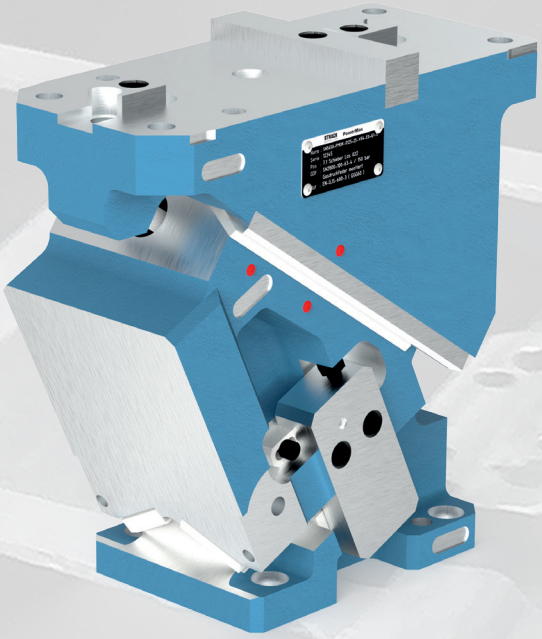
THINK TECH STRACK

OBEN HÄNGENDE SCHIEBER
UNTEN STEHENDE SCHIEBER

AERIAL CAM UNITS
DIE MOUNT CAM UNITS

COULISSEAUX SUSPENDUS
COULISSEAUX MONTE EN BAS

PowerMax®



STRACK®

NORMALIEN

Inhaltsverzeichnis | List of contents | Table des matières

Art.-Nr. / Art. No. / Art. no.	Seite / Page / Page
Oben hängende Schieber / Arial cam unit / Coulisseau suspendu	
SN5650-PMO	1
SN5650-PMOK	119
SN5650-PMOKL	199
SN5650-PMOL	335
Unten stehende Schieber / Die mounted cam unit / Coulisseau monté en bas	
SN5650-PMU	537
Schieber in Sonderausführung / Cams in special design / Coulisseau en construction spéciale	**649**
Zubehör / Accessories / Accessoires	**656**
Lock-Out-System / Lock-Out-System / Système de verrouillage	**659**

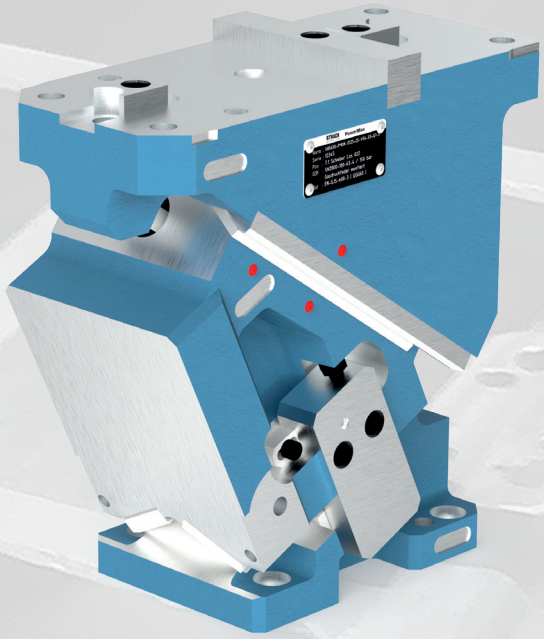
THINK TECH STRACK

OBEN HÄNGENDE SCHIEBER

AERIAL CAM UNITS

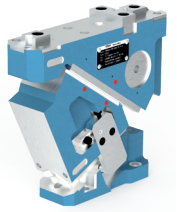
COULISSEAUX SUSPENDU

PowerMax®



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NORMALIEN

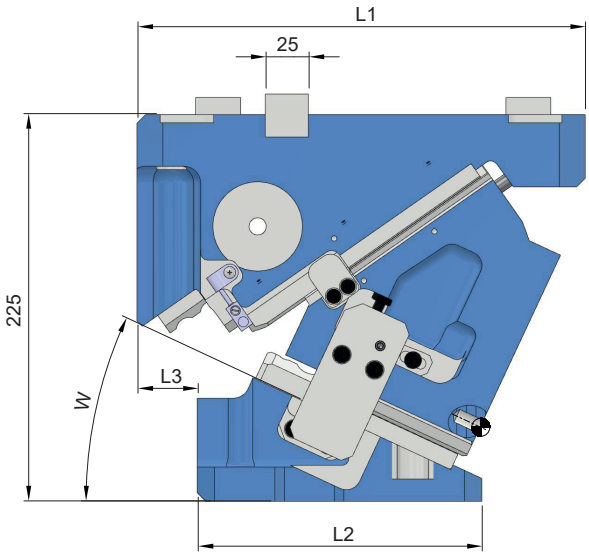


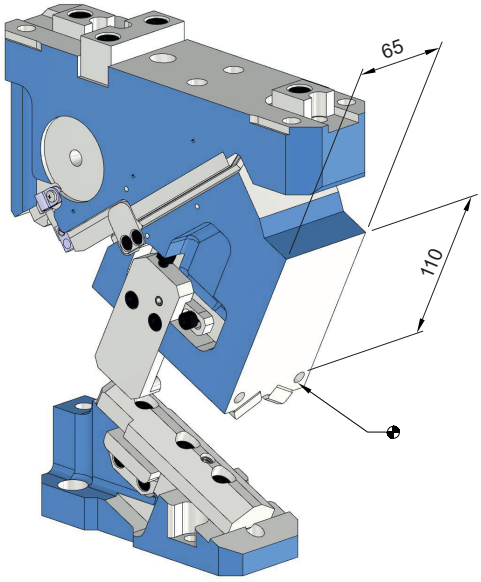
SN5650-PMO-0065-

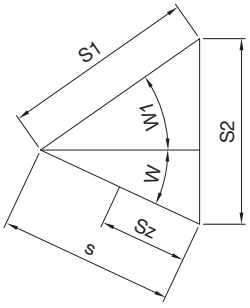
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	65 x 110 mm
Schieberbreite max.	*Cam unit width max.*	65 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 100 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



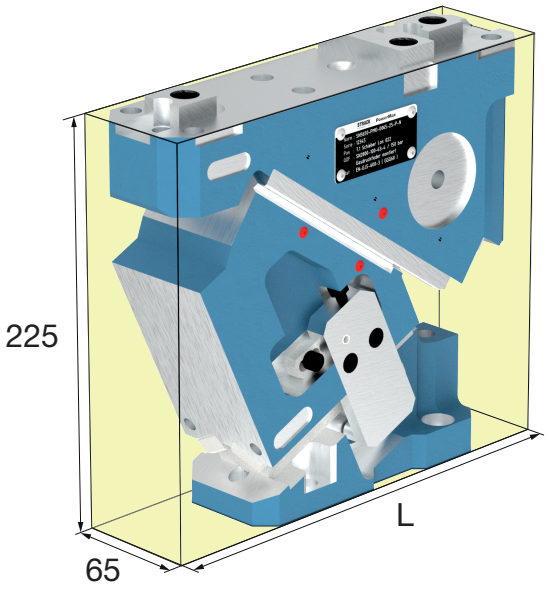
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMO-0065-

Oben hängender Schieber

Aerial cam unit



E0



E1



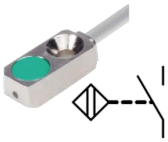
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

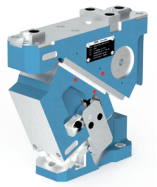
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

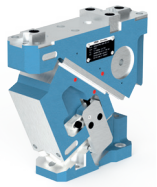
SE = Sensor
Sensor

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0°	E0	G0	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E0-G0-S1-V04
0°	E0	G1	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E0-G1-S0-V04
0°	E0	G1	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E0-G1-S1-V04
0°	E1	G0	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E1-G0-S0-V04
0°	E1	G0	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E1-G0-S1-V04
0°	E1	G1	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E1-G1-S0-V04
0°	E1	G1	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMO-0065-00-E1-G1-S1-V04
5°	E0	G0	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E0-G0-S0-V04
5°	E0	G0	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E0-G0-S1-V04
5°	E0	G1	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E0-G1-S0-V04
5°	E0	G1	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E0-G1-S1-V04
5°	E1	G0	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E1-G0-S0-V04
5°	E1	G0	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E1-G0-S1-V04
5°	E1	G1	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E1-G1-S0-V04
5°	E1	G1	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMO-0065-05-E1-G1-S1-V04
10°	E0	G0	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E0-G0-S0-V04
10°	E0	G0	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E0-G0-S1-V04
10°	E0	G1	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E0-G1-S0-V04
10°	E0	G1	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E0-G1-S1-V04
10°	E1	G0	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E1-G0-S0-V04
10°	E1	G0	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E1-G0-S1-V04
10°	E1	G1	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMO-0065-10-E1-G1-S0-V04
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15°	E0	G0	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E0-G0-S0-V04
15°	E0	G0	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E0-G0-S1-V04
15°	E0	G1	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E0-G1-S0-V04
15°	E0	G1	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E0-G1-S1-V04
15°	E1	G0	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E1-G0-S0-V04
15°	E1	G0	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E1-G1-S0-V04
15°	E1	G1	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMO-0065-15-E1-G1-S1-V04
20°	E0	G0	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E0-G0-S0-V04
20°	E0	G0	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E0-G0-S1-V04
20°	E0	G1	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E0-G1-S0-V04
20°	E0	G1	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E0-G1-S1-V04
20°	E1	G0	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E1-G0-S0-V04
20°	E1	G0	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E1-G0-S1-V04
20°	E1	G1	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E1-G1-S0-V04
20°	E1	G1	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMO-0065-20-E1-G1-S1-V04
25°	E0	G0	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E0-G0-S0-V04
25°	E0	G0	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E0-G0-S1-V04
25°	E0	G1	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E0-G1-S0-V04
25°	E0	G1	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E0-G1-S1-V04
25°	E1	G0	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E1-G0-S0-V04
25°	E1	G0	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E1-G0-S1-V04
25°	E1	G1	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E1-G1-S0-V04
25°	E1	G1	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMO-0065-25-E1-G1-S1-V04
30°	E0	G0	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMO-0065-30-E0-G0-S0-V04
30°	E0	G0	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMO-0065-30-E0-G0-S1-V04
30°	E0	G1	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMO-0065-30-E0-G1-S0-V04
30°	E0	G1	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMO-0065-30-E0-G1-S1-V04
30°	E1	G0	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMO-0065-30-E1-G0-S0-V04
30°	E1	G0	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMO-0065-30-E1-G0-S1-V04
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35°	E0	G1	S1	260	30	49.7	52	52	40	260	150	30	SN5650-PMO-0065-35-E0-G1-S1-V04
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35°	E1	G1	S0	260	30	49.7	52	52	40	260	150	30	SN5650-PMO-0065-35-E1-G1-S0-V04
35°	E1	G1	S1	260	30	49.7	52	52	40	260	150	30	SN5650-PMO-0065-35-E1-G1-S1-V04
40°	E0	G0	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E0-G0-S0-V04
40°	E0	G0	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E0-G0-S1-V04
40°	E0	G1	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E0-G1-S0-V04
40°	E0	G1	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E0-G1-S1-V04
40°	E1	G0	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E1-G0-S0-V04
40°	E1	G0	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E1-G0-S1-V04
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40°	E1	G1	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMO-0065-40-E1-G1-S1-V04
45°	E0	G0	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E0-G0-S0-V04
45°	E0	G0	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E0-G0-S1-V04
45°	E0	G1	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E0-G1-S0-V04
45°	E0	G1	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E0-G1-S1-V04
45°	E1	G0	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E1-G0-S0-V04
45°	E1	G0	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E1-G0-S1-V04
45°	E1	G1	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMO-0065-45-E1-G1-S0-V04
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50°	E0	G0	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E0-G0-S0-V04
50°	E0	G0	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E0-G0-S1-V04
50°	E0	G1	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E0-G1-S0-V04
50°	E0	G1	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E0-G1-S1-V04
50°	E1	G0	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E1-G0-S0-V04

D 1801D 02.2025



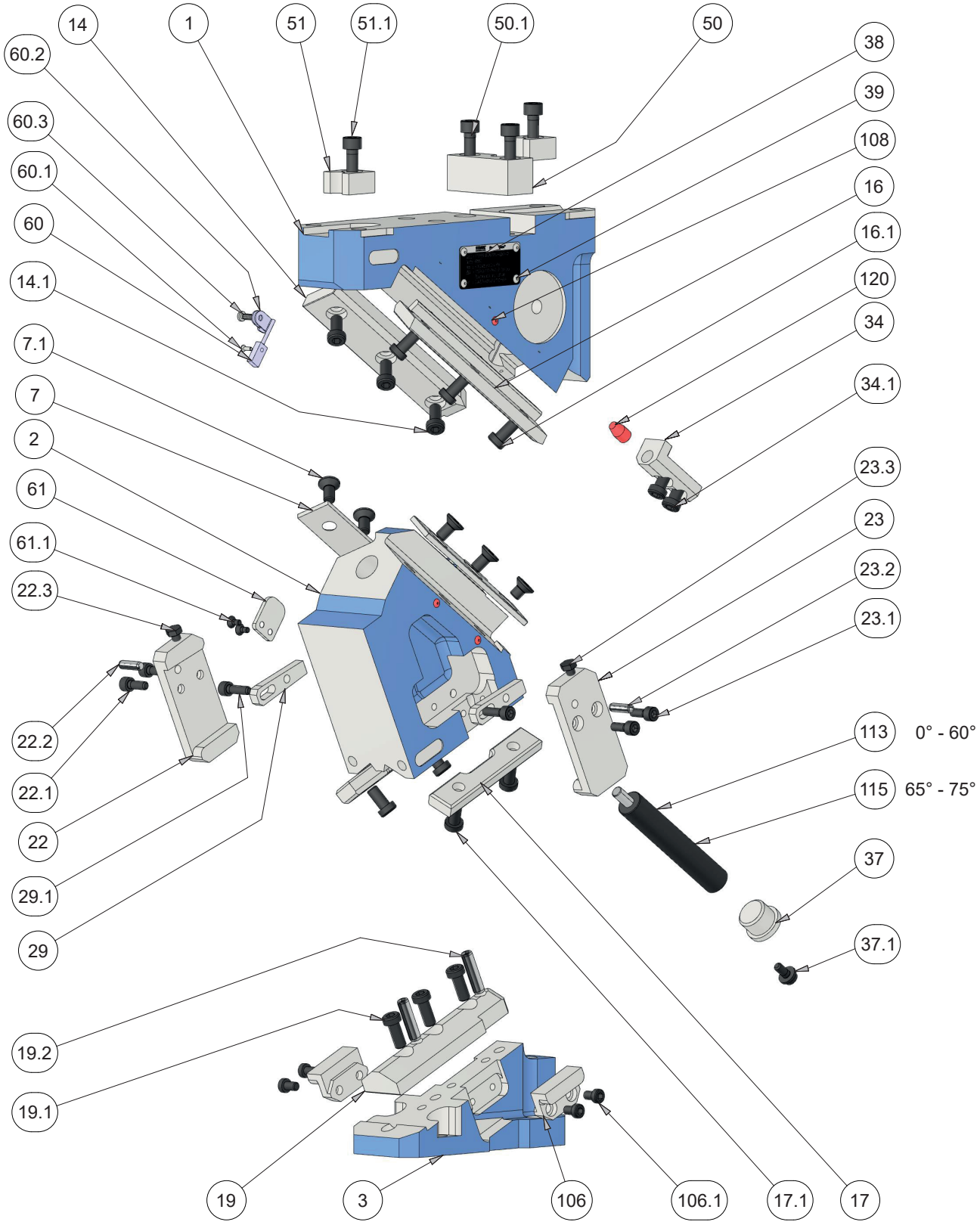
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
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50°	E1	G1	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E1-G1-S0-V04
50°	E1	G1	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMO-0065-50-E1-G1-S1-V04
55°	E0	G0	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E0-G0-S0-V04
55°	E0	G0	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E0-G0-S1-V04
55°	E0	G1	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E0-G1-S0-V04
55°	E0	G1	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E0-G1-S1-V04
55°	E1	G0	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E1-G0-S0-V04
55°	E1	G0	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E1-G0-S1-V04
55°	E1	G1	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E1-G1-S0-V04
55°	E1	G1	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMO-0065-55-E1-G1-S1-V04
60°	E0	G0	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E0-G0-S0-V04
60°	E0	G0	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E0-G0-S1-V04
60°	E0	G1	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E0-G1-S0-V04
60°	E0	G1	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E0-G1-S1-V04
60°	E1	G0	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E1-G0-S0-V04
60°	E1	G0	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E1-G0-S1-V04
60°	E1	G1	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E1-G1-S0-V04
60°	E1	G1	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMO-0065-60-E1-G1-S1-V04
65°	E0	G0	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E0-G0-S0-V04
65°	E0	G0	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E0-G0-S1-V04
65°	E0	G1	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E0-G1-S0-V04
65°	E0	G1	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E0-G1-S1-V04
65°	E1	G0	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E1-G0-S0-V04
65°	E1	G0	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E1-G0-S1-V04
65°	E1	G1	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E1-G1-S0-V04
65°	E1	G1	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMO-0065-65-E1-G1-S1-V04
70°	E0	G0	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E0-G0-S0-V04
70°	E0	G0	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E0-G0-S1-V04
70°	E0	G1	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E0-G1-S0-V04
70°	E0	G1	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E0-G1-S1-V04
70°	E1	G0	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E1-G0-S0-V04
70°	E1	G0	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E1-G0-S1-V04
70°	E1	G1	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E1-G1-S0-V04
70°	E1	G1	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMO-0065-70-E1-G1-S1-V04
75°	E0	G0	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E0-G0-S0-V04
75°	E0	G0	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E0-G0-S1-V04
75°	E0	G1	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E0-G1-S0-V04
75°	E0	G1	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E0-G1-S1-V04
75°	E1	G0	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E1-G0-S0-V04
75°	E1	G0	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E1-G0-S1-V04
75°	E1	G1	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E1-G1-S0-V04
75°	E1	G1	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMO-0065-75-E1-G1-S1-V04

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SN5650-PMO-0065-

Bauteile

Components

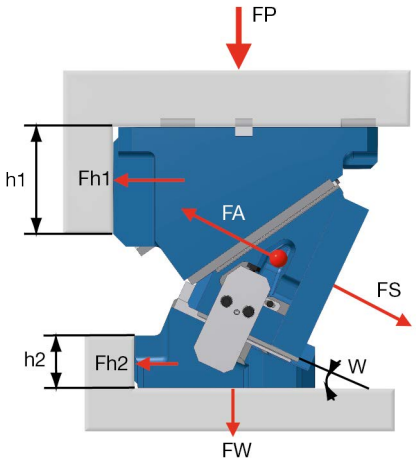


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0065-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	106	100	106	100	0	145	25	16
05°	111	105	102	95	8	140	30	17
10°	115	110	97	90	16	135	35	17
15°	119	113	92	83	22	128	48	17
20°	122	117	87	75	27	120	60	16
25°	131	126	85	70	32	110	65	17
30°	139	134	83	65	37	100	70	17
35°	143	138	77	57	39	95	75	19
40°	146	142	71	48	40	90	80	21
45°	148	144	65	40	39	85	80	21
50°	150	147	58	32	38	79	79	21
55°	152	149	52	25	35	60	90	21
60°	153	151	45	18	31	40	100	21
65°	162	159	42	12	27	63	100	22
70°	164	162	35	8	21	54	105	22
75°	166	164	28	4	15	45	110	22



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

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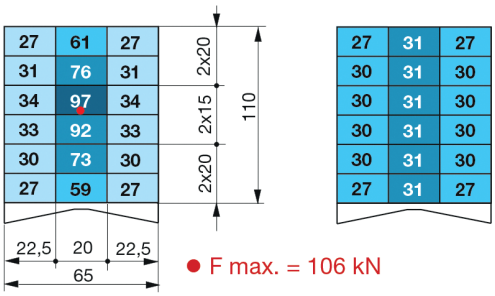
SN5650-PMO-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

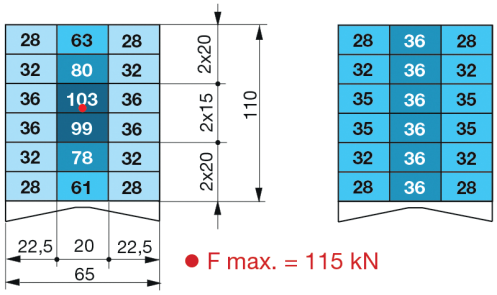
Passfeder
Fitting Key

SN5650-PMO-0065-0°



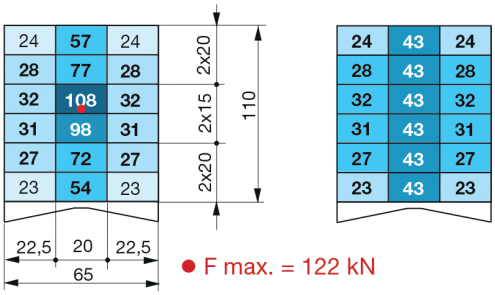
● F max. = 106 kN

SN5650-PMO-0065-10°



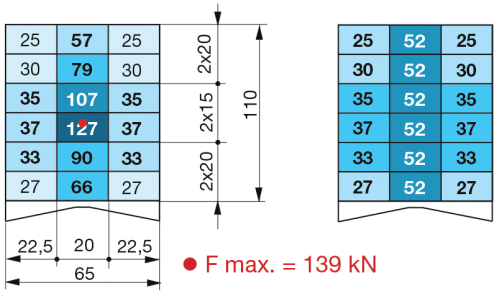
● F max. = 115 kN

SN5650-PMO-0065-20°



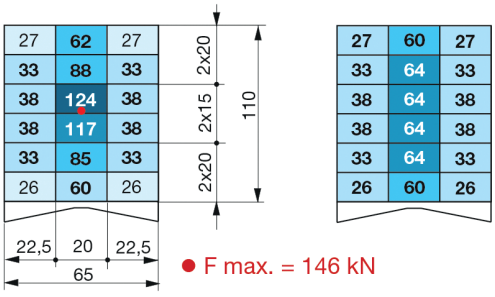
● F max. = 122 kN

SN5650-PMO-0065-30°



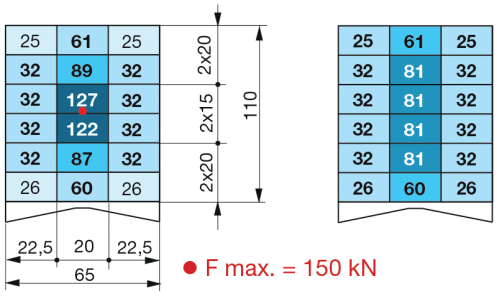
● F max. = 139 kN

SN5650-PMO-0065-40°



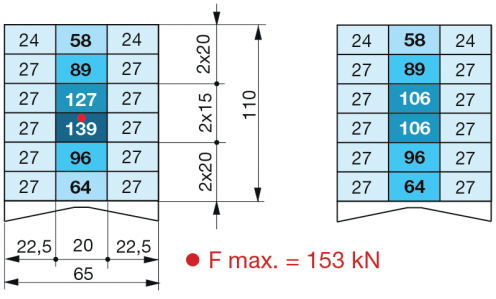
● F max. = 146 kN

SN5650-PMO-0065-50°



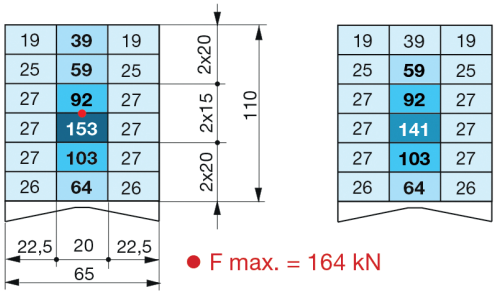
● F max. = 150 kN

SN5650-PMO-0065-60°



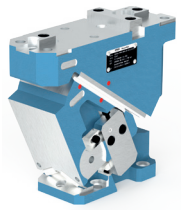
● F max. = 153 kN

SN5650-PMO-0065-70°



● F max. = 164 kN

D 1801D 02.2025

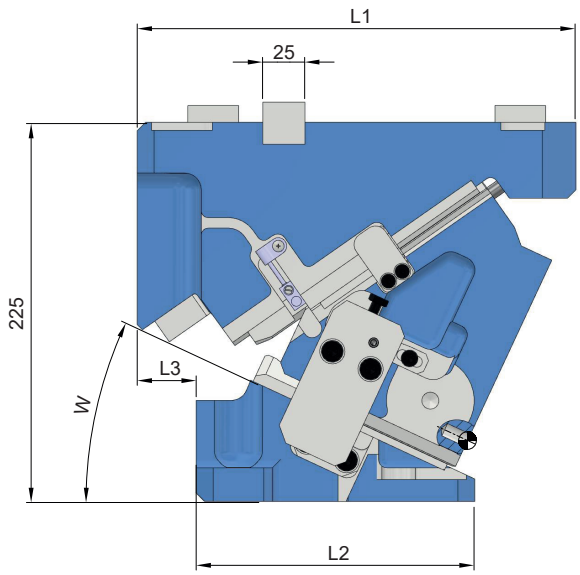


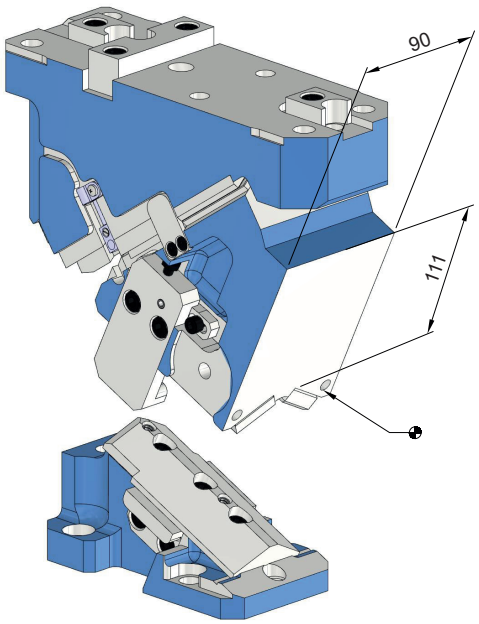
SN5650-PMO-0090-

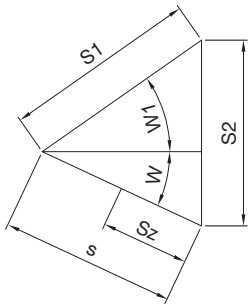
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	90 x 111 mm
Schieberbreite max.	*Cam unit width max.*	90 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 190 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



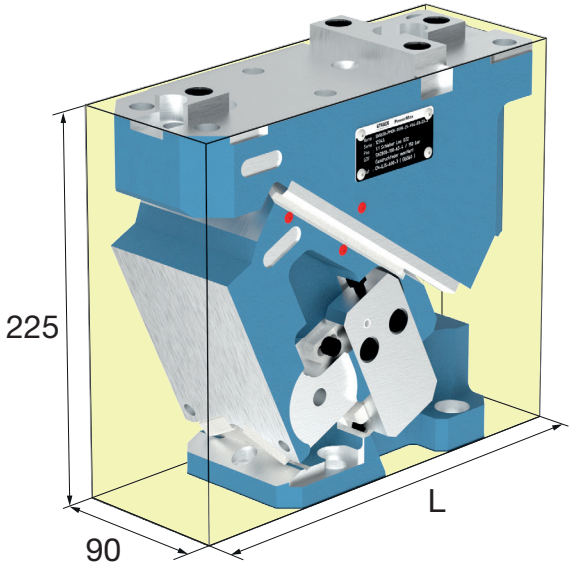
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMO-0090-

Oben hängender Schieber

Aerial cam unit



E0



E1



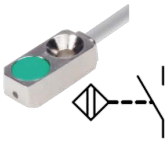
G0



S0



S1

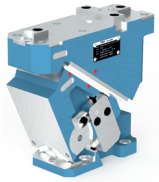


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

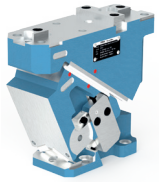
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E0-G0-S0-V04
0°	E0	G0	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E0-G0-S1-V04
0°	E0	G1	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E0-G1-S0-V04
0°	E0	G1	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E0-G1-S1-V04
0°	E1	G0	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E1-G0-S0-V04
0°	E1	G0	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E1-G0-S1-V04
0°	E1	G1	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E1-G1-S0-V04
0°	E1	G1	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMO-0090-00-E1-G1-S1-V04
5°	E0	G0	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E0-G0-S0-V04
5°	E0	G0	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E0-G0-S1-V04
5°	E0	G1	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E0-G1-S0-V04
5°	E0	G1	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E0-G1-S1-V04
5°	E1	G0	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E1-G0-S0-V04
5°	E1	G0	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E1-G0-S1-V04
5°	E1	G1	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E1-G1-S0-V04
5°	E1	G1	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMO-0090-05-E1-G1-S1-V04
10°	E0	G0	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E0-G0-S0-V04
10°	E0	G0	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E0-G0-S1-V04
10°	E0	G1	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E0-G1-S0-V04
10°	E0	G1	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E0-G1-S1-V04
10°	E1	G0	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E1-G0-S0-V04
10°	E1	G0	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E1-G0-S1-V04
10°	E1	G1	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E1-G1-S0-V04
10°	E1	G1	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMO-0090-10-E1-G1-S1-V04
15°	E0	G0	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E0-G0-S0-V04
15°	E0	G0	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E0-G0-S1-V04
15°	E0	G1	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E0-G1-S0-V04
15°	E0	G1	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E0-G1-S1-V04
15°	E1	G0	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E1-G0-S0-V04
15°	E1	G0	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E1-G1-S0-V04
15°	E1	G1	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMO-0090-15-E1-G1-S1-V04
20°	E0	G0	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E0-G0-S0-V04
20°	E0	G0	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E0-G0-S1-V04
20°	E0	G1	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E0-G1-S0-V04
20°	E0	G1	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E0-G1-S1-V04
20°	E1	G0	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E1-G0-S0-V04
20°	E1	G0	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E1-G0-S1-V04
20°	E1	G1	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E1-G1-S0-V04
20°	E1	G1	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMO-0090-20-E1-G1-S1-V04
25°	E0	G0	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E0-G0-S0-V04
25°	E0	G0	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E0-G0-S1-V04
25°	E0	G1	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E0-G1-S0-V04
25°	E0	G1	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E0-G1-S1-V04
25°	E1	G0	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E1-G0-S0-V04
25°	E1	G0	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E1-G0-S1-V04
25°	E1	G1	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E1-G1-S0-V04
25°	E1	G1	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMO-0090-25-E1-G1-S1-V04
30°	E0	G0	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E0-G0-S0-V04
30°	E0	G0	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E0-G0-S1-V04
30°	E0	G1	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E0-G1-S0-V04
30°	E0	G1	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E0-G1-S1-V04
30°	E1	G0	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E1-G0-S0-V04
30°	E1	G0	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E1-G0-S1-V04
30°	E1	G1	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E1-G1-S0-V04
30°	E1	G1	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMO-0090-30-E1-G1-S1-V04
35°	E0	G0	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E0-G0-S0-V04
35°	E0	G0	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E0-G0-S1-V04
35°	E0	G1	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E0-G1-S0-V04
35°	E0	G1	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E0-G1-S1-V04
35°	E1	G0	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E1-G0-S0-V04
35°	E1	G0	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E1-G0-S1-V04
35°	E1	G1	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E1-G1-S0-V04
35°	E1	G1	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMO-0090-35-E1-G1-S1-V04
40°	E0	G0	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E0-G0-S0-V04
40°	E0	G0	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E0-G0-S1-V04
40°	E0	G1	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E0-G1-S0-V04
40°	E0	G1	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E0-G1-S1-V04
40°	E1	G0	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E1-G0-S0-V04
40°	E1	G0	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E1-G0-S1-V04
40°	E1	G1	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E1-G1-S0-V04
40°	E1	G1	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMO-0090-40-E1-G1-S1-V04
45°	E0	G0	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E0-G0-S0-V04
45°	E0	G0	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E0-G0-S1-V04
45°	E0	G1	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E0-G1-S0-V04
45°	E0	G1	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E0-G1-S1-V04
45°	E1	G0	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E1-G0-S0-V04
45°	E1	G0	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E1-G0-S1-V04
45°	E1	G1	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E1-G1-S0-V04
45°	E1	G1	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMO-0090-45-E1-G1-S1-V04
50°	E0	G0	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E0-G0-S0-V04
50°	E0	G0	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E0-G0-S1-V04
50°	E0	G1	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E0-G1-S0-V04
50°	E0	G1	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E0-G1-S1-V04
50°	E1	G0	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E1-G0-S0-V04

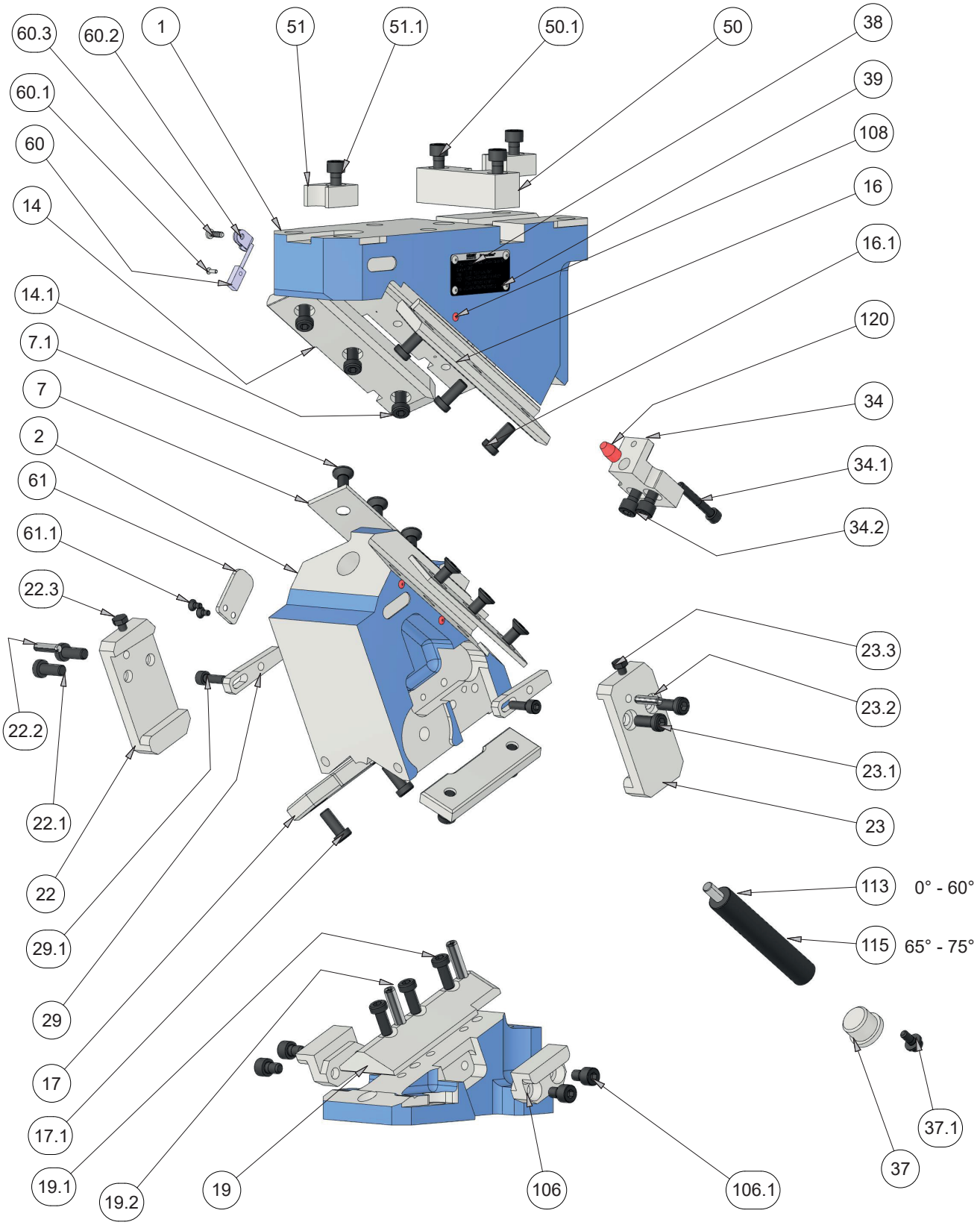
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W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E1-G0-S1-V04
50°	E1	G1	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E1-G1-S0-V04
50°	E1	G1	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMO-0090-50-E1-G1-S1-V04
55°	E0	G0	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E0-G0-S0-V04
55°	E0	G0	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E0-G0-S1-V04
55°	E0	G1	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E0-G1-S0-V04
55°	E0	G1	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E0-G1-S1-V04
55°	E1	G0	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E1-G0-S0-V04
55°	E1	G0	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E1-G0-S1-V04
55°	E1	G1	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E1-G1-S0-V04
55°	E1	G1	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMO-0090-55-E1-G1-S1-V04
60°	E0	G0	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E0-G0-S0-V04
60°	E0	G0	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E0-G0-S1-V04
60°	E0	G1	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E0-G1-S0-V04
60°	E0	G1	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E0-G1-S1-V04
60°	E1	G0	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E1-G0-S0-V04
60°	E1	G0	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E1-G0-S1-V04
60°	E1	G1	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E1-G1-S0-V04
60°	E1	G1	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMO-0090-60-E1-G1-S1-V04
65°	E0	G0	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E0-G0-S0-V04
65°	E0	G0	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E0-G0-S1-V04
65°	E0	G1	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E0-G1-S0-V04
65°	E0	G1	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E0-G1-S1-V04
65°	E1	G0	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E1-G0-S0-V04
65°	E1	G0	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E1-G0-S1-V04
65°	E1	G1	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E1-G1-S0-V04
65°	E1	G1	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMO-0090-65-E1-G1-S1-V04
70°	E0	G0	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E0-G0-S0-V04
70°	E0	G0	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E0-G0-S1-V04
70°	E0	G1	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E0-G1-S0-V04
70°	E0	G1	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E0-G1-S1-V04
70°	E1	G0	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E1-G0-S0-V04
70°	E1	G0	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E1-G0-S1-V04
70°	E1	G1	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E1-G1-S0-V04
70°	E1	G1	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMO-0090-70-E1-G1-S1-V04
75°	E0	G0	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E0-G0-S0-V04
75°	E0	G0	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E0-G0-S1-V04
75°	E0	G1	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E0-G1-S0-V04
75°	E0	G1	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E0-G1-S1-V04
75°	E1	G0	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E1-G0-S0-V04
75°	E1	G0	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E1-G0-S1-V04
75°	E1	G1	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E1-G1-S0-V04
75°	E1	G1	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMO-0090-75-E1-G1-S1-V04

SN5650-PMO-0090-

Bauteile
Components

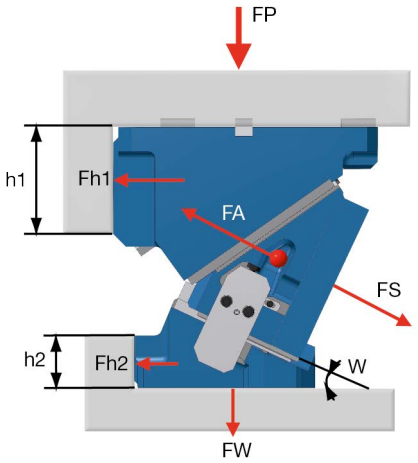


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0090-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	190	178	190	178	0	143	30	22
05°	198	186	182	169	14	136	33	24
10°	205	194	174	159	28	128	35	26
15°	212	202	165	146	38	124	48	24
20°	218	209	156	134	49	120	60	22
25°	234	224	152	125	58	115	65	24
30°	249	240	149	116	67	110	70	26
35°	255	246	138	100	69	102	75	26
40°	260	252	128	85	72	94	80	26
45°	264	257	116	71	69	84	80	26
50°	268	262	105	57	67	75	79	26
55°	277	272	95	45	63	70	92	27
60°	286	281	85	33	58	65	105	27
65°	289	284	75	22	47	60	105	28
70°	296	292	64	15	37	53	108	28
75°	303	300	52	7	27	45	110	28



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

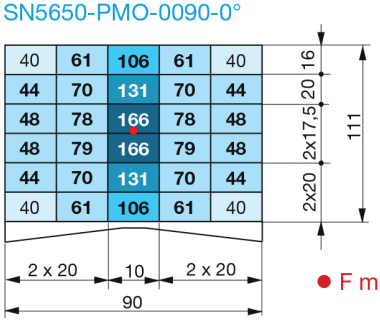
SN5650-PMO-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0090-0°



40	61	106	61	40
44	70	131	70	44
48	78	166	78	48
48	79	166	79	48
44	70	131	70	44
40	61	106	61	40

38	40	41	40	38
38	40	41	40	38
38	40	41	40	38
38	40	41	40	38
38	40	41	40	38
38	40	41	40	38

● F max. = 190 kN

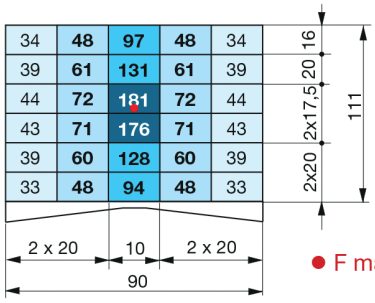
SN5650-PMO-0090-10°

41	62	109	62	41
47	73	138	73	47
51	82	176	82	51
52	83	178	83	52
47	73	138	73	47
42	63	109	63	42

41	47	49	47	41
45	47	49	47	45
45	47	49	47	45
45	47	49	47	45
45	47	49	47	45
42	47	49	47	42

● F max. = 205 kN

SN5650-PMO-0090-20°



34	48	97	48	34
39	61	131	61	39
44	72	181	72	44
43	71	176	71	43
39	60	128	60	39
33	48	94	48	33

34	48	58	48	34
39	55	58	55	39
44	55	58	55	44
43	55	58	55	43
39	55	58	55	39
33	48	58	48	33

● F max. = 218 kN

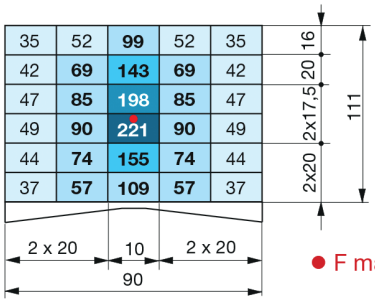
SN5650-PMO-0090-30°

34	50	96	50	34
41	64	134	64	41
46	77	181	77	46
49	86	228	86	49
44	72	158	72	44
39	58	116	58	39

34	50	70	50	34
41	64	70	64	41
46	66	70	66	46
49	66	70	66	49
44	66	70	66	44
39	58	70	58	39

● F max. = 249 kN

SN5650-PMO-0090-40°



35	52	99	52	35
42	69	143	69	42
47	85	198	85	47
49	90	221	90	49
44	74	155	74	44
37	57	109	57	37

35	52	85	52	35
42	69	85	69	42
47	80	85	80	47
49	80	85	80	49
44	74	85	74	44
37	57	85	57	37

● F max. = 260 kN

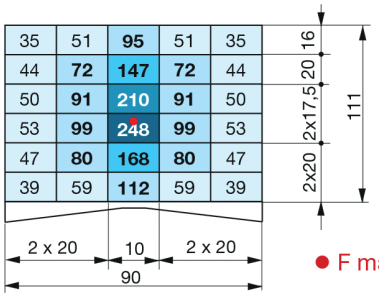
SN5650-PMO-0090-50°

35	53	99	53	35
43	74	149	74	43
48	92	211	92	48
49	94	218	94	49
43	76	152	76	43
36	56	103	56	36

35	53	99	53	35
43	74	107	74	43
48	92	107	92	48
49	94	107	94	49
43	76	107	76	43
36	56	103	56	36

● F max. = 268 kN

SN5650-PMO-0090-60°



35	51	95	51	35
44	72	147	72	44
50	91	210	91	50
53	99	248	99	53
47	80	168	80	47
39	59	112	59	39

35	51	95	51	35
44	72	141	72	44
50	91	141	91	50
53	99	141	99	53
47	80	141	80	47
39	59	112	59	39

● F max. = 286 kN

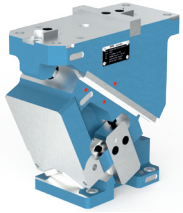
SN5650-PMO-0090-70°

36	50	95	50	36
46	72	149	72	46
54	93	221	93	54
56	99	251	99	56
49	79	166	79	49
40	57	107	57	40

36	50	95	50	36
46	72	149	72	46
54	93	196	93	54
56	99	202	99	56
49	79	163	79	49
40	57	107	57	40

● F max. = 296 kN

D 1801D 02.2025

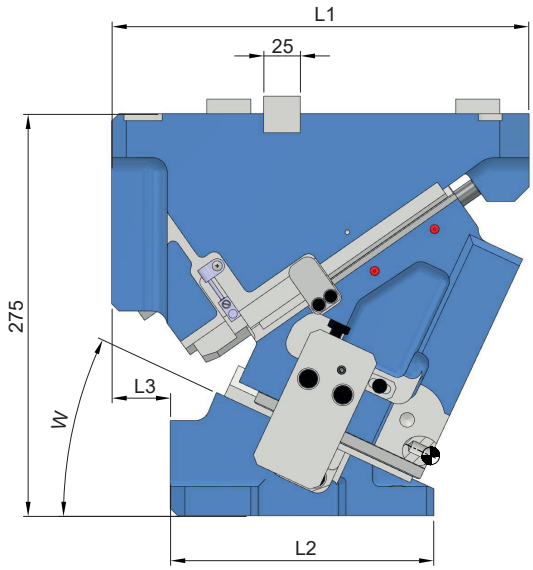


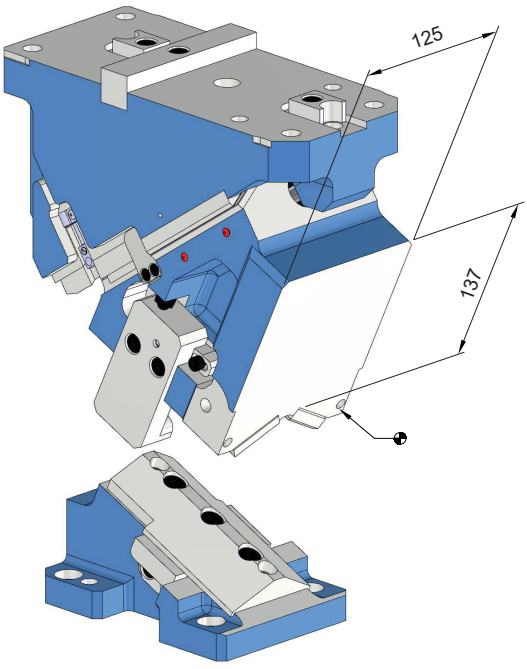
SN5650-PMO-0125-

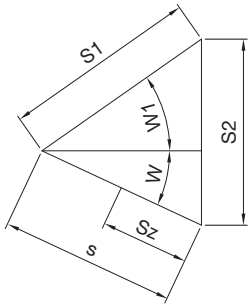
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	125 x 137 mm
Schieberbreite max.	*Cam unit width max.*	125 mm
Einbauhöhe	*Installation height*	275 mm
Schieberkraft	*Cam force*	> 271 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

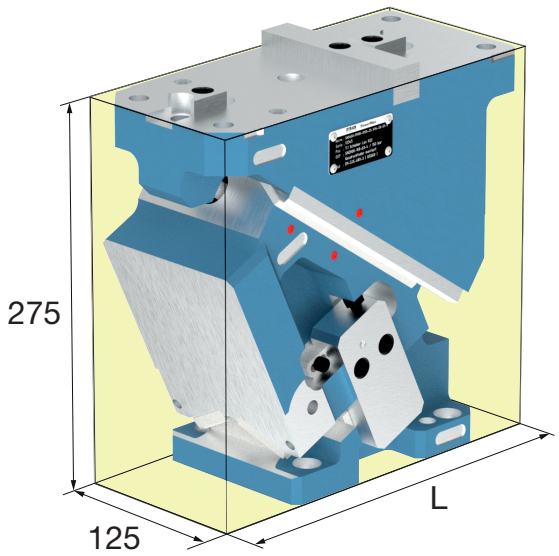
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 02.2025

SN5650-PMO-0125-

Oben hängender Schieber

Aerial cam unit



E0



E1



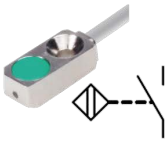
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

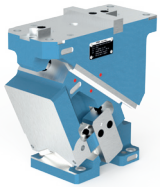
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

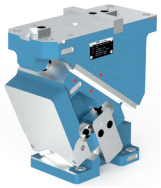
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E0-G0-S0-V04
0°	E0	G0	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E0-G0-S1-V04
0°	E0	G1	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E0-G1-S0-V04
0°	E0	G1	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E0-G1-S1-V04
0°	E1	G0	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E1-G0-S0-V04
0°	E1	G0	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E1-G0-S1-V04
0°	E1	G1	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E1-G1-S0-V04
0°	E1	G1	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMO-0125-00-E1-G1-S1-V04
5°	E0	G0	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E0-G0-S0-V04
5°	E0	G0	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E0-G0-S1-V04
5°	E0	G1	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E0-G1-S0-V04
5°	E0	G1	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E0-G1-S1-V04
5°	E1	G0	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E1-G0-S0-V04
5°	E1	G0	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E1-G0-S1-V04
5°	E1	G1	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E1-G1-S0-V04
5°	E1	G1	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMO-0125-05-E1-G1-S1-V04
10°	E0	G0	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E0-G0-S0-V04
10°	E0	G0	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E0-G0-S1-V04
10°	E0	G1	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E0-G1-S0-V04
10°	E0	G1	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E0-G1-S1-V04
10°	E1	G0	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E1-G0-S0-V04
10°	E1	G0	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E1-G0-S1-V04
10°	E1	G1	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E1-G1-S0-V04
10°	E1	G1	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMO-0125-10-E1-G1-S1-V04
15°	E0	G0	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E0-G0-S0-V04
15°	E0	G0	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E0-G0-S1-V04
15°	E0	G1	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E0-G1-S0-V04
15°	E0	G1	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E0-G1-S1-V04
15°	E1	G0	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E1-G0-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G0	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E1-G0-S1-V04
15°	E1	G1	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E1-G1-S0-V04
15°	E1	G1	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMO-0125-15-E1-G1-S1-V04
20°	E0	G0	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E0-G0-S0-V04
20°	E0	G0	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E0-G0-S1-V04
20°	E0	G1	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E0-G1-S0-V04
20°	E0	G1	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E0-G1-S1-V04
20°	E1	G0	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E1-G0-S0-V04
20°	E1	G0	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E1-G0-S1-V04
20°	E1	G1	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E1-G1-S0-V04
20°	E1	G1	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMO-0125-20-E1-G1-S1-V04
25°	E0	G0	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E0-G0-S0-V04
25°	E0	G0	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E0-G0-S1-V04
25°	E0	G1	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E0-G1-S0-V04
25°	E0	G1	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E0-G1-S1-V04
25°	E1	G0	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E1-G0-S0-V04
25°	E1	G0	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E1-G0-S1-V04
25°	E1	G1	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E1-G1-S0-V04
25°	E1	G1	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMO-0125-25-E1-G1-S1-V04
30°	E0	G0	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E0-G0-S0-V04
30°	E0	G0	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E0-G0-S1-V04
30°	E0	G1	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E0-G1-S0-V04
30°	E0	G1	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E0-G1-S1-V04
30°	E1	G0	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E1-G0-S0-V04
30°	E1	G0	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E1-G0-S1-V04
30°	E1	G1	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E1-G1-S0-V04
30°	E1	G1	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMO-0125-30-E1-G1-S1-V04
35°	E0	G0	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E0-G0-S0-V04
35°	E0	G0	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E0-G0-S1-V04
35°	E0	G1	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E0-G1-S0-V04
35°	E0	G1	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E0-G1-S1-V04
35°	E1	G0	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E1-G0-S0-V04
35°	E1	G0	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E1-G0-S1-V04
35°	E1	G1	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E1-G1-S0-V04
35°	E1	G1	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMO-0125-35-E1-G1-S1-V04
40°	E0	G0	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E0-G0-S0-V04
40°	E0	G0	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E0-G0-S1-V04
40°	E0	G1	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E0-G1-S0-V04
40°	E0	G1	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E0-G1-S1-V04
40°	E1	G0	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E1-G0-S0-V04
40°	E1	G0	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E1-G0-S1-V04
40°	E1	G1	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E1-G1-S0-V04
40°	E1	G1	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMO-0125-40-E1-G1-S1-V04
45°	E0	G0	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E0-G0-S0-V04
45°	E0	G0	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E0-G0-S1-V04
45°	E0	G1	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E0-G1-S0-V04
45°	E0	G1	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E0-G1-S1-V04
45°	E1	G0	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E1-G0-S0-V04
45°	E1	G0	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E1-G0-S1-V04
45°	E1	G1	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E1-G1-S0-V04
45°	E1	G1	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMO-0125-45-E1-G1-S1-V04
50°	E0	G0	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E0-G0-S0-V04
50°	E0	G0	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E0-G0-S1-V04
50°	E0	G1	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E0-G1-S0-V04
50°	E0	G1	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E0-G1-S1-V04

D 1801D 02.2025



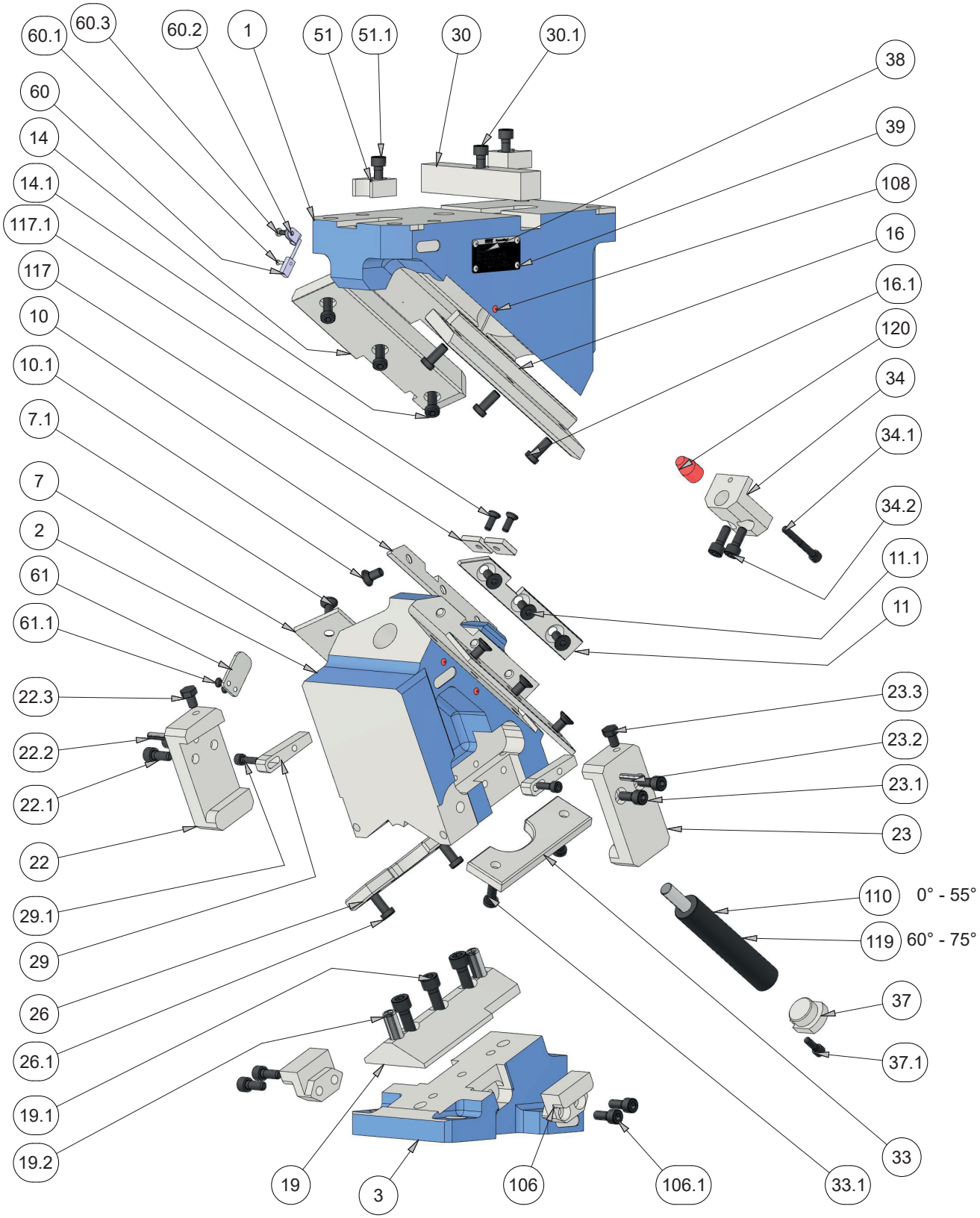
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E1-G0-S0-V04
50°	E1	G0	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E1-G0-S1-V04
50°	E1	G1	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E1-G1-S0-V04
50°	E1	G1	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMO-0125-50-E1-G1-S1-V04
55°	E0	G0	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E0-G0-S0-V04
55°	E0	G0	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E0-G0-S1-V04
55°	E0	G1	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E0-G1-S0-V04
55°	E0	G1	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E0-G1-S1-V04
55°	E1	G0	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E1-G0-S0-V04
55°	E1	G0	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E1-G0-S1-V04
55°	E1	G1	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E1-G1-S0-V04
55°	E1	G1	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMO-0125-55-E1-G1-S1-V04
60°	E0	G0	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E0-G0-S0-V04
60°	E0	G0	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E0-G0-S1-V04
60°	E0	G1	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E0-G1-S0-V04
60°	E0	G1	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E0-G1-S1-V04
60°	E1	G0	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E1-G0-S0-V04
60°	E1	G0	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E1-G0-S1-V04
60°	E1	G1	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E1-G1-S0-V04
60°	E1	G1	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMO-0125-60-E1-G1-S1-V04
65°	E0	G0	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E0-G0-S0-V04
65°	E0	G0	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E0-G0-S1-V04
65°	E0	G1	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E0-G1-S0-V04
65°	E0	G1	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E0-G1-S1-V04
65°	E1	G0	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E1-G0-S0-V04
65°	E1	G0	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E1-G0-S1-V04
65°	E1	G1	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E1-G1-S0-V04
65°	E1	G1	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMO-0125-65-E1-G1-S1-V04
70°	E0	G0	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E0-G0-S0-V04
70°	E0	G0	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E0-G0-S1-V04
70°	E0	G1	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E0-G1-S0-V04
70°	E0	G1	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E0-G1-S1-V04
70°	E1	G0	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E1-G0-S0-V04
70°	E1	G0	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E1-G0-S1-V04
70°	E1	G1	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E1-G1-S0-V04
70°	E1	G1	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMO-0125-70-E1-G1-S1-V04
75°	E0	G0	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E0-G0-S0-V04
75°	E0	G0	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E0-G0-S1-V04
75°	E0	G1	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E0-G1-S0-V04
75°	E0	G1	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E0-G1-S1-V04
75°	E1	G0	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E1-G0-S0-V04
75°	E1	G0	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E1-G0-S1-V04
75°	E1	G1	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E1-G1-S0-V04
75°	E1	G1	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMO-0125-75-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMO-0125-

Bauteile

Components

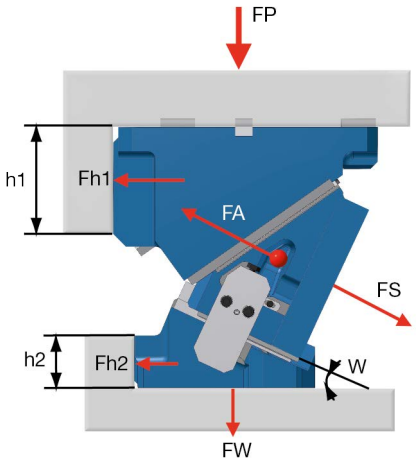


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0125-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	271	255	271	255	0	165	35	28
05°	282	267	259	241	20	158	45	28
10°	292	278	248	227	40	150	55	27
15°	302	288	235	210	55	140	60	27
20°	311	298	222	192	70	130	65	26
25°	330	317	215	177	82	123	64	27
30°	348	336	208	162	93	115	62	28
35°	356	344	193	141	97	108	73	30
40°	363	353	178	119	100	100	84	31
45°	369	360	162	99	97	91	93	31
50°	375	367	146	79	95	82	103	31
55°	386	378	132	63	87	76	115	31
60°	396	389	118	46	80	70	127	30
65°	400	393	104	30	65	70	125	30
70°	409	403	88	20	51	64	127	30
75°	417	413	72	10	37	58	130	30



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

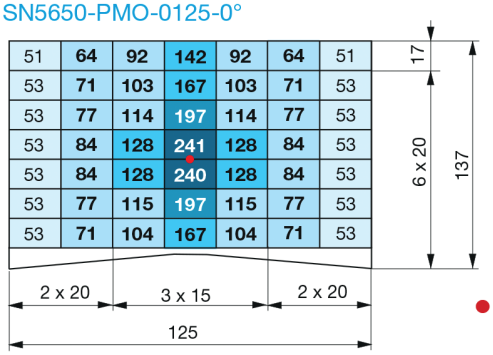
SN5650-PMO-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0125-0°

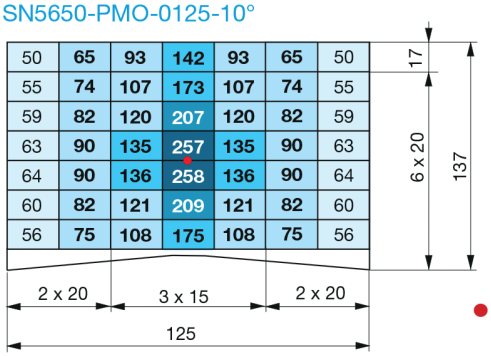


51	64	92	142	92	64	51
53	71	103	167	103	71	53
53	77	114	197	114	77	53
53	84	128	241	128	84	53
53	84	128	240	128	84	53
53	77	115	197	115	77	53
53	71	104	167	104	71	53

51	57	61	61	61	57	51
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53

● F max. = 271 kN

SN5650-PMO-0125-10°

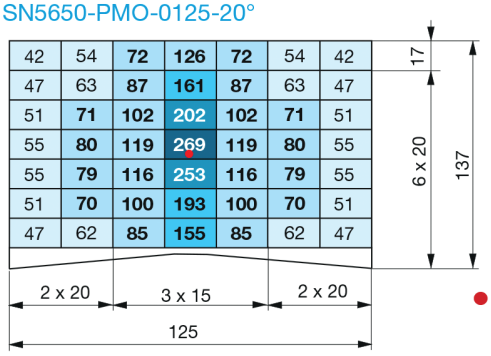


50	65	93	142	93	65	50
55	74	107	173	107	74	55
59	82	120	207	120	82	59
63	90	135	257	135	90	63
64	90	136	258	136	90	64
60	82	121	209	121	82	60
56	75	108	175	108	75	56

50	65	72	72	72	65	50
55	68	72	77	72	68	55
59	68	72	77	72	68	59
62	68	72	77	72	68	62
62	68	72	77	72	68	62
60	68	72	77	72	68	60
56	68	72	77	72	68	56

● F max. = 292 kN

SN5650-PMO-0125-20°

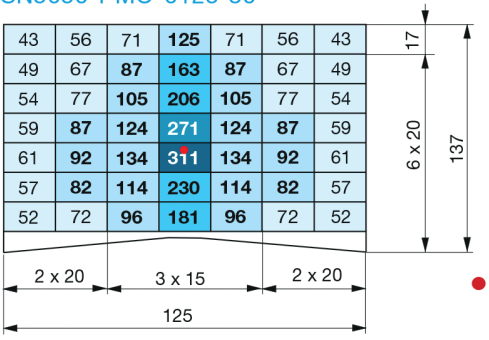


42	54	72	126	72	54	42
47	63	87	161	87	63	47
51	71	102	202	102	71	51
55	80	119	269	119	80	55
55	79	116	253	116	79	55
51	70	100	193	100	70	51
47	62	85	155	85	62	47

42	54	72	72	72	54	42
47	63	83	91	83	63	47
51	71	83	91	83	71	51
55	75	83	91	83	75	55
55	75	83	91	83	75	55
51	70	83	91	83	70	51
47	62	83	91	83	62	47

● F max. = 311 kN

SN5650-PMO-0125-30°



43	56	71	125	71	56	43
49	67	87	163	87	67	49
54	77	105	206	105	77	54
59	87	124	271	124	87	59
61	92	134	311	134	92	61
57	82	114	230	114	82	57
52	72	96	181	96	72	52

43	56	71	110	71	56	43
49	67	87	110	87	67	49
54	77	100	110	100	77	54
59	87	100	110	100	87	59
61	90	100	110	100	90	61
57	82	100	110	100	82	57
52	72	96	110	96	72	52

● F max. = 348 kN

D 1801D 02.2025

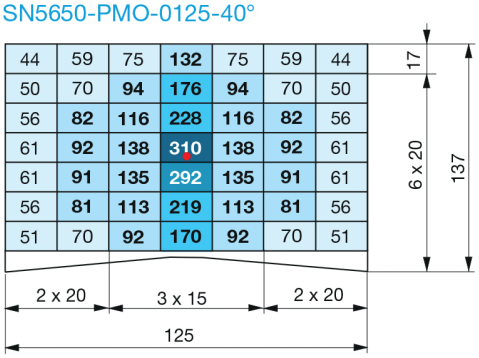
SN5650-PMO-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0125-40°

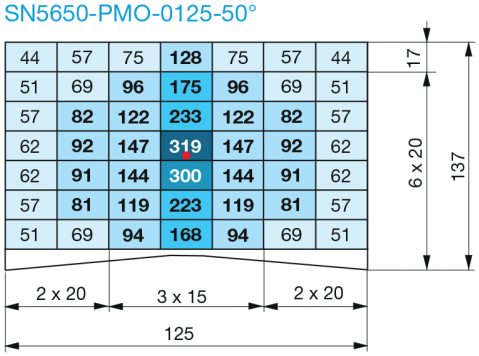


44	59	75	**132**	75	59	44
50	70	**94**	**176**	**94**	70	50
56	**82**	**116**	**228**	**116**	**82**	56
61	**92**	**138**	**310**	**138**	**92**	61
61	**91**	**135**	**292**	**135**	**91**	61
56	**81**	**113**	**219**	**113**	**81**	56
51	70	**92**	**170**	**92**	70	51

44	**59**	**75**	**132**	**75**	**59**	**44**
50	**70**	**94**	**134**	**94**	**70**	**50**
56	**82**	**116**	**134**	**116**	**82**	**56**
61	**92**	**122**	**134**	**122**	**92**	**61**
61	**91**	**122**	**134**	**122**	**91**	**61**
56	**81**	**113**	**134**	**113**	**81**	**56**
51	**70**	**92**	**134**	**92**	**70**	**51**

● F max. = 363 kN

SN5650-PMO-0125-50°

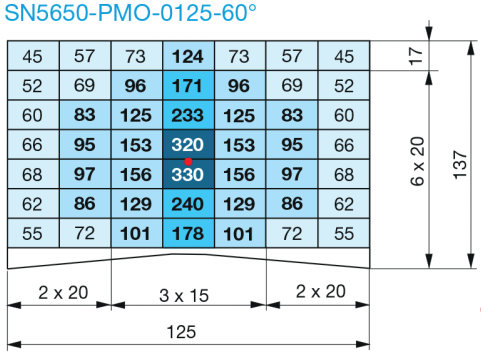


44	57	75	**128**	75	57	44
51	69	**96**	**175**	**96**	69	51
57	**82**	**122**	**233**	**122**	**82**	57
62	**92**	**147**	**319**	**147**	**92**	62
62	**91**	**144**	**300**	**144**	**91**	62
57	**81**	**119**	**223**	**119**	**81**	57
51	69	**94**	**168**	**94**	69	51

44	**57**	**75**	**128**	**75**	**57**	**44**
51	**69**	**96**	**169**	**96**	**69**	**51**
57	**82**	**122**	**169**	**122**	**82**	**57**
62	**92**	**147**	**169**	**147**	**92**	**62**
62	**91**	**144**	**169**	**144**	**91**	**62**
57	**81**	**119**	**169**	**119**	**81**	**57**
51	**69**	**94**	**168**	**94**	**69**	**51**

● F max. = 375 kN

SN5650-PMO-0125-60°

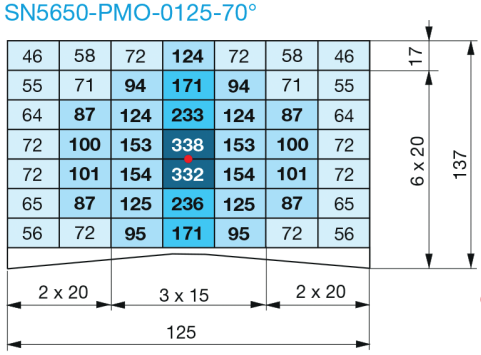


45	57	73	**124**	73	57	45
52	69	**96**	**171**	**96**	69	52
60	**83**	**125**	**233**	**125**	**83**	60
66	**95**	**153**	**320**	**153**	**95**	66
68	**97**	**156**	**330**	**156**	**97**	68
62	**86**	**129**	**240**	**129**	**86**	62
55	72	**101**	**178**	**101**	72	55

45	57	**73**	**124**	**73**	57	45
52	**69**	**96**	**171**	**96**	**69**	52
60	**83**	**125**	**222**	**125**	**83**	60
66	**95**	**153**	**222**	**153**	**95**	66
68	**97**	**156**	**222**	**156**	**97**	**68**
62	**86**	**129**	**222**	**129**	**86**	62
55	**72**	**101**	**178**	**101**	**72**	55

● F max. = 396 kN

SN5650-PMO-0125-70°

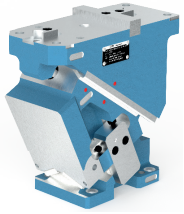


46	58	72	**124**	72	58	46
55	71	**94**	**171**	**94**	71	55
64	**87**	**124**	**233**	**124**	**87**	64
72	**100**	**153**	**338**	**153**	**100**	72
72	**101**	**154**	**332**	**154**	**101**	72
65	**87**	**125**	**236**	**125**	**87**	65
56	72	**95**	**171**	**95**	72	56

47	58	72	**124**	72	58	47
55	71	**94**	**171**	**94**	71	55
64	87	**124**	**233**	**124**	87	64
72	**100**	**153**	**303**	**153**	**100**	72
72	**101**	**154**	**292**	**154**	**101**	72
65	87	**125**	**236**	**125**	87	65
56	72	**95**	**171**	**95**	72	56

● F max. = 409 kN

D 1801D 06.2022

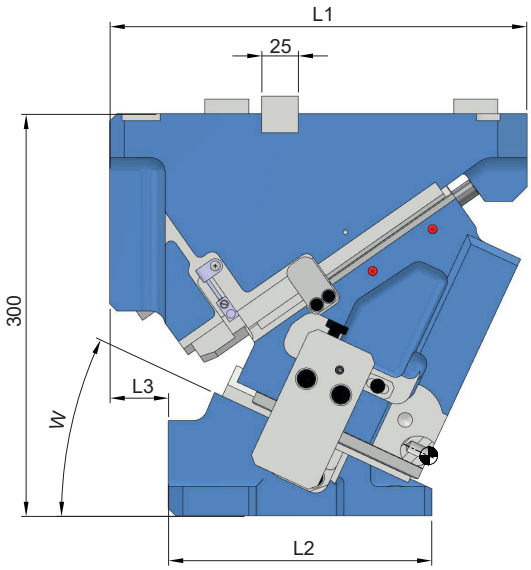


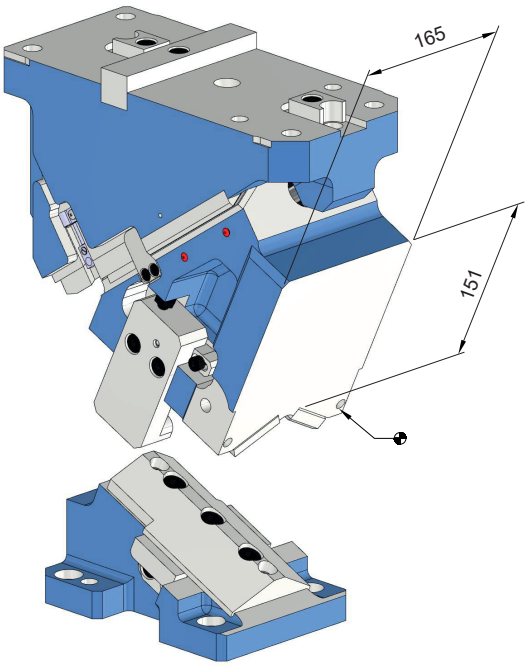
SN5650-PMO-0165-

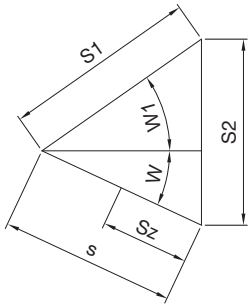
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	165 x 151 mm
Schieberbreite max.	*Cam unit width max.*	165 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 411 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



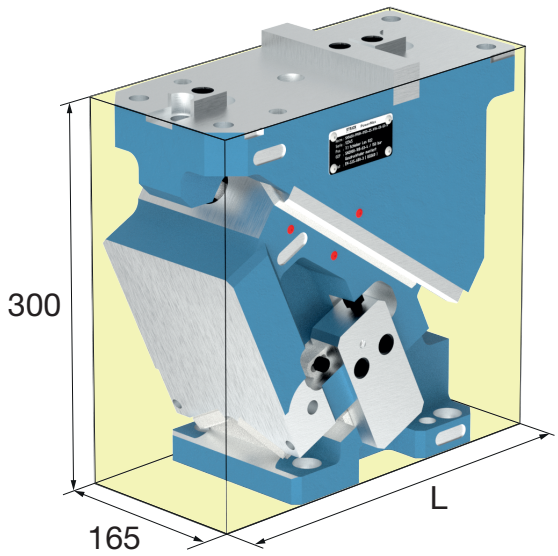
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMO-0165-

Oben hängender Schieber

Aerial cam unit



E0



E1



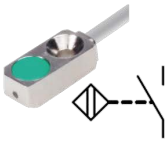
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

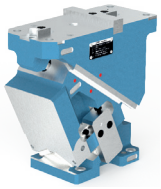
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

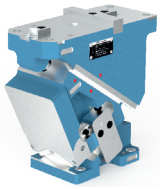
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E0-G0-S0-V04
0°	E0	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E0-G0-S1-V04
0°	E0	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E0-G1-S0-V04
0°	E0	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E0-G1-S1-V04
0°	E1	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E1-G0-S0-V04
0°	E1	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E1-G0-S1-V04
0°	E1	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E1-G1-S0-V04
0°	E1	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0165-00-E1-G1-S1-V04
5°	E0	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E0-G0-S0-V04
5°	E0	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E0-G0-S1-V04
5°	E0	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E0-G1-S0-V04
5°	E0	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E0-G1-S1-V04
5°	E1	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E1-G0-S0-V04
5°	E1	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E1-G0-S1-V04
5°	E1	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E1-G1-S0-V04
5°	E1	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0165-05-E1-G1-S1-V04
10°	E0	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E0-G0-S0-V04
10°	E0	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E0-G0-S1-V04
10°	E0	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E0-G1-S0-V04
10°	E0	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E0-G1-S1-V04
10°	E1	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E1-G0-S0-V04
10°	E1	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E1-G0-S1-V04
10°	E1	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E1-G1-S0-V04
10°	E1	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0165-10-E1-G1-S1-V04
15°	E0	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E0-G0-S0-V04
15°	E0	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E0-G0-S1-V04
15°	E0	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E0-G1-S0-V04
15°	E0	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E0-G1-S1-V04
15°	E1	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E1-G0-S0-V04
15°	E1	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E1-G1-S0-V04
15°	E1	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0165-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0165-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0165-25-E1-G1-S1-V04
30°	E0	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E0-G0-S0-V04
30°	E0	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E0-G0-S1-V04
30°	E0	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E0-G1-S0-V04
30°	E0	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E0-G1-S1-V04
30°	E1	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E1-G0-S0-V04
30°	E1	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E1-G0-S1-V04
30°	E1	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E1-G1-S0-V04
30°	E1	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0165-30-E1-G1-S1-V04
35°	E0	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E0-G0-S0-V04
35°	E0	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E0-G0-S1-V04
35°	E0	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E0-G1-S0-V04
35°	E0	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E0-G1-S1-V04
35°	E1	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E1-G0-S0-V04
35°	E1	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E1-G0-S1-V04
35°	E1	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E1-G1-S0-V04
35°	E1	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0165-35-E1-G1-S1-V04
40°	E0	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E0-G0-S0-V04
40°	E0	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E0-G0-S1-V04
40°	E0	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E0-G1-S0-V04
40°	E0	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E0-G1-S1-V04
40°	E1	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E1-G0-S0-V04
40°	E1	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E1-G0-S1-V04
40°	E1	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E1-G1-S0-V04
40°	E1	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0165-40-E1-G1-S1-V04
45°	E0	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E0-G0-S0-V04
45°	E0	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E0-G0-S1-V04
45°	E0	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E0-G1-S0-V04
45°	E0	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E0-G1-S1-V04
45°	E1	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E1-G0-S0-V04
45°	E1	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E1-G0-S1-V04
45°	E1	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E1-G1-S0-V04
45°	E1	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0165-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E1-G0-S0-V04

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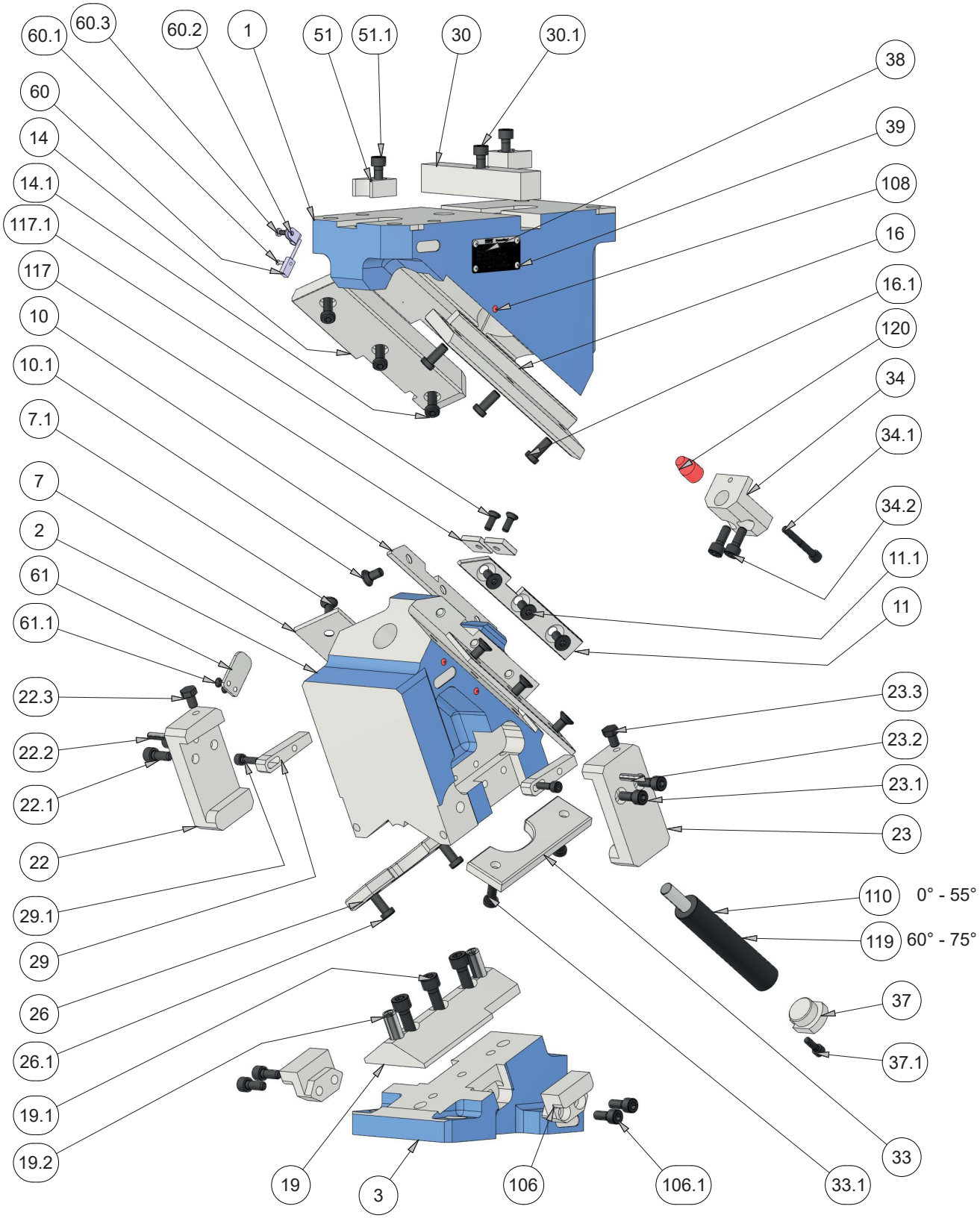


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E1-G0-S1-V04
50°	E1	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0165-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0165-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0165-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0165-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0165-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0165-75-E1-G1-S1-V04

SN5650-PMO-0165-

Bauteile

Components

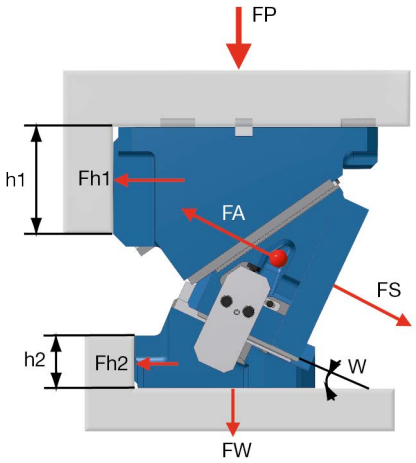


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0165-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	411	386	411	386	0	160	40	41
05°	435	193	206	371	31	150	50	46
10°	459	435	389	356	63	140	60	51
15°	474	218	195	328	86	133	68	52
20°	489	468	350	301	109	125	75	54
25°	507	234	175	272	125	120	75	54
30°	525	506	314	243	140	115	75	55
35°	548	253	157	215	149	108	76	54
40°	571	554	281	187	157	100	76	53
45°	581	277	140	156	152	88	88	52
50°	590	576	231	124	148	75	99	53
55°	607	288	116	98	137	73	112	53
60°	623	612	186	73	126	70	125	53
65°	629	617	164	47	102	70	120	53
70°	651	309	82	31	80	65	128	53
75°	673	666	116	16	58	60	135	52



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

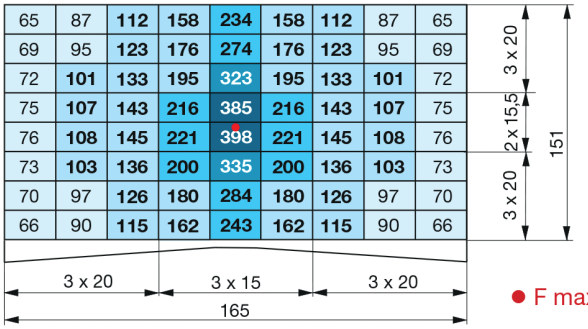
SN5650-PMO-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

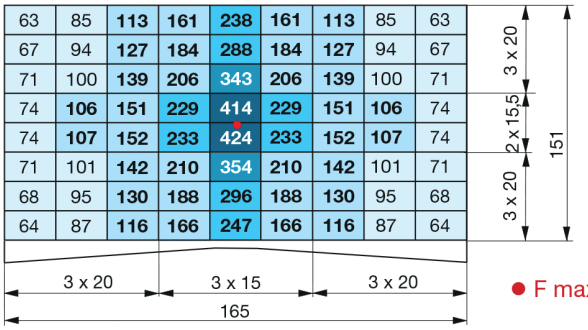
SN5650-PMO-0165-0°



● F max. = 411 kN

53	53	61	66	72	66	61	53	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53

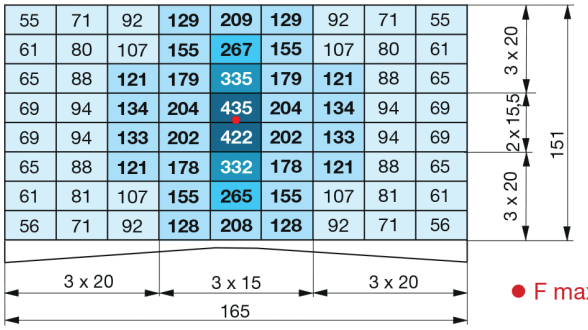
SN5650-PMO-0165-10°



● F max. = 459 kN

59	59	69	78	85	78	69	59	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59

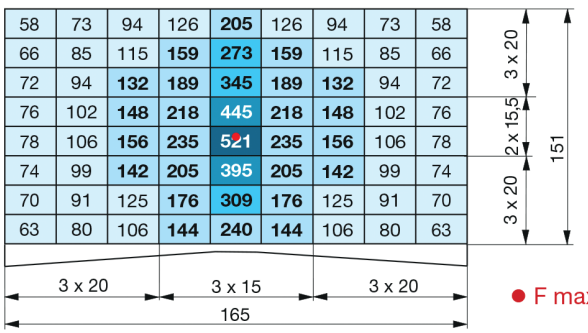
SN5650-PMO-0165-20°



● F max. = 489 kN

55	55	71	87	98	87	71	55	55
61	75	87	97	109	97	87	75	61
64	75	87	97	109	97	87	75	64
64	75	87	97	109	97	87	75	64
64	75	87	97	109	97	87	75	64
64	75	87	97	109	97	87	75	64
61	75	87	97	109	97	87	75	61
56	71	87	98	109	98	87	71	56

SN5650-PMO-0165-30°



● F max. = 525 kN

58	58	73	94	117	94	73	58	58
66	85	103	116	131	116	103	85	66
72	87	103	116	131	116	103	87	72
74	87	103	116	131	116	103	87	74
74	87	103	116	131	116	103	87	74
74	87	103	116	131	116	103	87	74
70	87	103	116	131	116	103	87	70
63	80	103	117	131	117	103	80	63

D 1801D 02.2025

SN5650-PMO-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0165-40°

61	76	100	**135**	**219**	**135**	100	76	61
69	88	122	**171**	**294**	**171**	122	88	69
75	98	**141**	**205**	**379**	**205**	**141**	98	75
80	106	**158**	**239**	**502**	**239**	**158**	106	80
80	106	**157**	**237**	**487**	**237**	**157**	106	80
76	99	**142**	**205**	**376**	**205**	**142**	99	76
70	89	123	**171**	**292**	**171**	123	89	70
62	77	101	**136**	**218**	**136**	101	77	62

3 x 20 | 2 x 15,5 | 3 x 20 = 151

3 x 20 | 3 x 15 | 3 x 20 = 165

● F max. = 571 kN

61	**61**	**76**	**100**	**135**	**100**	**76**	**61**	**61**
69	**88**	**122**	**142**	**160**	**142**	**122**	**88**	**69**
75	**98**	**122**	**141**	**160**	**141**	**122**	**98**	**75**
80	**101**	**122**	**141**	**160**	**141**	**122**	**101**	**80**
80	**101**	**122**	**141**	**160**	**141**	**122**	**101**	**80**
76	**99**	**122**	**141**	**160**	**141**	**122**	**99**	**76**
70	**89**	**122**	**142**	**160**	**142**	**122**	**89**	**70**
62	**77**	**101**	**136**	**160**	**136**	**101**	**77**	**62**

SN5650-PMO-0165-50°

62	76	96	**134**	**210**	**134**	96	76	62
72	90	121	**174**	**292**	**174**	121	90	72
79	102	**143**	**216**	**388**	**216**	**143**	102	79
84	110	**160**	**254**	**517**	**254**	**160**	110	84
84	110	**159**	**251**	**500**	**251**	**159**	110	84
79	102	**143**	**215**	**384**	**215**	**143**	102	79
72	91	121	**174**	**290**	**174**	121	91	72
63	77	98	**135**	**210**	**135**	98	77	63

3 x 20 | 2 x 15,5 | 3 x 20 = 151

3 x 20 | 3 x 15 | 3 x 20 = 165

● F max. = 590 kN

62	**62**	**76**	**96**	**134**	**96**	**76**	**62**	**62**
72	**90**	**121**	**174**	**202**	**174**	**121**	**90**	**72**
79	**102**	**143**	**177**	**202**	**177**	**143**	**102**	**79**
84	**110**	**147**	**177**	**202**	**177**	**147**	**110**	**84**
84	**110**	**147**	**177**	**202**	**177**	**147**	**110**	**84**
79	**102**	**143**	**177**	**202**	**177**	**143**	**102**	**79**
72	**91**	**121**	**174**	**202**	**174**	**121**	**91**	**72**
63	**77**	**98**	**135**	**202**	**135**	**98**	**77**	**63**

SN5650-PMO-0165-60°

65	77	96	126	**201**	126	96	77	65
76	93	121	**170**	**285**	**170**	121	93	76
86	108	**147**	**221**	**387**	**221**	**147**	108	86
92	118	**166**	**264**	**519**	**264**	**166**	118	92
94	121	**171**	**274**	**552**	**274**	**171**	121	94
88	112	**154**	**233**	**416**	**233**	**154**	112	88
80	99	129	**184**	**308**	**184**	129	99	80
69	83	103	137	**220**	137	103	83	69

3 x 20 | 2 x 15,5 | 3 x 20 = 151

3 x 20 | 3 x 15 | 3 x 20 = 165

● F max. = 623 kN

65	65	77	**96**	**126**	**96**	77	65	65
76	**93**	**121**	**170**	**265**	**170**	**121**	**93**	76
86	**108**	**147**	**221**	**265**	**221**	**147**	**108**	**86**
92	**118**	**166**	**233**	**265**	**233**	**166**	**118**	**92**
94	**121**	**171**	**233**	**265**	**233**	**171**	**121**	**94**
88	**112**	**154**	**233**	**265**	**233**	**154**	**112**	**88**
80	**99**	**129**	**184**	**265**	**184**	**129**	**99**	**80**
69	**83**	**103**	**137**	**220**	**137**	**103**	**83**	69

SN5650-PMO-0165-70°

70	81	98	119	**199**	119	98	81	70
83	100	125	**161**	**284**	**161**	125	100	83
95	118	**156**	**214**	**393**	**214**	**156**	118	95
104	132	**179**	**262**	**542**	**262**	**179**	132	104
106	134	**184**	**271**	**570**	**271**	**184**	134	106
98	123	**162**	**226**	**419**	**226**	**162**	123	98
87	106	133	**173**	**305**	**173**	133	106	87
74	87	105	128	**215**	128	105	87	74

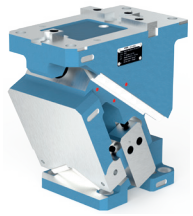
3 x 20 | 2 x 15,5 | 3 x 20 = 151

3 x 20 | 3 x 15 | 3 x 20 = 165

● F max. = 651 kN

70	70	81	98	**119**	98	81	70	70
83	100	**125**	**161**	**284**	**161**	**125**	100	83
95	**118**	**156**	**214**	**353**	**214**	**156**	**118**	95
104	**132**	**179**	**262**	**381**	**262**	**179**	**132**	104
106	**134**	**184**	**269**	**381**	**269**	**184**	**134**	106
98	**123**	**162**	**226**	**364**	**226**	**162**	**123**	98
87	106	**133**	**173**	**305**	**173**	**133**	106	87
74	87	105	**128**	**215**	**128**	105	87	74

D 1801D 06.2022

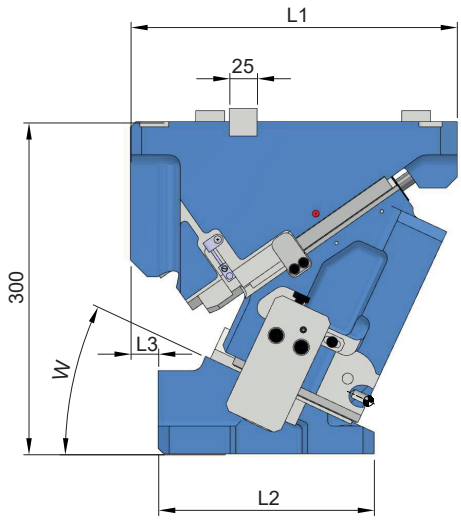


SN5650-PMO-0180-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	180 x 151 mm
Schieberbreite max.	*Cam unit width max.*	180 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 411 kN



Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



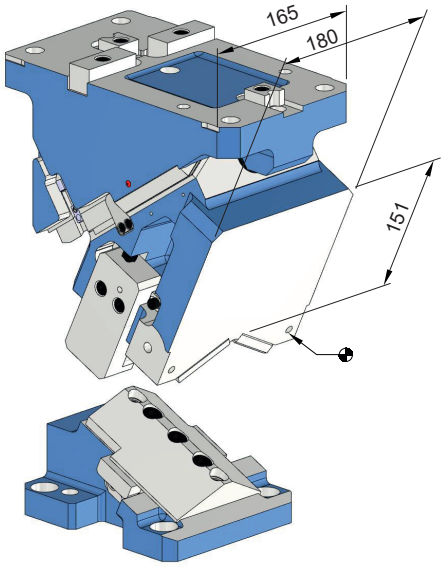
Pos. 1

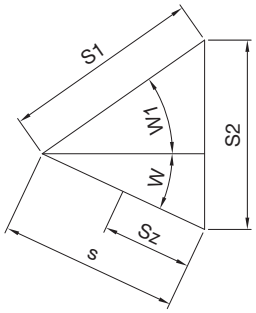
Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended





Sz = Eingriffslänge Aktivrückzug

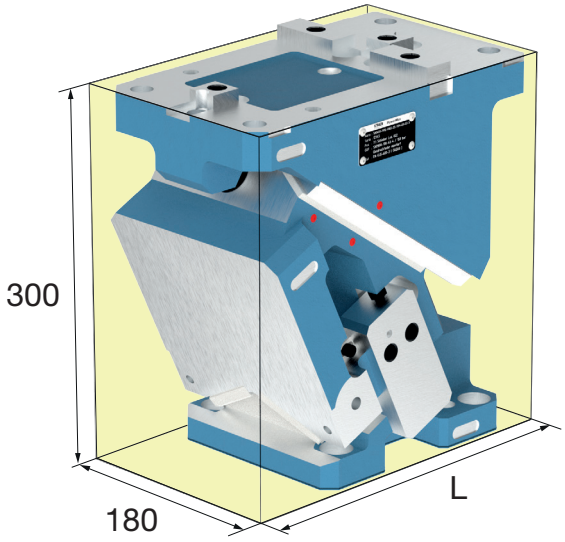
Sz = Engagement length of activ return

D 1801D 02.2025

SN5650-PMO-0180-

Oben hängender Schieber

Aerial cam unit



E0



E1



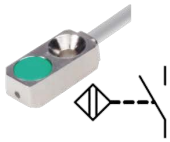
G0



S0



S1

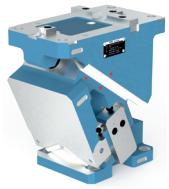


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

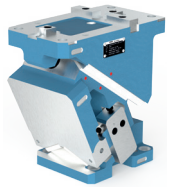
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E0-G0-S0-V04
0°	E0	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E0-G0-S1-V04
0°	E0	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E0-G1-S0-V04
0°	E0	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E0-G1-S1-V04
0°	E1	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E1-G0-S0-V04
0°	E1	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E1-G0-S1-V04
0°	E1	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E1-G1-S0-V04
0°	E1	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMO-0180-00-E1-G1-S1-V04
5°	E0	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E0-G0-S0-V04
5°	E0	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E0-G0-S1-V04
5°	E0	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E0-G1-S0-V04
5°	E0	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E0-G1-S1-V04
5°	E1	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E1-G0-S0-V04
5°	E1	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E1-G0-S1-V04
5°	E1	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E1-G1-S0-V04
5°	E1	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMO-0180-05-E1-G1-S1-V04
10°	E0	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E0-G0-S0-V04
10°	E0	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E0-G0-S1-V04
10°	E0	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E0-G1-S0-V04
10°	E0	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E0-G1-S1-V04
10°	E1	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E1-G0-S0-V04
10°	E1	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E1-G0-S1-V04
10°	E1	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E1-G1-S0-V04
10°	E1	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMO-0180-10-E1-G1-S1-V04
15°	E0	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E0-G0-S0-V04
15°	E0	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E0-G0-S1-V04
15°	E0	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E0-G1-S0-V04
15°	E0	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E0-G1-S1-V04
15°	E1	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E1-G0-S0-V04
15°	E1	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E1-G0-S1-V04
15°	E1	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMO-0180-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMO-0180-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMO-0180-25-E1-G1-S1-V04
30°	E0	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E0-G0-S0-V04
30°	E0	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E0-G0-S1-V04
30°	E0	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E0-G1-S0-V04
30°	E0	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E0-G1-S1-V04
30°	E1	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E1-G0-S0-V04
30°	E1	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E1-G0-S1-V04
30°	E1	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E1-G1-S0-V04
30°	E1	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMO-0180-30-E1-G1-S1-V04
35°	E0	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E0-G0-S0-V04
35°	E0	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E0-G0-S1-V04
35°	E0	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E0-G1-S0-V04
35°	E0	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E0-G1-S1-V04
35°	E1	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E1-G0-S0-V04
35°	E1	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E1-G0-S1-V04
35°	E1	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E1-G1-S0-V04
35°	E1	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMO-0180-35-E1-G1-S1-V04
40°	E0	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E0-G0-S0-V04
40°	E0	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E0-G0-S1-V04
40°	E0	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E0-G1-S0-V04
40°	E0	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E0-G1-S1-V04
40°	E1	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E1-G0-S0-V04
40°	E1	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E1-G0-S1-V04
40°	E1	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E1-G1-S0-V04
40°	E1	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMO-0180-40-E1-G1-S1-V04
45°	E0	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E0-G0-S0-V04
45°	E0	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E0-G0-S1-V04
45°	E0	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E0-G1-S0-V04
45°	E0	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E0-G1-S1-V04
45°	E1	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E1-G0-S0-V04
45°	E1	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E1-G0-S1-V04
45°	E1	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E1-G1-S0-V04
45°	E1	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMO-0180-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E1-G0-S0-V04
50°	E1	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E1-G0-S1-V04

D 1801D 02.2025

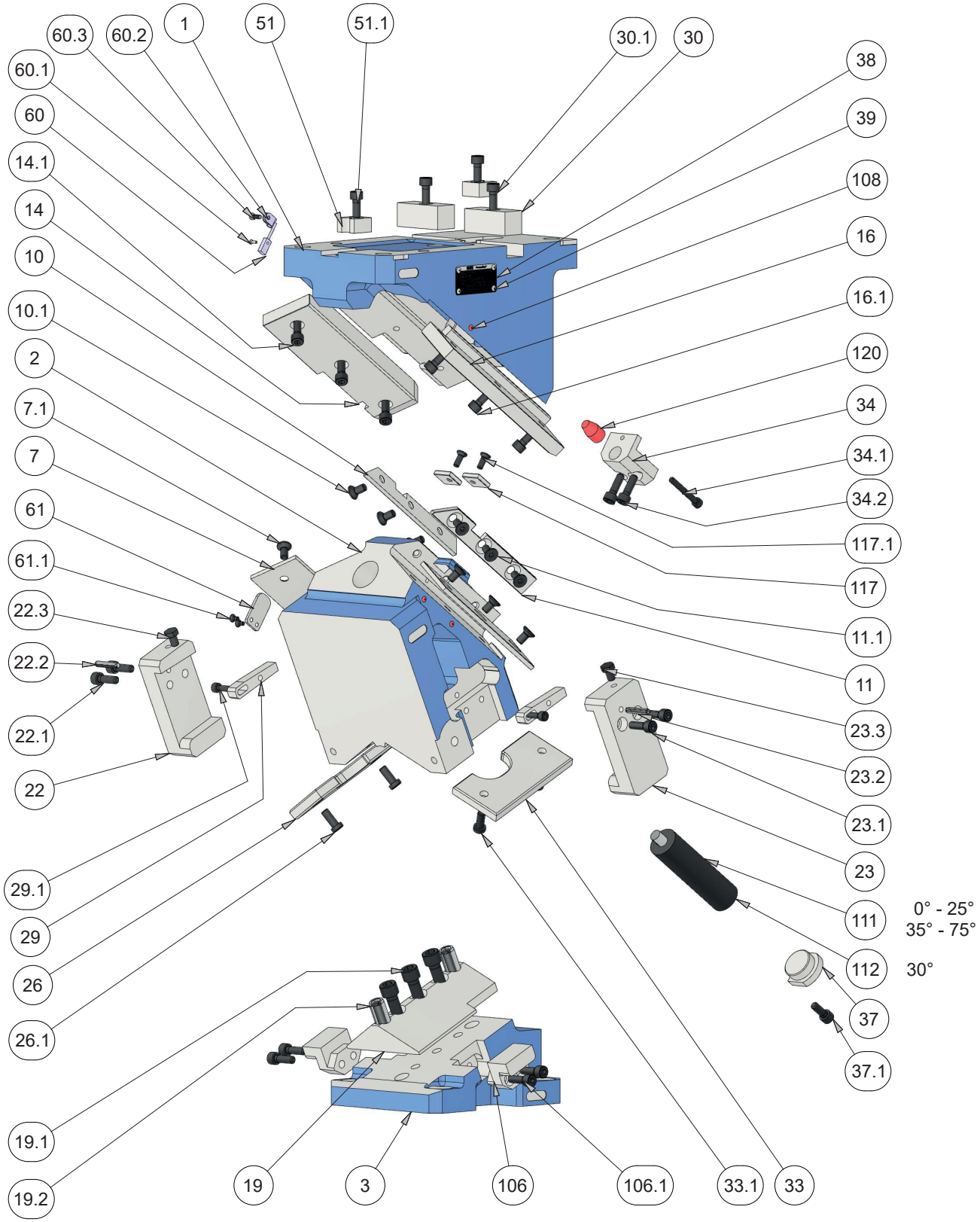


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMO-0180-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMO-0180-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMO-0180-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMO-0180-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMO-0180-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMO-0180-75-E1-G1-S1-V04

SN5650-PMO-0180-

Bauteile

Components

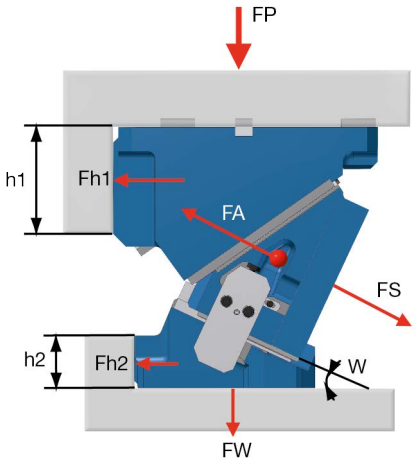


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0180-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	411	386	411	386	0	160	40	41
05°	435	193	206	371	31	150	50	46
10°	459	435	389	356	63	140	60	51
15°	474	218	195	328	86	133	68	52
20°	489	468	350	301	109	125	75	54
25°	507	234	175	272	125	120	75	54
30°	525	506	314	243	140	115	75	55
35°	548	253	157	215	149	108	76	54
40°	571	554	281	187	157	100	76	53
45°	581	277	140	156	152	88	88	52
50°	590	576	231	124	148	75	99	53
55°	607	288	116	98	137	73	112	53
60°	623	612	186	73	126	70	125	53
65°	629	617	164	47	102	70	120	53
70°	651	309	82	31	80	65	128	53
75°	673	666	116	16	58	60	135	52



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0180-0°

57	77	99	142	234	142	99	77	57
60	82	108	157	275	157	108	82	60
62	87	116	172	325	172	116	87	62
64	91	124	188	388	188	124	91	64
64	90	122	184	371	184	122	90	64
62	86	115	169	315	169	115	86	62
59	81	107	155	268	155	107	81	59
56	76	98	140	228	140	98	76	56

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 413 kN

53	53	61	66	72	66	61	53	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53
53	61	66	72	78	72	66	61	53

SN5650-PMO-0180-10°

63	85	113	161	238	161	113	85	63
67	94	127	184	288	184	127	94	67
71	100	139	206	343	206	139	100	71
74	106	151	229	414	229	151	106	74
74	107	152	233	424	233	152	107	74
71	101	142	210	354	210	142	101	71
68	95	130	188	296	188	130	95	68
64	87	116	166	247	166	116	87	64

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 459 kN

59	59	69	78	85	78	69	59	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59
59	69	78	85	92	85	78	69	59

SN5650-PMO-0180-20°

55	71	92	129	209	129	92	71	55
61	80	107	155	267	155	107	80	61
65	88	121	179	335	179	121	88	65
69	94	134	204	435	204	134	94	69
69	94	133	202	422	202	133	94	69
65	88	121	178	332	178	121	88	65
61	81	107	155	265	155	107	81	61
56	71	92	128	208	128	92	71	56

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 489 kN

55	55	71	87	98	87	71	55	55
61	75	87	97	109	97	87	75	61
64	75	87	97	109	97	87	75	64
64	75	87	97	109	97	87	75	64
64	75	87	97	109	97	87	75	64
64	75	87	97	109	97	87	75	64
61	75	87	97	109	97	87	75	61
56	71	87	98	109	98	87	71	56

SN5650-PMO-0180-30°

58	73	94	126	205	126	94	73	58
66	85	115	159	273	159	115	85	66
72	94	132	189	345	189	132	94	72
76	102	148	218	445	218	148	102	76
78	106	156	235	521	235	156	106	78
74	99	142	205	395	205	142	99	74
70	91	125	176	309	176	125	91	70
63	80	106	144	240	144	106	80	63

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 525 kN

58	58	73	94	117	94	73	58	58
66	85	103	116	131	116	103	85	66
72	87	103	116	131	116	103	87	72
74	87	103	116	131	116	103	87	74
74	87	103	116	131	116	103	87	74
74	87	103	116	131	116	103	87	74
70	87	103	116	131	116	103	87	70
63	80	103	117	131	117	103	80	63

SN5650-PMO-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0180-40°

61	76	100	**135**	**219**	**135**	100	76	61
69	88	122	**171**	**294**	**171**	122	88	69
75	98	**141**	**205**	**379**	**205**	**141**	98	75
80	106	**158**	**239**	**502**	**239**	**158**	106	80
80	106	**157**	**237**	**487**	**237**	**157**	106	80
76	99	**142**	**205**	**376**	**205**	**142**	99	76
70	89	123	**171**	**292**	**171**	123	89	70
62	77	101	**136**	**218**	**136**	101	77	62

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 571 kN

61	**61**	**76**	**100**	**135**	**100**	**76**	**61**	**61**
69	**88**	**122**	**142**	**160**	**142**	**122**	**88**	**69**
75	**98**	**122**	**141**	**160**	**141**	**122**	**98**	**75**
80	**101**	**122**	**141**	**160**	**141**	**122**	**101**	**80**
80	**101**	**122**	**141**	**160**	**141**	**122**	**101**	**80**
76	**99**	**122**	**141**	**160**	**141**	**122**	**99**	**76**
70	**89**	**122**	**142**	**160**	**142**	**122**	**89**	**70**
62	**77**	**101**	**136**	**160**	**136**	**101**	**77**	**62**

SN5650-PMO-0180-50°

62	76	96	**134**	**210**	**134**	96	76	62
72	90	121	**174**	**292**	**174**	121	90	72
79	102	**143**	**216**	**388**	**216**	**143**	102	79
84	110	**160**	**254**	**517**	**254**	**160**	110	84
84	110	**159**	**251**	**500**	**251**	**159**	110	84
79	102	**143**	**215**	**384**	**215**	**143**	102	79
72	91	121	**174**	**290**	**174**	121	91	72
63	77	98	**135**	**210**	**135**	98	77	63

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 590 kN

62	**62**	**76**	**96**	**134**	**96**	**76**	**62**	**62**
72	**90**	**121**	**174**	**202**	**174**	**121**	**90**	**72**
79	**102**	**143**	**177**	**202**	**177**	**143**	**102**	**79**
84	**110**	**147**	**177**	**202**	**177**	**147**	**110**	**84**
84	**110**	**147**	**177**	**202**	**177**	**147**	**110**	**84**
79	**102**	**143**	**177**	**202**	**177**	**143**	**102**	**79**
72	**91**	**121**	**174**	**202**	**174**	**121**	**91**	**72**
63	**77**	**98**	**135**	**202**	**135**	**98**	**77**	**63**

SN5650-PMO-0180-60°

65	77	96	126	**201**	126	96	77	65
76	93	121	**170**	**285**	**170**	121	93	76
86	108	**147**	**221**	**387**	**221**	**147**	108	86
92	118	**166**	**264**	**519**	**264**	**166**	118	92
94	121	**171**	**274**	**552**	**274**	**171**	121	94
88	112	**154**	**233**	**416**	**233**	**154**	112	88
80	99	129	**184**	**308**	**184**	129	99	80
69	83	103	137	**220**	137	103	83	69

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 623 kN

65	65	77	**96**	**126**	**96**	77	65	65
76	**93**	**121**	**170**	**265**	**170**	**121**	**93**	76
86	**108**	**147**	**221**	**265**	**221**	**147**	**108**	**86**
92	**118**	**166**	**233**	**265**	**233**	**166**	**118**	**92**
94	**121**	**171**	**233**	**265**	**233**	**171**	**121**	**94**
88	**112**	**154**	**233**	**265**	**233**	**154**	**112**	**88**
80	**99**	**129**	**184**	**265**	**184**	**129**	**99**	**80**
69	**83**	**103**	**137**	**220**	**137**	**103**	**83**	69

SN5650-PMO-0180-70°

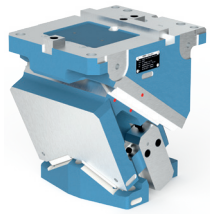
70	81	98	119	**199**	119	98	81	70
83	100	125	**161**	**284**	**161**	125	100	83
95	118	**156**	**214**	**393**	**214**	**156**	118	95
104	132	**179**	**262**	**542**	**262**	**179**	132	104
106	134	**184**	**271**	**570**	**271**	**184**	134	106
98	123	**162**	**226**	**419**	**226**	**162**	123	98
87	106	133	**173**	**305**	**173**	133	106	87
74	87	105	128	**215**	128	105	87	74

3 x 20 / 2 x 15,5 / 3 x 20 = 151

9 x 20 = 180

● F max. = 651 kN

70	70	81	98	**119**	98	81	70	70
83	100	**125**	**161**	**284**	**161**	**125**	100	83
95	**118**	**156**	**214**	**353**	**214**	**156**	**118**	95
104	**132**	**179**	**262**	**381**	**262**	**179**	**132**	104
106	**134**	**184**	**269**	**381**	**269**	**184**	**134**	106
98	**123**	**162**	**226**	**364**	**226**	**162**	**123**	98
87	106	**133**	**173**	**305**	**173**	**133**	106	87
74	87	105	**128**	**215**	**128**	105	87	74

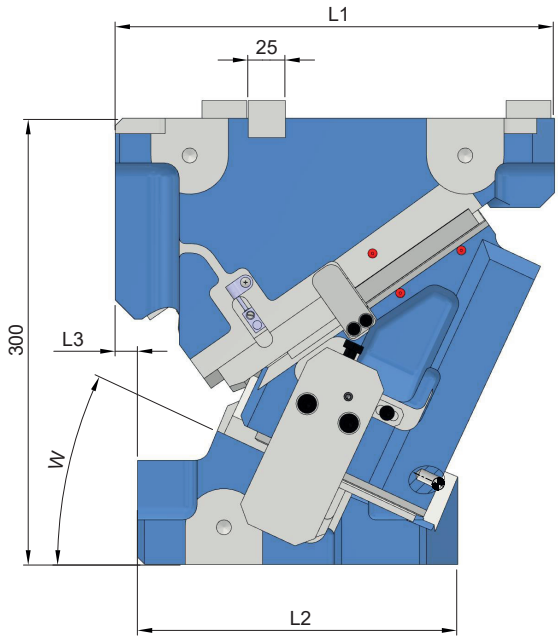


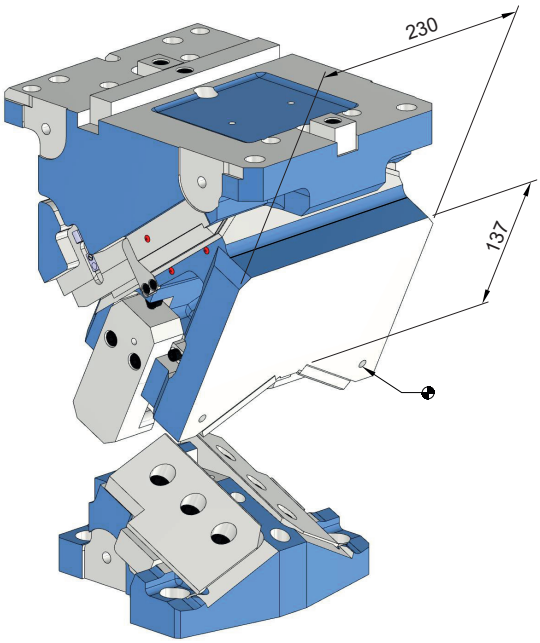
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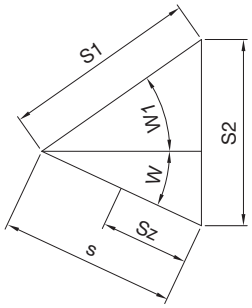
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	230 x 137 mm
Schieberbreite max.	*Cam unit width max.*	230 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 490 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



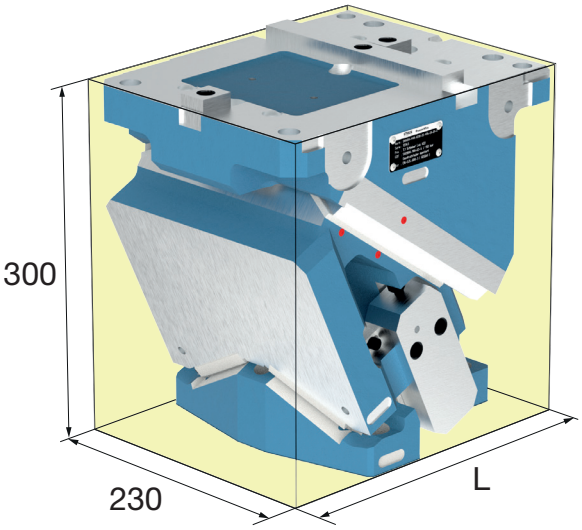
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMO-0230-

Oben hängender Schieber

Aerial cam unit



E0



E1



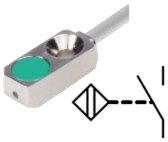
G0



S0



S1

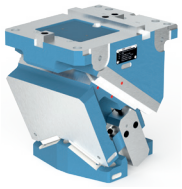


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

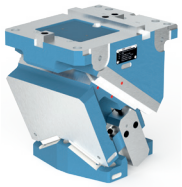
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E0-G0-S0-V04
0°	E0	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E0-G0-S1-V04
0°	E0	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E0-G1-S0-V04
0°	E0	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E0-G1-S1-V04
0°	E1	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E1-G0-S0-V04
0°	E1	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E1-G0-S1-V04
0°	E1	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E1-G1-S0-V04
0°	E1	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0230-00-E1-G1-S1-V04
5°	E0	G0	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E0-G0-S0-V04
5°	E0	G0	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E0-G0-S1-V04
5°	E0	G1	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E0-G1-S0-V04
5°	E0	G1	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E0-G1-S1-V04
5°	E1	G0	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E1-G0-S0-V04
5°	E1	G0	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E1-G0-S1-V04
5°	E1	G1	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E1-G1-S0-V04
5°	E1	G1	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMO-0230-05-E1-G1-S1-V04
10°	E0	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E0-G0-S0-V04
10°	E0	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E0-G0-S1-V04
10°	E0	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E0-G1-S0-V04
10°	E0	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E0-G1-S1-V04
10°	E1	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E1-G0-S0-V04
10°	E1	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E1-G0-S1-V04
10°	E1	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E1-G1-S0-V04
10°	E1	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0230-10-E1-G1-S1-V04
15°	E0	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E0-G0-S0-V04
15°	E0	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E0-G0-S1-V04
15°	E0	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E0-G1-S0-V04
15°	E0	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E0-G1-S1-V04
15°	E1	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E1-G0-S0-V04
15°	E1	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E1-G0-S1-V04
15°	E1	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0230-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0230-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0230-25-E1-G1-S1-V04
30°	E0	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E0-G0-S0-V04
30°	E0	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E0-G0-S1-V04
30°	E0	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E0-G1-S0-V04
30°	E0	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E0-G1-S1-V04
30°	E1	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E1-G0-S0-V04
30°	E1	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E1-G0-S1-V04
30°	E1	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E1-G1-S0-V04
30°	E1	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0230-30-E1-G1-S1-V04
35°	E0	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E0-G0-S0-V04
35°	E0	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E0-G0-S1-V04
35°	E0	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E0-G1-S0-V04
35°	E0	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E0-G1-S1-V04
35°	E1	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E1-G0-S0-V04
35°	E1	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E1-G0-S1-V04
35°	E1	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E1-G1-S0-V04
35°	E1	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0230-35-E1-G1-S1-V04
40°	E0	G0	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E0-G0-S0-V04
40°	E0	G0	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E0-G0-S1-V04
40°	E0	G1	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E0-G1-S0-V04
40°	E0	G1	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E0-G1-S1-V04
40°	E1	G0	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E1-G0-S0-V04
40°	E1	G0	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E1-G0-S1-V04
40°	E1	G1	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E1-G1-S0-V04
40°	E1	G1	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMO-0230-40-E1-G1-S1-V04
45°	E0	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E0-G0-S0-V04
45°	E0	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E0-G0-S1-V04
45°	E0	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E0-G1-S0-V04
45°	E0	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E0-G1-S1-V04
45°	E1	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E1-G0-S0-V04
45°	E1	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E1-G0-S1-V04
45°	E1	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E1-G1-S0-V04
45°	E1	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0230-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E1-G0-S0-V04
50°	E1	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E1-G0-S1-V04

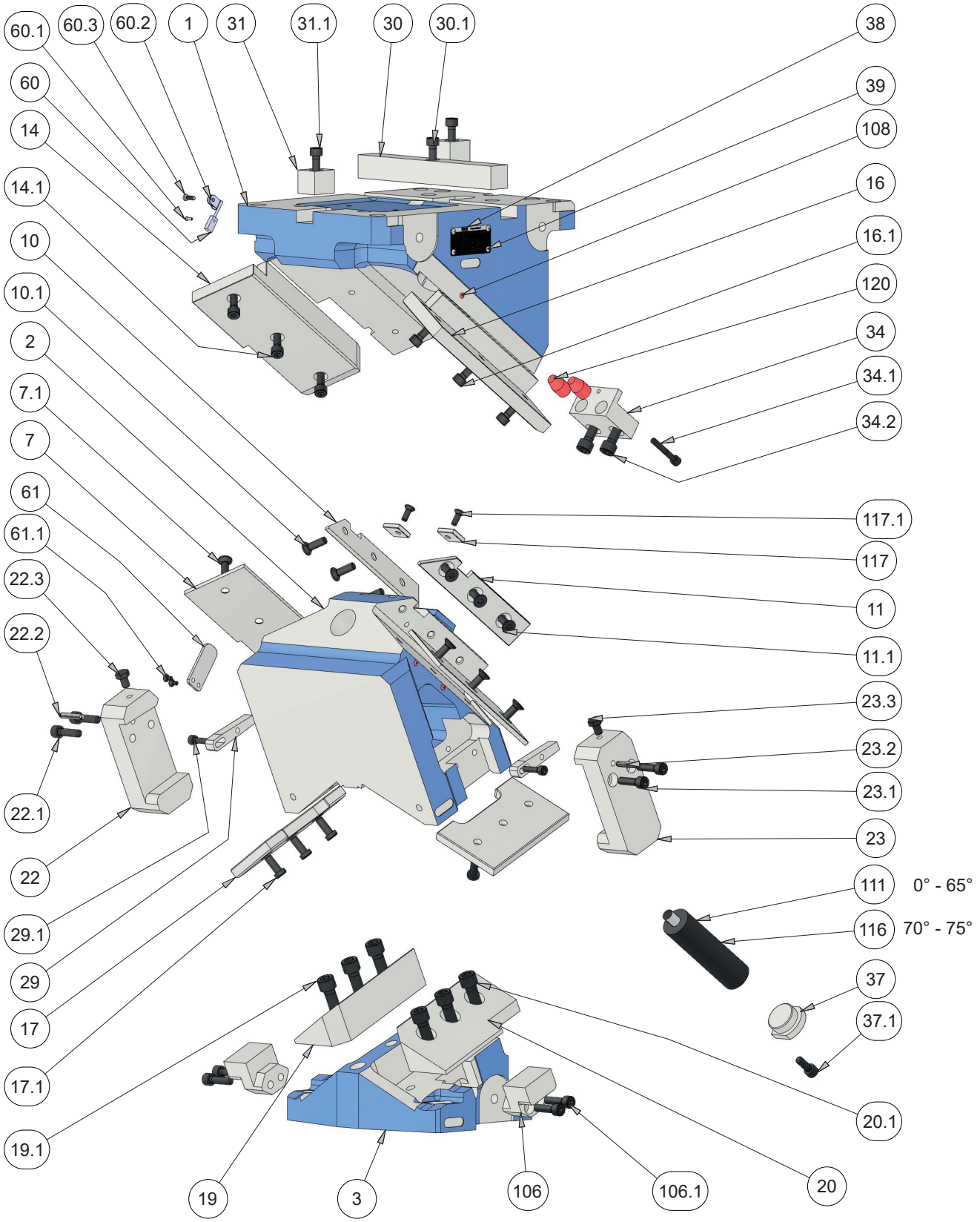
D 1801D 02.2025



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0230-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0230-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0230-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0230-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0230-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0230-75-E1-G1-S1-V04

SN5650-PMO-0230-

Bauteile
Components

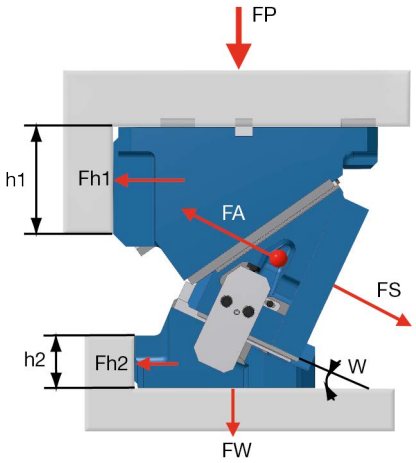


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0230-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	490	460	490	460	0	152	40	46
05°	525	495	482	446	38	145	50	45
10°	559	530	474	433	76	137	60	44
15°	577	549	450	399	105	130	68	43
20°	595	569	426	365	133	122	75	42
25°	610	585	400	327	150	122	75	44
30°	624	601	374	289	167	122	75	45
35°	660	637	358	258	179	115	73	48
40°	695	674	342	227	191	107	71	50
45°	707	688	312	189	185	97	83	51
50°	718	701	282	151	180	87	95	54
55°	714	699	247	117	162	85	109	51
60°	710	697	212	83	143	82	122	53
65°	718	705	188	54	116	80	120	52
70°	735	722	206	84	122	76	115	53
75°	752	744	130	17	65	65	135	52



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0230-0°

57	77	103	**139**	**190**	**280**	**190**	**139**	103	77	57
60	82	111	**151**	**210**	**325**	**210**	**151**	111	82	60
62	86	**119**	**164**	**233**	**382**	**233**	**164**	**119**	86	62
64	90	**126**	**177**	**261**	**463**	**261**	**177**	**126**	90	64
64	90	**127**	**178**	**262**	**467**	**262**	**178**	**127**	90	64
62	86	**119**	**164**	**234**	**385**	**234**	**164**	**119**	86	62
60	82	112	**152**	**212**	**327**	**212**	**152**	112	82	60

17 | 6 x 20 | 137

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**
50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**
50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**
50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**
50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**
50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**
50	**61**	**73**	**83**	**92**	**104**	**92**	**83**	**73**	**61**	**50**

● F max. = 490 kN

SN5650-PMO-0230-10°

57	76	107	**141**	**194**	**284**	**194**	**141**	107	76	57
60	81	117	**157**	**219**	**339**	**219**	**157**	117	81	60
62	86	**126**	**171**	**245**	**404**	**245**	**171**	**126**	86	62
64	89	**135**	**186**	**276**	**496**	**276**	**186**	**135**	89	64
65	90	**135**	**187**	**276**	**496**	**276**	**187**	**135**	90	65
63	86	**127**	**172**	**245**	**404**	**245**	**172**	**127**	86	63
60	82	118	**157**	**220**	**339**	**220**	**157**	118	82	60

17 | 6 x 20 | 137

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

53	**65**	**83**	**95**	**108**	**122**	**108**	**95**	**83**	**65**	**53**
53	**65**	**82**	**95**	**108**	**122**	**108**	**95**	**82**	**65**	**53**
53	**65**	**82**	**95**	**108**	**122**	**108**	**95**	**82**	**65**	**53**
53	**65**	**82**	**95**	**108**	**122**	**108**	**95**	**82**	**65**	**53**
53	**65**	**82**	**95**	**108**	**122**	**108**	**95**	**82**	**65**	**53**
53	**65**	**82**	**95**	**108**	**122**	**108**	**95**	**82**	**65**	**53**
53	**65**	**82**	**95**	**108**	**122**	**108**	**95**	**82**	**65**	**53**

● F max. = 559 kN

SN5650-PMO-0230-20°

53	68	90	112	**159**	**249**	**159**	112	90	68	53
57	75	101	**130**	**189**	**313**	**189**	**130**	101	75	57
60	80	111	**148**	**218**	**391**	**218**	**148**	111	80	60
63	85	121	**166**	**253**	**517**	**253**	**166**	121	85	63
63	85	120	**163**	**247**	**488**	**247**	**163**	120	85	63
60	80	110	**145**	**213**	**374**	**213**	**145**	110	80	60
57	74	100	127	**184**	**300**	**184**	127	100	74	57

17 | 6 x 20 | 137

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

53	**67**	**86**	**103**	**122**	**146**	**122**	**103**	**86**	**67**	**53**
55	**67**	**85**	**102**	**121**	**146**	**121**	**102**	**85**	**67**	**55**
55	**67**	**85**	**102**	**121**	**146**	**121**	**102**	**85**	**67**	**55**
55	**67**	**85**	**102**	**121**	**146**	**121**	**102**	**85**	**67**	**55**
55	**67**	**85**	**102**	**121**	**146**	**121**	**102**	**85**	**67**	**55**
55	**67**	**85**	**102**	**121**	**146**	**121**	**102**	**85**	**67**	**55**
55	**67**	**85**	**102**	**121**	**146**	**121**	**102**	**85**	**67**	**55**

● F max. = 595 kN

SN5650-PMO-0230-30°

58	72	92	115	**158**	**242**	**158**	115	92	72	58
64	82	108	139	**195**	**317**	**195**	139	108	82	64
69	90	122	**162**	**233**	**403**	**233**	**162**	122	90	69
73	96	134	**184**	**272**	**530**	**272**	**184**	134	96	73
75	99	140	**194**	**291**	**602**	**291**	**194**	140	99	75
71	93	128	**172**	**248**	**444**	**248**	**172**	128	93	71
67	86	115	150	**212**	**350**	**212**	150	115	86	67

17 | 6 x 20 | 137

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

58	**72**	**92**	**115**	**143**	**175**	**143**	**115**	**92**	**72**	**58**
61	**75**	**96**	**119**	**142**	**175**	**142**	**119**	**96**	**75**	**61**
61	**75**	**96**	**118**	**142**	**175**	**142**	**118**	**96**	**75**	**61**
61	**75**	**96**	**118**	**142**	**175**	**142**	**118**	**96**	**75**	**61**
61	**75**	**96**	**118**	**142**	**175**	**142**	**118**	**96**	**75**	**61**
61	**75**	**96**	**118**	**142**	**175**	**142**	**118**	**96**	**75**	**61**
61	**75**	**96**	**118**	**142**	**175**	**142**	**118**	**96**	**75**	**61**

● F max. = 624 kN

SN5650-PMO-0230-

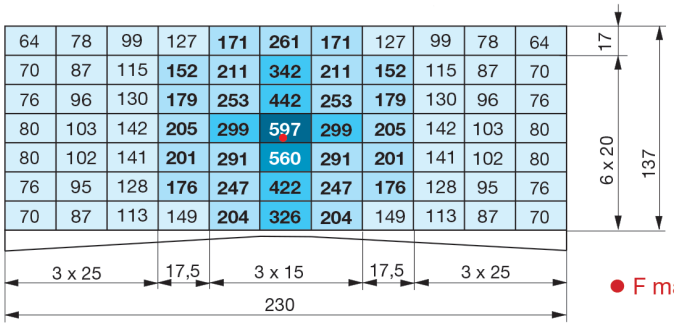
Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0230-40°

64	78	99	127	**171**	**261**	**171**	127	99	78	64
70	87	115	**152**	**211**	**342**	**211**	**152**	115	87	70
76	96	130	**179**	**253**	**442**	**253**	**179**	130	96	76
80	103	142	**205**	**299**	**597**	**299**	**205**	142	103	80
80	102	141	**201**	**291**	**560**	**291**	**201**	141	102	80
76	95	128	**176**	**247**	**422**	**247**	**176**	128	95	76
70	87	113	149	**204**	**326**	**204**	149	113	87	70

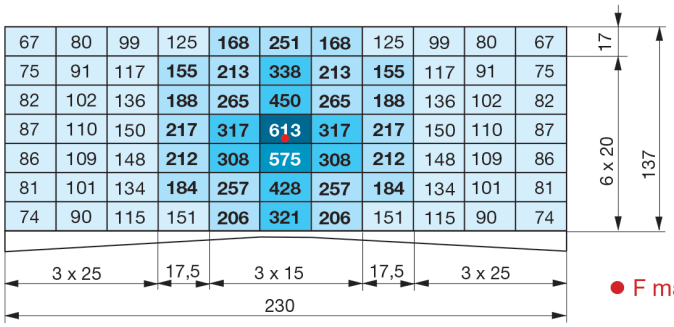


64	**78**	**99**	**127**	**171**	**213**	**171**	**127**	**99**	**78**	**64**
70	**85**	**110**	**142**	**172**	**213**	**172**	**142**	**110**	**85**	**70**
70	**85**	**110**	**141**	**171**	**213**	**171**	**141**	**110**	**85**	**70**
70	**85**	**110**	**141**	**171**	**213**	**171**	**141**	**110**	**85**	**70**
70	**85**	**110**	**141**	**171**	**213**	**171**	**141**	**110**	**85**	**70**
70	**85**	**110**	**141**	**171**	**213**	**171**	**141**	**110**	**85**	**70**
70	**85**	**110**	**142**	**172**	**213**	**172**	**142**	**110**	**85**	**70**

● F max. = 695 kN

SN5650-PMO-0230-50°

67	80	99	125	**168**	**251**	**168**	125	99	80	67
75	91	117	**155**	**213**	**338**	**213**	**155**	117	91	75
82	102	136	**188**	**265**	**450**	**265**	**188**	136	102	82
87	110	150	**217**	**317**	**613**	**317**	**217**	150	110	87
86	109	148	**212**	**308**	**575**	**308**	**212**	148	109	86
81	101	134	**184**	**257**	**428**	**257**	**184**	134	101	81
74	90	115	151	**206**	**321**	**206**	151	115	90	74

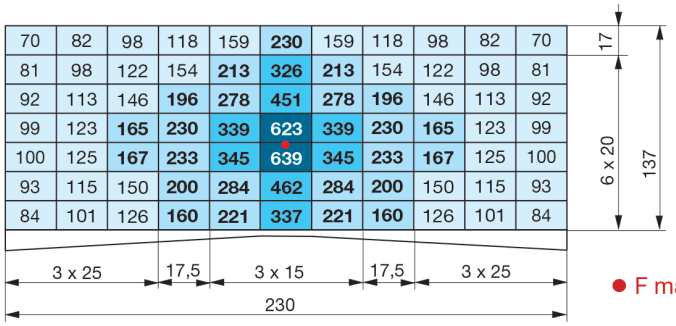


67	80	**99**	**125**	**168**	**251**	**168**	**125**	**99**	80	67
75	**91**	**117**	**155**	**213**	**268**	**213**	**155**	**117**	**91**	75
82	**102**	**131**	**173**	**214**	**268**	**214**	**173**	**131**	**102**	**82**
83	**102**	**131**	**173**	**214**	**268**	**214**	**173**	**131**	**102**	**83**
83	**102**	**131**	**173**	**214**	**268**	**214**	**173**	**131**	**102**	**83**
81	**101**	**131**	**173**	**214**	**268**	**214**	**173**	**131**	**101**	**81**
74	**90**	**115**	**151**	**206**	**268**	**206**	**151**	**115**	**90**	74

● F max. = 718 kN

SN5650-PMO-0230-60°

70	82	98	118	159	**230**	159	118	98	82	70
81	98	122	154	**213**	**326**	**213**	154	122	98	81
92	113	146	**196**	**278**	**451**	**278**	**196**	146	113	92
99	123	**165**	**230**	**339**	**623**	**339**	**230**	**165**	123	99
100	125	**167**	**233**	**345**	**639**	**345**	**233**	**167**	125	100
93	115	150	**200**	**284**	**462**	**284**	**200**	150	115	93
84	101	126	**160**	**221**	**337**	**221**	**160**	126	101	84

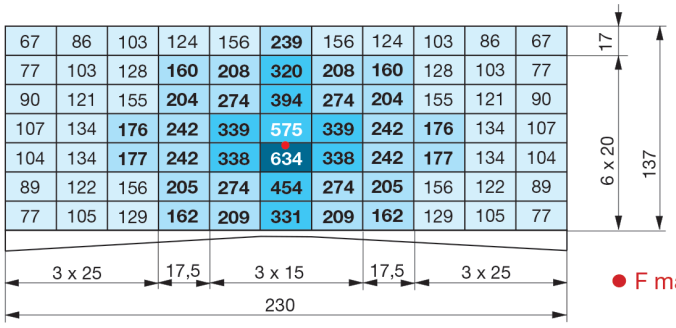


70	82	98	**118**	**159**	**230**	**159**	**118**	98	82	70
81	98	**122**	**154**	**213**	**326**	**213**	**154**	**122**	98	81
92	**113**	**146**	**196**	**278**	**352**	**278**	**196**	**146**	**113**	92
99	**123**	**165**	**218**	**280**	**352**	**280**	**218**	**165**	**123**	99
100	**125**	**166**	**218**	**280**	**352**	**280**	**218**	**166**	**125**	100
93	**115**	**150**	**200**	**280**	**352**	**280**	**200**	**150**	**115**	93
84	101	**126**	**160**	**221**	**337**	**221**	**160**	**126**	101	84

● F max. = 710 kN

SN5650-PMO-0230-70°

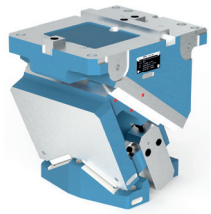
67	86	103	124	156	**239**	156	124	103	86	67
77	103	128	**160**	**208**	**320**	**208**	**160**	128	103	77
90	121	155	**204**	**274**	**394**	**274**	**204**	155	121	90
107	134	**176**	**242**	**339**	**575**	**339**	**242**	**176**	134	107
104	134	**177**	**242**	**338**	**634**	**338**	**242**	**177**	134	104
89	122	156	**205**	**274**	**454**	**274**	**205**	156	122	89
77	105	129	**162**	**209**	**331**	**209**	**162**	129	105	77



69	86	103	124	**156**	**239**	**156**	124	103	86	69
79	103	128	**160**	**208**	**285**	**208**	**160**	128	103	79
94	121	**152**	**196**	**249**	**303**	**249**	**196**	**152**	121	94
106	130	**167**	**220**	**288**	**403**	**288**	**220**	**167**	130	106
98	131	**168**	**222**	**291**	**438**	**291**	**222**	**168**	131	98
86	122	**154**	**199**	**252**	**374**	**252**	**199**	**154**	122	86
75	105	129	**162**	**209**	**305**	**209**	**162**	129	105	75

● F max. = 735 kN

D 1801D 06.2022

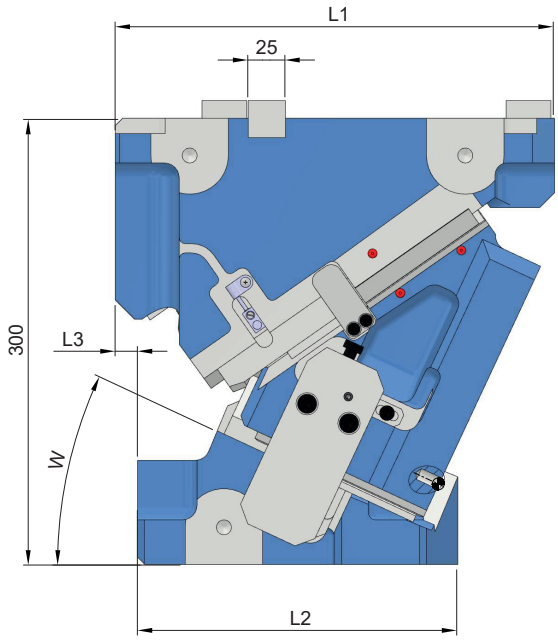


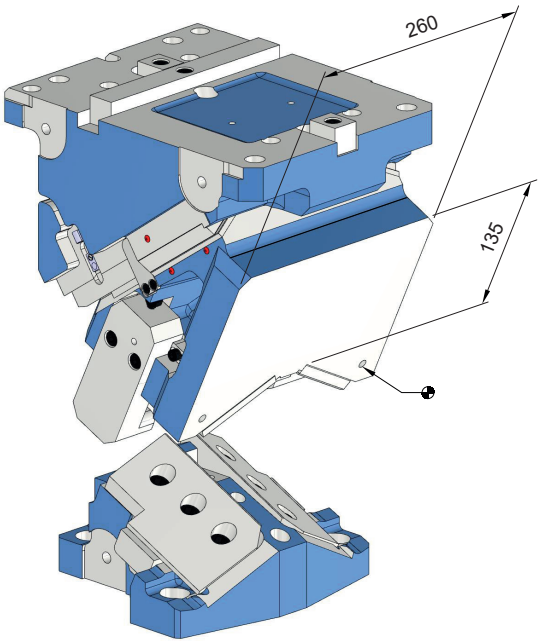
SN5650-PMO-0260-

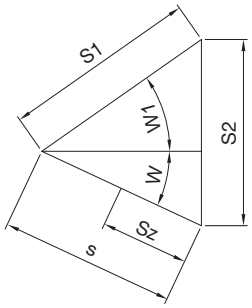
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	260 x 135 mm
Schieberbreite max.	*Cam unit width max.*	260 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 616 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

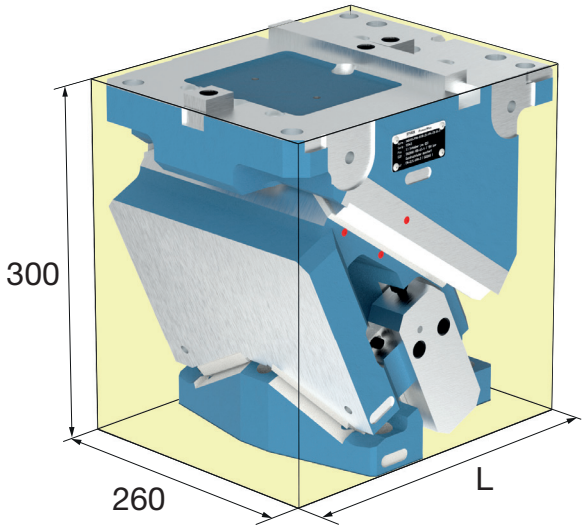
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMO-0260-

Oben hängender Schieber

Aerial cam unit



E0



E1



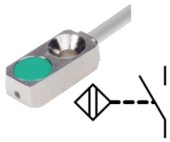
G0



S0



S1

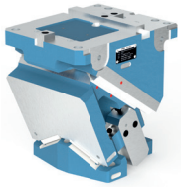


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

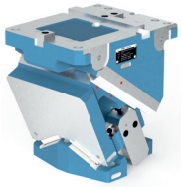
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E0-G0-S0-V04
0°	E0	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E0-G0-S1-V04
0°	E0	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E0-G1-S0-V04
0°	E0	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E0-G1-S1-V04
0°	E1	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E1-G0-S0-V04
0°	E1	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E1-G0-S1-V04
0°	E1	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E1-G1-S0-V04
0°	E1	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMO-0260-00-E1-G1-S1-V04
5°	E0	G0	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E0-G0-S0-V04
5°	E0	G0	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E0-G0-S1-V04
5°	E0	G1	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E0-G1-S0-V04
5°	E0	G1	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E0-G1-S1-V04
5°	E1	G0	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E1-G0-S0-V04
5°	E1	G0	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E1-G0-S1-V04
5°	E1	G1	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E1-G1-S0-V04
5°	E1	G1	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMO-0260-05-E1-G1-S1-V04
10°	E0	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E0-G0-S0-V04
10°	E0	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E0-G0-S1-V04
10°	E0	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E0-G1-S0-V04
10°	E0	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E0-G1-S1-V04
10°	E1	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E1-G0-S0-V04
10°	E1	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E1-G0-S1-V04
10°	E1	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E1-G1-S0-V04
10°	E1	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMO-0260-10-E1-G1-S1-V04
15°	E0	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E0-G0-S0-V04
15°	E0	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E0-G0-S1-V04
15°	E0	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E0-G1-S0-V04
15°	E0	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E0-G1-S1-V04
15°	E1	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E1-G0-S0-V04
15°	E1	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E1-G0-S1-V04
15°	E1	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMO-0260-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMO-0260-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMO-0260-25-E1-G1-S1-V04
30°	E0	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E0-G0-S0-V04
30°	E0	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E0-G0-S1-V04
30°	E0	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E0-G1-S0-V04
30°	E0	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E0-G1-S1-V04
30°	E1	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E1-G0-S0-V04
30°	E1	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E1-G0-S1-V04
30°	E1	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E1-G1-S0-V04
30°	E1	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMO-0260-30-E1-G1-S1-V04
35°	E0	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E0-G0-S0-V04
35°	E0	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E0-G0-S1-V04
35°	E0	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E0-G1-S0-V04
35°	E0	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E0-G1-S1-V04
35°	E1	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E1-G0-S0-V04
35°	E1	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E1-G0-S1-V04
35°	E1	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E1-G1-S0-V04
35°	E1	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMO-0260-35-E1-G1-S1-V04
40°	E0	G0	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E0-G0-S0-V04
40°	E0	G0	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E0-G0-S1-V04
40°	E0	G1	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E0-G1-S0-V04
40°	E0	G1	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E0-G1-S1-V04
40°	E1	G0	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E1-G0-S0-V04
40°	E1	G0	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E1-G0-S1-V04
40°	E1	G1	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E1-G1-S0-V04
40°	E1	G1	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMO-0260-40-E1-G1-S1-V04
45°	E0	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E0-G0-S0-V04
45°	E0	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E0-G0-S1-V04
45°	E0	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E0-G1-S0-V04
45°	E0	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E0-G1-S1-V04
45°	E1	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E1-G0-S0-V04
45°	E1	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E1-G0-S1-V04
45°	E1	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E1-G1-S0-V04
45°	E1	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMO-0260-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E1-G0-S0-V04
50°	E1	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E1-G0-S1-V04

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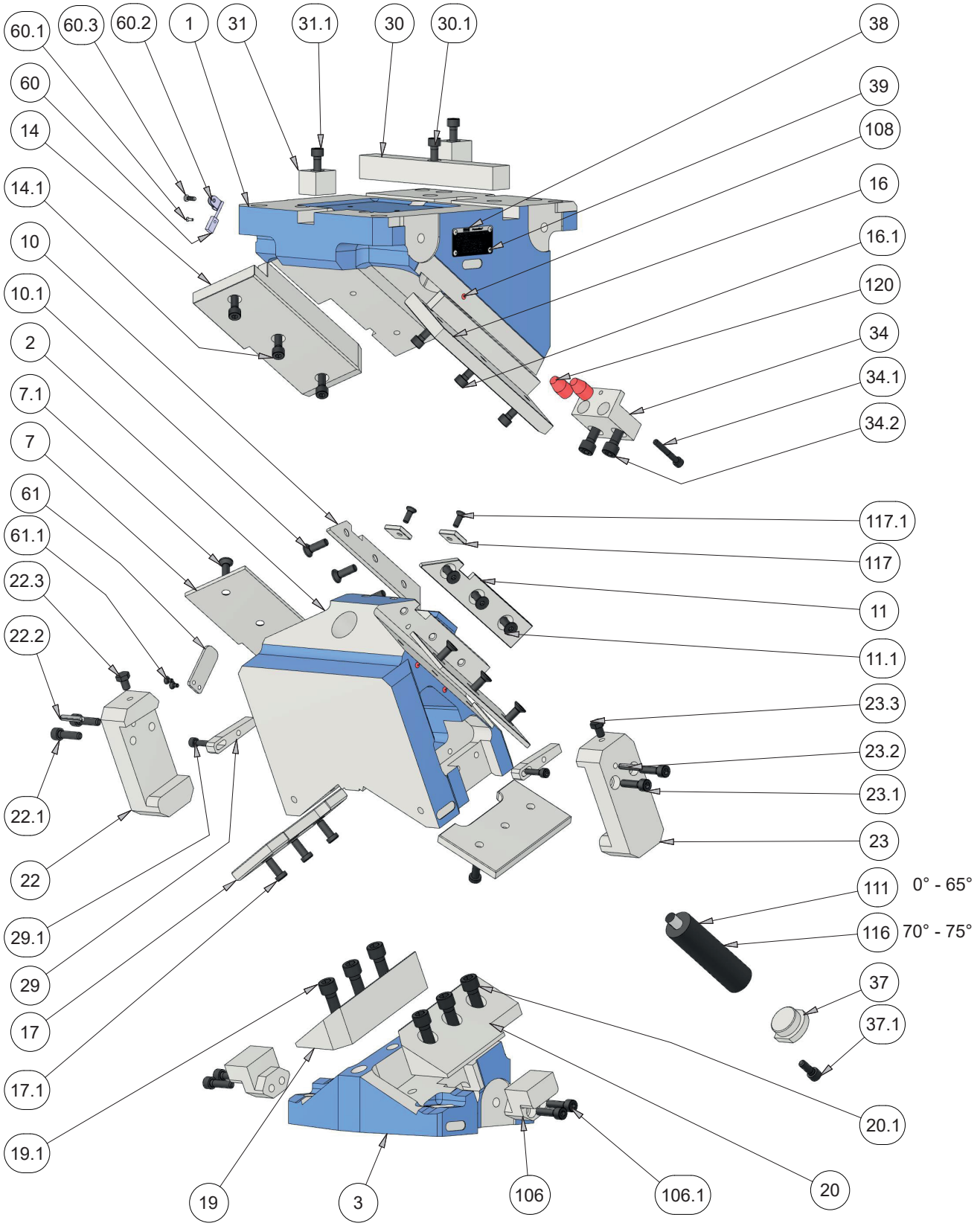


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMO-0260-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMO-0260-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMO-0260-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMO-0260-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMO-0260-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMO-0260-75-E1-G1-S1-V04

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SN5650-PMO-0260-

Bauteile
Components

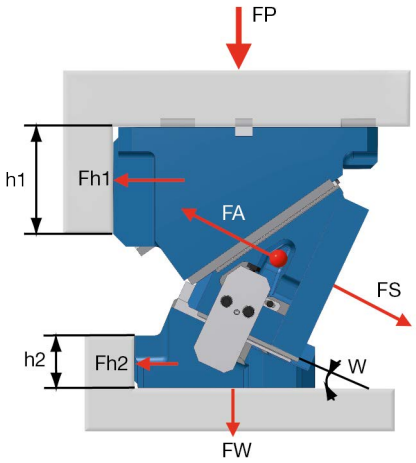


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0260-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	616	577	616	577	0	152	40	46
05°	640	603	590	545	45	145	55	45
10°	664	629	563	513	91	137	70	44
15°	686	652	535	474	124	129	70	58
20°	707	675	507	434	158	120	70	71
25°	749	718	490	400	185	120	80	58
30°	791	761	474	366	211	120	90	45
35°	808	781	440	318	219	110	80	48
40°	825	800	406	270	226	100	70	50
45°	839	816	370	224	220	93	80	70
50°	853	833	335	179	214	85	90	70
55°	876	858	302	142	197	83	105	68
60°	899	883	269	104	181	80	120	53
65°	933	919	235	76	155	73	128	53
70°	967	956	202	47	129	65	135	52
75°	972	961	168	22	83	65	135	52



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

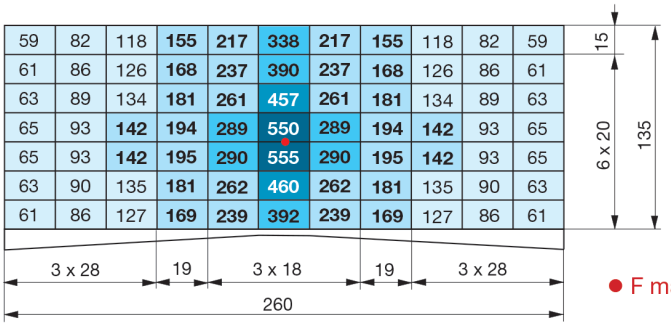
SN5650-PMO-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0260-0°

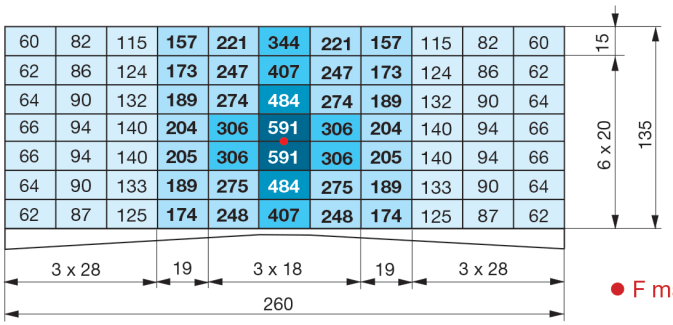


59	82	118	**155**	**217**	**338**	**217**	**155**	118	82	59
61	86	126	**168**	**237**	**390**	**237**	**168**	126	86	61
63	89	134	**181**	**261**	**457**	**261**	**181**	134	89	63
65	93	**142**	**194**	**289**	**550**	**289**	**194**	**142**	93	65
65	93	**142**	**195**	**290**	**555**	**290**	**195**	**142**	93	65
63	90	135	**181**	**262**	**460**	**262**	**181**	135	90	63
61	86	127	**169**	**239**	**392**	**239**	**169**	127	86	61

58	71	71	90	102	**114**	102	90	71	71	58
58	71	90	102	114	**130**	114	102	90	71	58
58	71	90	102	114	**130**	114	102	90	71	58
58	71	90	102	114	**130**	114	102	90	71	58
58	71	90	102	114	**130**	114	102	90	71	58
58	71	90	102	114	**130**	114	102	90	71	58
58	71	90	102	114	**130**	114	102	90	71	58

● F max. = 616 kN

SN5650-PMO-0260-10°

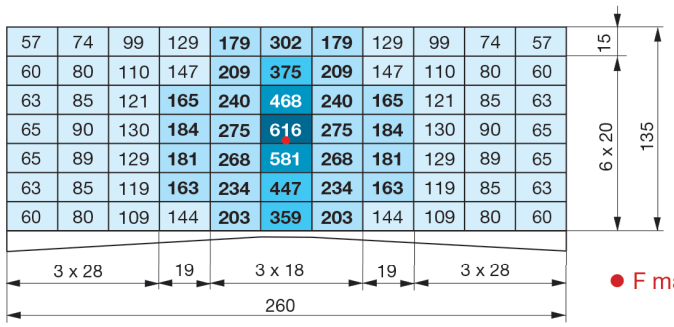


60	82	115	**157**	**221**	**344**	**221**	**157**	115	82	60
62	86	124	**173**	**247**	**407**	**247**	**173**	124	86	62
64	90	132	**189**	**274**	**484**	**274**	**189**	132	90	64
66	94	140	**204**	**306**	**591**	**306**	**204**	140	94	66
66	94	140	**205**	**306**	**591**	**306**	**205**	140	94	66
64	90	133	**189**	**275**	**484**	**275**	**189**	133	90	64
62	87	125	**174**	**248**	**407**	**248**	**174**	125	87	62

60	75	75	97	117	**133**	117	97	75	75	60
62	75	97	117	133	**153**	133	117	97	75	62
62	75	97	117	133	**153**	133	117	97	75	62
62	75	97	117	133	**153**	133	117	97	75	62
62	75	97	117	133	**153**	133	117	97	75	62
62	75	97	117	133	**153**	133	117	97	75	62
62	75	97	117	133	**153**	133	117	97	75	62

● F max. = 664 kN

SN5650-PMO-0260-20°

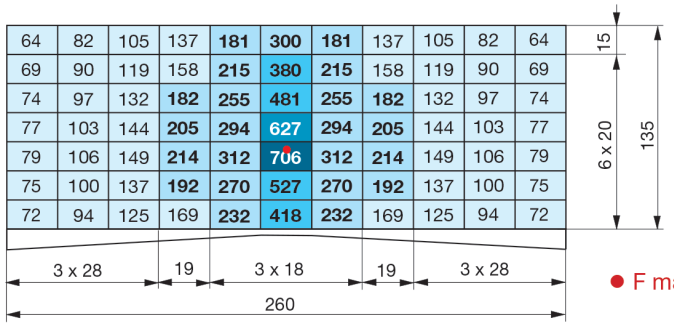


57	74	99	129	**179**	**302**	**179**	129	99	74	57
60	80	110	147	**209**	**375**	**209**	147	110	80	60
63	85	121	**165**	**240**	**468**	**240**	**165**	121	85	63
65	90	130	**184**	**275**	**616**	**275**	**184**	130	90	65
65	89	129	**181**	**268**	**581**	**268**	**181**	129	89	65
63	85	119	**163**	**234**	**447**	**234**	**163**	119	85	63
60	80	109	144	**203**	**359**	**203**	144	109	80	60

57	74	74	99	125	**149**	125	99	74	74	57
60	78	100	124	148	**182**	148	124	100	78	60
63	78	100	124	148	**182**	148	124	100	78	63
64	78	100	124	148	**182**	148	124	100	78	64
64	78	100	124	148	**182**	148	124	100	78	64
63	78	100	124	148	**182**	148	124	100	78	63
60	78	100	124	148	**182**	148	124	100	78	60

● F max. = 707 kN

SN5650-PMO-0260-30°



64	82	105	137	**181**	**300**	**181**	137	105	82	64
69	90	119	158	**215**	**380**	**215**	158	119	90	69
74	97	132	**182**	**255**	**481**	**255**	**182**	132	97	74
77	103	144	**205**	**294**	**627**	**294**	**205**	144	103	77
79	106	149	**214**	**312**	**706**	**312**	**214**	149	106	79
75	100	137	**192**	**270**	**527**	**270**	**192**	137	100	75
72	94	125	169	**232**	**418**	**232**	169	125	94	72

64	82	82	105	137	**175**	137	105	82	82	64
69	87	112	144	174	**218**	174	144	112	87	69
71	87	112	143	173	**218**	173	143	112	87	71
71	87	112	143	173	**218**	173	143	112	87	71
71	87	112	143	173	**218**	173	143	112	87	71
71	87	112	143	173	**218**	173	143	112	87	71
71	87	112	143	173	**218**	173	143	112	87	71

● F max. = 791 kN

D 1801D 06.2022

SN5650-PMO-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0260-40°

70	87	111	144	**190**	**316**	**190**	144	111	87	70
76	96	126	171	**231**	**409**	**231**	171	126	96	76
81	105	141	**200**	**277**	**529**	**277**	**200**	141	105	81
85	112	154	**225**	**324**	**711**	**324**	**225**	154	112	85
85	111	152	**221**	**316**	**667**	**316**	**221**	152	111	85
81	104	140	**196**	**270**	**504**	**270**	**196**	140	104	81
76	95	124	167	**224**	**389**	**224**	167	124	95	76

15 | 6 x 20 | 135

3 x 28 | 19 | 3 x 18 | 19 | 3 x 28

260

70	**87**	**87**	**111**	**144**	**190**	**144**	**111**	**87**	**87**	70
76	**96**	**126**	**169**	**209**	**266**	**209**	**169**	**126**	**96**	76
81	**99**	**128**	**169**	**209**	**266**	**209**	**169**	**128**	**99**	**81**
81	**99**	**128**	**169**	**209**	**266**	**209**	**169**	**128**	**99**	**81**
81	**99**	**128**	**169**	**209**	**266**	**209**	**169**	**128**	**99**	**81**
81	**99**	**128**	**169**	**209**	**266**	**209**	**169**	**128**	**99**	**81**
76	**95**	**124**	**167**	**210**	**266**	**210**	**167**	**124**	**95**	76

● F max. = 825 kN

SN5650-PMO-0260-50°

75	90	112	142	**189**	**305**	**189**	142	112	90	75
83	101	130	171	**234**	**403**	**234**	171	130	101	83
90	113	149	**205**	**290**	**538**	**290**	**205**	149	113	90
95	120	163	**233**	**344**	**731**	**344**	**233**	163	120	95
95	120	162	**229**	**335**	**685**	**335**	**229**	162	120	95
90	112	147	**201**	**281**	**510**	**281**	**201**	147	112	90
83	101	128	167	**226**	**382**	**226**	167	128	101	83

15 | 6 x 20 | 135

3 x 28 | 19 | 3 x 18 | 19 | 3 x 28

260

75	90	90	**112**	**142**	**189**	**142**	**112**	90	90	75
83	**101**	**130**	**171**	**234**	**334**	**234**	**171**	**130**	**101**	83
90	**113**	**149**	**202**	**260**	**334**	**260**	**202**	**149**	**113**	90
95	**118**	**152**	**202**	**260**	**334**	**260**	**202**	**152**	**118**	95
95	**118**	**152**	**202**	**260**	**334**	**260**	**202**	**152**	**118**	95
90	**112**	**147**	**201**	**260**	**334**	**260**	**201**	**147**	**112**	90
83	**101**	**128**	**167**	**226**	**334**	**226**	**167**	**128**	**101**	83

● F max. = 853 kN

SN5650-PMO-0260-60°

82	97	118	143	180	**294**	180	143	118	97	82
92	111	138	175	**230**	**392**	**230**	175	138	111	92
102	126	163	**216**	**299**	**535**	**299**	**216**	163	126	102
109	137	181	**250**	**364**	**735**	**364**	**250**	181	137	109
111	138	183	**253**	**370**	**752**	**370**	**253**	183	138	111
104	128	166	**220**	**306**	**547**	**306**	**220**	166	128	104
94	113	142	180	**237**	**403**	**237**	180	142	113	94

15 | 6 x 20 | 135

3 x 28 | 19 | 3 x 18 | 19 | 3 x 28

260

82	97	97	118	**143**	**180**	**143**	118	97	97	82
92	111	**138**	**175**	**230**	**392**	**230**	**175**	**138**	111	92
102	126	**163**	**216**	**299**	**439**	**299**	**216**	**163**	126	102
109	**137**	**181**	**250**	**340**	**439**	**340**	**250**	**181**	**137**	109
111	**138**	**183**	**253**	**340**	**439**	**340**	**253**	**183**	**138**	111
104	128	**166**	**220**	**306**	**439**	**306**	**220**	**166**	128	104
94	113	**142**	**180**	**237**	**403**	**237**	**180**	**142**	113	94

● F max. = 899 kN

SN5650-PMO-0260-70°

87	111	132	157	183	**263**	183	157	132	111	87
107	129	157	192	**234**	**292**	**234**	192	157	129	107
123	148	188	**241**	**293**	**355**	**293**	**241**	188	148	123
133	164	**213**	**284**	**384**	**790**	**384**	**284**	**213**	164	133
135	166	**215**	**287**	**390**	**807**	**390**	**287**	**215**	166	135
119	151	191	**246**	**317**	**578**	**317**	**246**	191	151	119
94	132	161	198	**242**	**424**	**242**	198	161	132	94

15 | 6 x 20 | 135

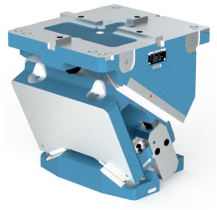
3 x 28 | 19 | 3 x 18 | 19 | 3 x 28

260

94	111	111	132	157	183	157	132	111	111	94
109	129	157	**192**	**234**	**292**	**234**	**192**	157	129	109
123	148	188	**241**	**293**	**355**	**293**	**241**	188	148	123
133	164	**213**	**284**	**384**	**628**	**384**	**284**	**213**	164	133
135	166	**215**	**287**	**390**	**628**	**390**	**287**	**215**	166	135
108	151	**191**	**246**	**317**	**578**	**317**	**246**	**191**	151	108
87	132	161	**198**	**242**	**424**	**242**	**198**	161	132	87

● F max. = 967 kN

D 1801D 06.2022

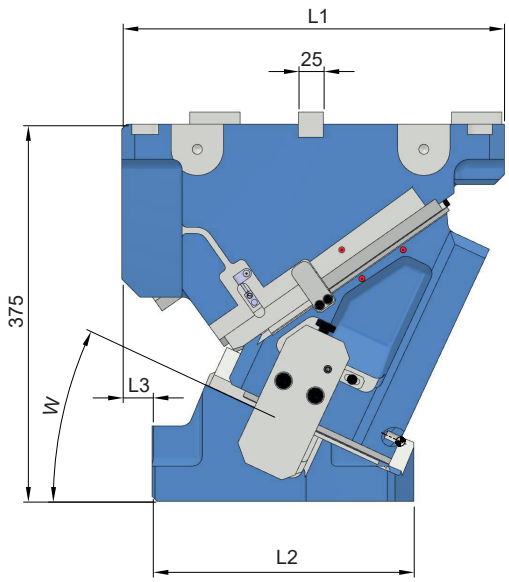


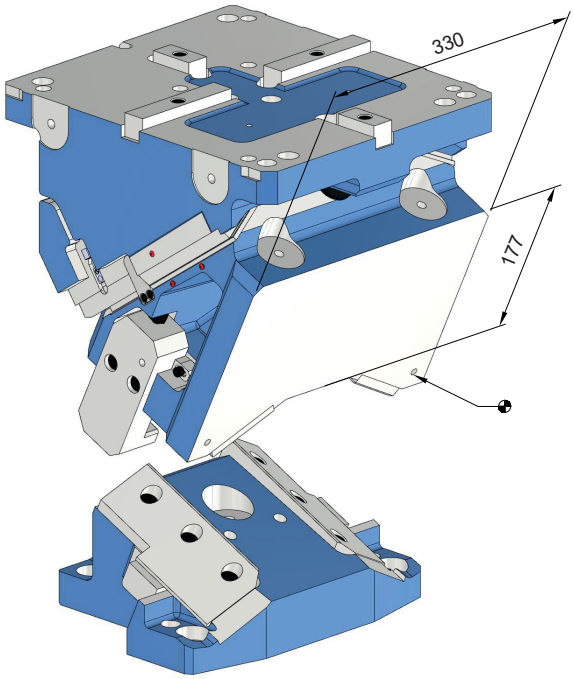
SN5650-PMO-0330-

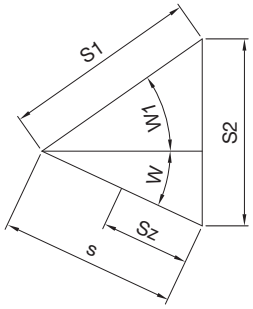
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	330 x 177 mm
Schieberbreite max.	*Cam unit width max.*	330 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 912 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

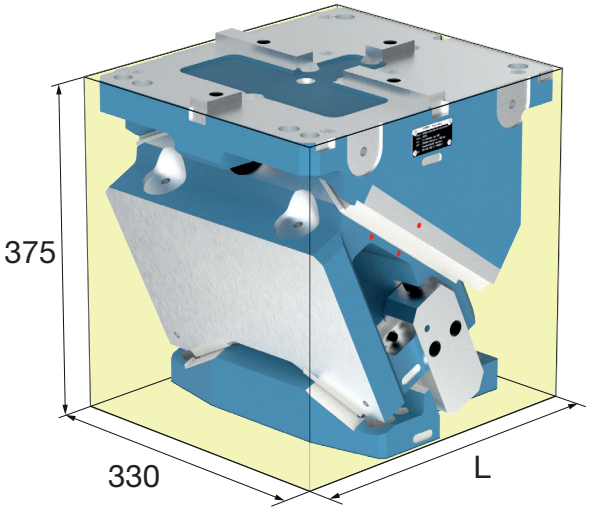
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 02.2025

SN5650-PMO-0330-

Oben hängender Schieber

Aerial cam unit



E0



E1



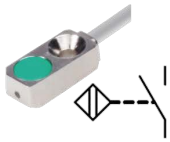
G0



S0



S1

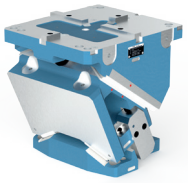


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

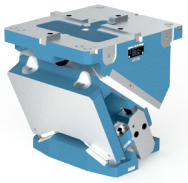
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E0-G0-S0-V04
0°	E0	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E0-G0-S1-V04
0°	E0	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E0-G1-S0-V04
0°	E0	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E0-G1-S1-V04
0°	E1	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E1-G0-S0-V04
0°	E1	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E1-G0-S1-V04
0°	E1	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E1-G1-S0-V04
0°	E1	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0330-00-E1-G1-S1-V04
5°	E0	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E0-G0-S0-V04
5°	E0	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E0-G0-S1-V04
5°	E0	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E0-G1-S0-V04
5°	E0	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E0-G1-S1-V04
5°	E1	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E1-G0-S0-V04
5°	E1	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E1-G0-S1-V04
5°	E1	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E1-G1-S0-V04
5°	E1	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0330-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0330-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0330-15-E1-G1-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0330-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0330-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMO-0330-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0330-35-E1-G1-S1-V04
40°	E0	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E0-G0-S0-V04
40°	E0	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E0-G0-S1-V04
40°	E0	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E0-G1-S0-V04
40°	E0	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E0-G1-S1-V04
40°	E1	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E1-G0-S0-V04
40°	E1	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E1-G0-S1-V04
40°	E1	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E1-G1-S0-V04
40°	E1	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0330-40-E1-G1-S1-V04
45°	E0	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E0-G0-S0-V04
45°	E0	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E0-G0-S1-V04
45°	E0	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E0-G1-S0-V04
45°	E0	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E0-G1-S1-V04
45°	E1	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E1-G0-S0-V04
45°	E1	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E1-G0-S1-V04
45°	E1	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E1-G1-S0-V04
45°	E1	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0330-45-E1-G1-S1-V04
50°	E0	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E0-G0-S0-V04
50°	E0	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E0-G0-S1-V04
50°	E0	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E0-G1-S0-V04
50°	E0	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E0-G1-S1-V04
50°	E1	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E1-G0-S0-V04
50°	E1	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E1-G0-S1-V04
50°	E1	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E1-G1-S0-V04

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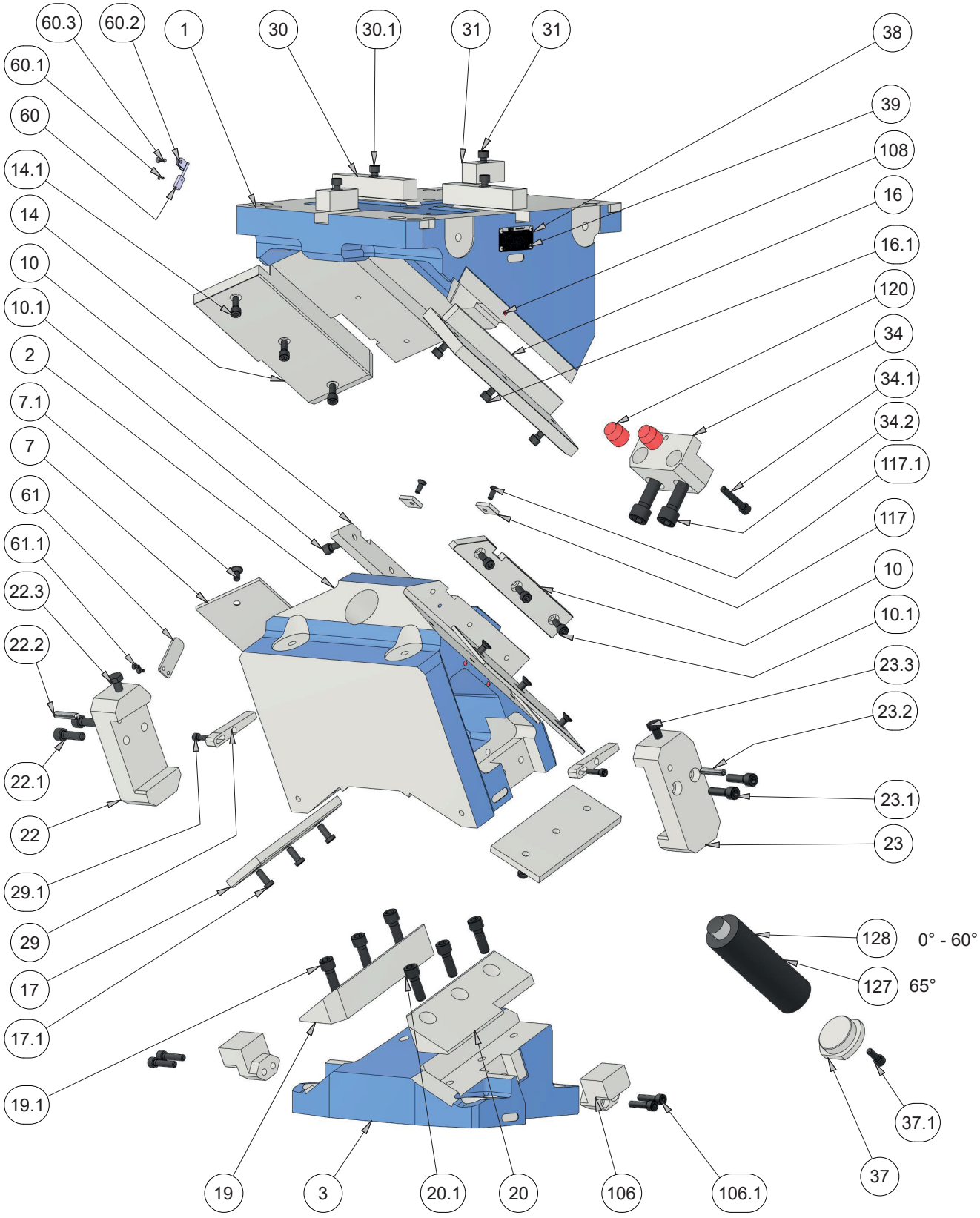


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0330-50-E1-G1-S1-V04
55°	E0	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E0-G0-S0-V04
55°	E0	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E0-G0-S1-V04
55°	E0	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E0-G1-S0-V04
55°	E0	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E0-G1-S1-V04
55°	E1	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E1-G0-S0-V04
55°	E1	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E1-G0-S1-V04
55°	E1	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E1-G1-S0-V04
55°	E1	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0330-55-E1-G1-S1-V04
60°	E0	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E0-G0-S0-V04
60°	E0	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E0-G0-S1-V04
60°	E0	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E0-G1-S0-V04
60°	E0	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E0-G1-S1-V04
60°	E1	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E1-G0-S0-V04
60°	E1	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E1-G0-S1-V04
60°	E1	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E1-G1-S0-V04
60°	E1	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0330-60-E1-G1-S1-V04
65°	E0	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E0-G0-S0-V04
65°	E0	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E0-G0-S1-V04
65°	E0	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E0-G1-S0-V04
65°	E0	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E0-G1-S1-V04
65°	E1	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E1-G0-S0-V04
65°	E1	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E1-G0-S1-V04
65°	E1	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E1-G1-S0-V04
65°	E1	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0330-65-E1-G1-S1-V04

SN5650-PMO-0330-

Bauteile

Components

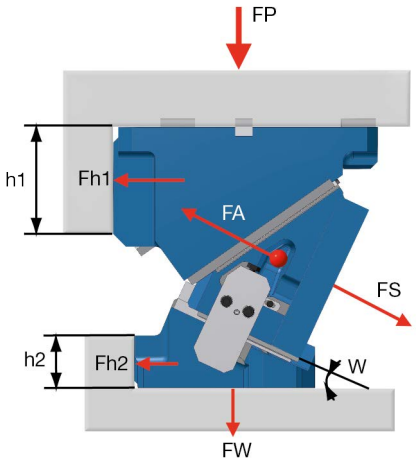


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0330-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	912	861	912	961	0	187	50	68
05°	948	898	873	813	67	182	65	71
10°	983	936	933	766	135	177	80	73
15°	1015	971	791	706	185	166	78	71
20°	1047	10105	748	647	236	154	75	68
25°	1076	1036	703	581	267	143	88	70
30°	1104	1068	658	516	298	132	100	72
35°	1155	1121	624	457	316	130	103	70
40°	1206	1174	590	398	334	127	106	67
45°	1227	1197	537	332	325	117	123	65
50°	1247	1221	485	265	316	107	139	63
55°	1292	1268	440	212	295	100	157	61
60°	1336	1315	394	158	274	92	175	58
65°	1286	1265	331	99	212	85	175	56



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0330-0°

84	117	145	181	268	508	268	181	145	117	84
86	122	152	192	287	574	287	192	152	122	86
88	126	159	204	309	668	309	204	159	126	88
90	131	167	216	335	799	335	216	167	131	90
92	133	170	222	346	856	346	222	170	133	92
90	129	163	210	319	709	319	210	163	129	90
88	124	156	198	296	605	296	198	156	124	88
85	120	148	186	275	527	275	186	148	120	85
83	115	141	174	254	465	254	174	141	115	83

17 | 8 x 20 | 177

11 x 30
330

68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68
68	81	90	100	113	130	113	100	90	81	68

● F max. = 872 kN

SN5650-PMO-0330-10°

86	118	153	191	276	529	276	191	153	118	86
88	122	161	204	298	601	298	204	161	122	88
91	127	169	217	323	704	323	217	169	127	91
93	132	177	231	351	849	351	231	177	132	93
95	134	181	238	363	911	363	238	181	134	95
92	130	173	224	334	747	334	224	173	130	92
90	125	165	210	308	633	308	210	165	125	90
88	120	157	196	284	550	284	196	157	120	88
85	115	147	182	259	475	259	182	147	115	85

17 | 8 x 20 | 177

11 x 30
330

74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	132	155	132	116	103	88	74
74	88	103	116	133	155	133	116	103	88	74

● F max. = 983 kN

SN5650-PMO-0330-20°

86	114	145	188	260	480	260	188	145	114	86
90	121	156	205	290	564	290	205	156	121	90
93	127	165	222	319	659	319	222	165	127	93
95	132	174	238	348	784	348	238	174	132	95
97	137	182	254	381	968	381	254	182	137	97
97	137	181	251	372	895	372	251	181	137	97
96	132	173	235	341	737	341	235	173	132	96
93	127	165	219	312	626	312	219	165	127	93
90	122	155	202	283	536	283	202	155	122	90

17 | 8 x 20 | 177

11 x 30
330

81	97	115	135	156	185	156	135	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81
81	97	115	134	156	185	156	134	115	97	81

● F max. = 1047 kN

SN5650-PMO-0330-30°

88	114	141	180	234	484	234	180	141	114	88
92	122	154	198	267	583	267	198	154	122	92
96	129	165	217	303	709	303	217	165	129	96
100	136	176	236	340	903	340	236	176	136	100
102	139	181	245	357	994	357	245	181	139	102
99	133	171	226	319	766	319	226	171	133	99
95	127	160	208	283	623	283	208	160	127	95
91	119	148	189	247	516	247	189	148	119	91
86	111	135	169	215	419	215	169	135	111	86

17 | 8 x 20 | 177

11 x 30
330

88	107	126	150	179	223	179	150	126	107	88
89	107	126	149	179	223	179	149	126	107	89
89	107	126	149	178	223	178	149	126	107	89
89	107	126	149	178	223	178	149	126	107	89
89	107	126	149	178	223	178	149	126	107	89
89	107	126	149	178	223	178	149	126	107	89
89	107	126	149	178	223	178	149	126	107	89
89	107	126	149	178	223	178	149	126	107	89
89	107	126	149	179	223	179	149	126	107	89
86	107	126	150	180	223	180	150	126	107	86

● F max. = 1104 kN

SN5650-PMO-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0330-40°

102	129	157	200	256	**515**	256	200	157	129	102
108	139	172	224	**297**	**628**	**297**	224	172	139	108
113	148	186	248	**341**	**767**	**341**	248	186	148	113
118	156	198	**271**	**385**	**982**	**385**	**271**	198	156	118
121	161	205	**282**	**405**	**1084**	**405**	**282**	205	161	121
117	153	193	259	**359**	**831**	**359**	259	193	153	117
112	145	180	236	**316**	**674**	**316**	236	180	145	112
106	135	165	212	**273**	**551**	**273**	212	165	135	106
100	125	149	186	232	**442**	232	186	149	125	100

17 · 8 x 20 · 177

11 x 30
330

102	**124**	**146**	**179**	**217**	**274**	**217**	**179**	**146**	**124**	**102**
103	**124**	**146**	**178**	**215**	**274**	**215**	**178**	**146**	**124**	**103**
103	**124**	**146**	**177**	**215**	**274**	**215**	**177**	**146**	**124**	**103**
103	**124**	**146**	**177**	**215**	**274**	**215**	**177**	**146**	**124**	**103**
103	**124**	**146**	**177**	**215**	**274**	**215**	**177**	**146**	**124**	**103**
103	**124**	**146**	**177**	**215**	**274**	**215**	**177**	**146**	**124**	**103**
103	**124**	**146**	**177**	**215**	**274**	**215**	**177**	**146**	**124**	**103**
103	**124**	**146**	**178**	**216**	**274**	**216**	**178**	**146**	**124**	**103**
100	**124**	**146**	**179**	**217**	**274**	**217**	**179**	**146**	**124**	**100**

● F max. = 1206 kN

SN5650-PMO-0330-50°

111	136	163	203	262	**507**	262	203	163	136	111
119	148	181	232	**311**	**633**	**311**	232	181	148	119
126	159	198	261	**363**	**783**	**363**	261	198	159	126
132	169	212	**286**	**414**	**1008**	**414**	**286**	212	169	132
136	174	220	**299**	**438**	**1117**	**438**	**299**	220	174	136
131	165	206	273	**385**	**851**	**385**	273	206	165	131
125	156	191	248	**335**	**685**	**335**	248	191	156	125
117	144	173	218	**283**	**548**	**283**	218	173	144	117
109	131	155	189	236	**431**	236	189	155	131	109

17 · 8 x 20 · 177

11 x 30
330

111	**136**	**163**	**203**	**262**	**345**	**262**	**203**	**163**	**136**	**111**
119	**148**	**176**	**216**	**270**	**345**	**270**	**216**	**176**	**148**	**119**
123	**149**	**176**	**216**	**269**	**345**	**269**	**216**	**176**	**149**	**123**
123	**149**	**176**	**216**	**269**	**345**	**269**	**216**	**176**	**149**	**123**
123	**149**	**176**	**216**	**269**	**345**	**269**	**216**	**176**	**149**	**123**
123	**149**	**176**	**216**	**269**	**345**	**269**	**216**	**176**	**149**	**123**
123	**149**	**176**	**216**	**269**	**345**	**269**	**216**	**176**	**149**	**123**
117	**144**	**173**	**216**	**271**	**345**	**271**	**216**	**173**	**144**	**117**
109	**131**	**155**	**189**	**236**	**345**	**236**	**189**	**155**	**131**	**109**

● F max. = 1247 kN

SN5650-PMO-0330-60°

127	153	180	219	279	**523**	279	219	180	153	127
139	171	205	257	**343**	**668**	**343**	257	205	171	139
150	186	228	293	**409**	**840**	**409**	293	228	186	150
157	198	246	**324**	**472**	**1089**	**472**	**324**	246	198	157
162	205	256	**340**	**501**	**1211**	**501**	**340**	256	205	162
155	194	238	**309**	**435**	**915**	**435**	**309**	238	194	155
147	181	219	277	**374**	**729**	**374**	277	219	181	147
136	165	195	239	**308**	**572**	**308**	239	195	165	136
123	146	169	201	247	**437**	247	201	169	146	123

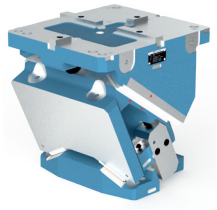
17 · 8 x 20 · 177

11 x 30
330

127	**153**	**180**	**219**	**279**	**455**	**279**	**219**	**180**	**153**	127
139	**171**	**205**	**257**	**343**	**455**	**343**	**257**	**205**	**171**	**139**
150	**186**	**226**	**277**	**353**	**455**	**353**	**277**	**226**	**186**	**150**
157	**191**	**226**	**277**	**353**	**455**	**353**	**277**	**226**	**191**	**157**
159	**191**	**226**	**277**	**353**	**455**	**353**	**277**	**226**	**191**	**159**
155	**191**	**226**	**277**	**353**	**455**	**353**	**277**	**226**	**191**	**155**
147	**181**	**219**	**277**	**353**	**455**	**353**	**277**	**219**	**181**	**147**
130	**165**	**195**	**239**	**308**	**455**	**308**	**239**	**195**	**165**	130
113	**146**	**169**	**201**	**247**	**437**	**247**	**201**	**169**	**146**	113

● F max. = 1272 kN

D 1801D 06.2022

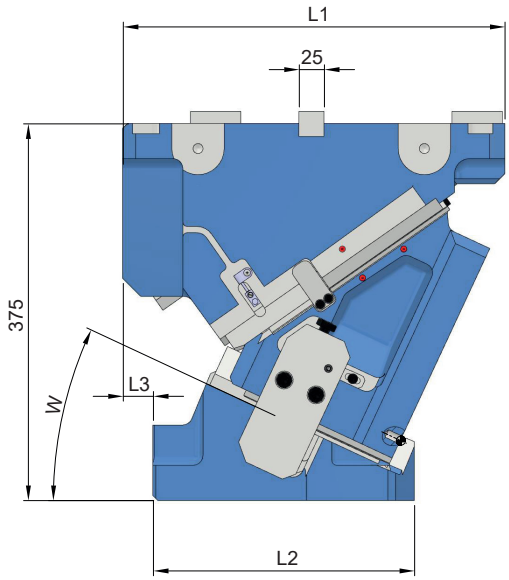


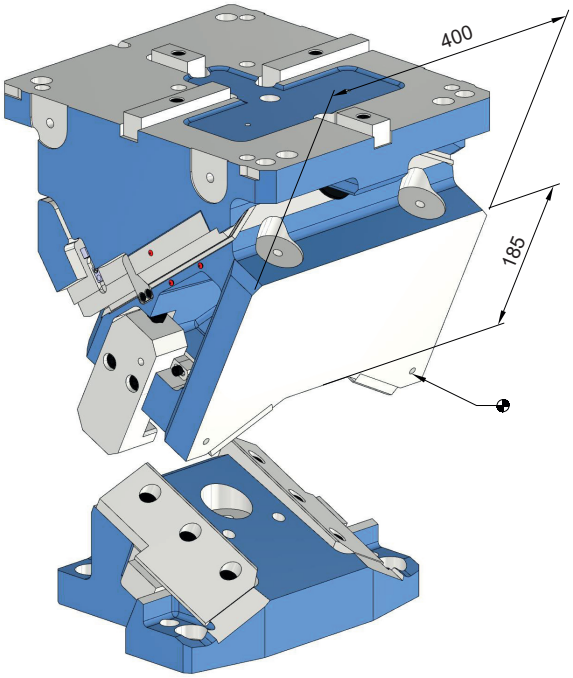
SN5650-PMO-0400-

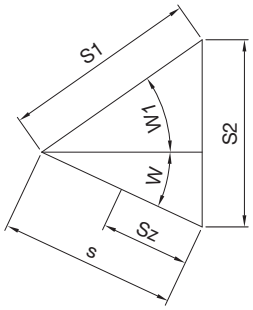
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	400 x 185 mm
Schieberbreite max.	*Cam unit width max.*	400 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1248 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

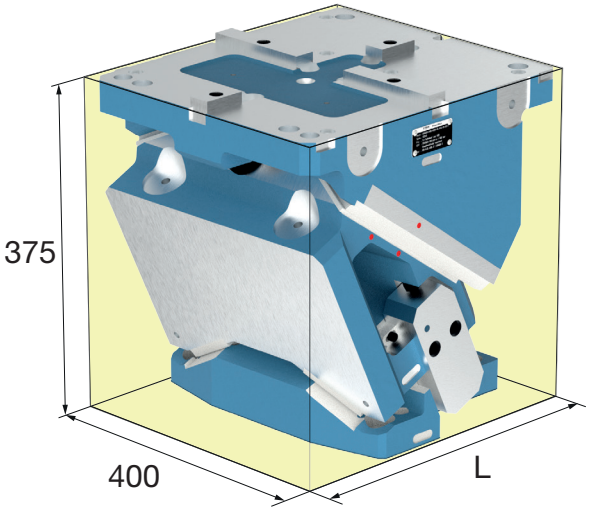
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 02.2025

SN5650-PMO-0400-

Oben hängender Schieber

Aerial cam unit



E0



E1



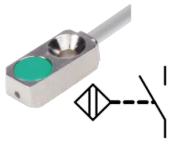
G0



S0



S1

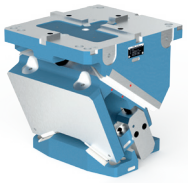


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

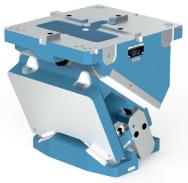
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E0-G0-S0-V04
0°	E0	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E0-G0-S1-V04
0°	E0	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E0-G1-S0-V04
0°	E0	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E0-G1-S1-V04
0°	E1	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E1-G0-S0-V04
0°	E1	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E1-G0-S1-V04
0°	E1	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E1-G1-S0-V04
0°	E1	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMO-0400-00-E1-G1-S1-V04
5°	E0	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E0-G0-S0-V04
5°	E0	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E0-G0-S1-V04
5°	E0	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E0-G1-S0-V04
5°	E0	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E0-G1-S1-V04
5°	E1	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E1-G0-S0-V04
5°	E1	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E1-G0-S1-V04
5°	E1	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E1-G1-S0-V04
5°	E1	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMO-0400-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMO-0400-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMO-0400-15-E1-G1-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMO-0400-20-E1-G1-S1-V04
25°	E0	G0	S0	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E0-G0-S0-V04
25°	E0	G0	S1	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E0-G0-S1-V04
25°	E0	G1	S0	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E0-G1-S0-V04
25°	E0	G1	S1	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E0-G1-S1-V04
25°	E1	G0	S0	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E1-G0-S0-V04
25°	E1	G0	S1	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E1-G0-S1-V04
25°	E1	G1	S0	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E1-G1-S0-V04
25°	E1	G1	S1	390	32	50.9	52	53	42	380	260	20	SN5650-PMO-0400-25-E1-G1-S1-V04
30°	E0	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0400-30-E0-G0-S0-V04
30°	E0	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0400-30-E0-G0-S1-V04
30°	E0	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0400-30-E0-G1-S0-V04
30°	E0	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0400-30-E0-G1-S1-V04
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30°	E1	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0400-30-E1-G1-S0-V04
30°	E1	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMO-0400-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMO-0400-35-E1-G1-S1-V04
40°	E0	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E0-G0-S0-V04
40°	E0	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E0-G0-S1-V04
40°	E0	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E0-G1-S0-V04
40°	E0	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E0-G1-S1-V04
40°	E1	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E1-G0-S0-V04
40°	E1	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E1-G0-S1-V04
40°	E1	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E1-G1-S0-V04
40°	E1	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMO-0400-40-E1-G1-S1-V04
45°	E0	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E0-G0-S0-V04
45°	E0	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E0-G0-S1-V04
45°	E0	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E0-G1-S0-V04
45°	E0	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E0-G1-S1-V04
45°	E1	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E1-G0-S0-V04
45°	E1	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E1-G0-S1-V04
45°	E1	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E1-G1-S0-V04
45°	E1	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMO-0400-45-E1-G1-S1-V04
50°	E0	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E0-G0-S0-V04
50°	E0	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E0-G0-S1-V04
50°	E0	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E0-G1-S0-V04
50°	E0	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E0-G1-S1-V04
50°	E1	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E1-G0-S0-V04
50°	E1	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E1-G0-S1-V04
50°	E1	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E1-G1-S0-V04

D 1801D 02.2025

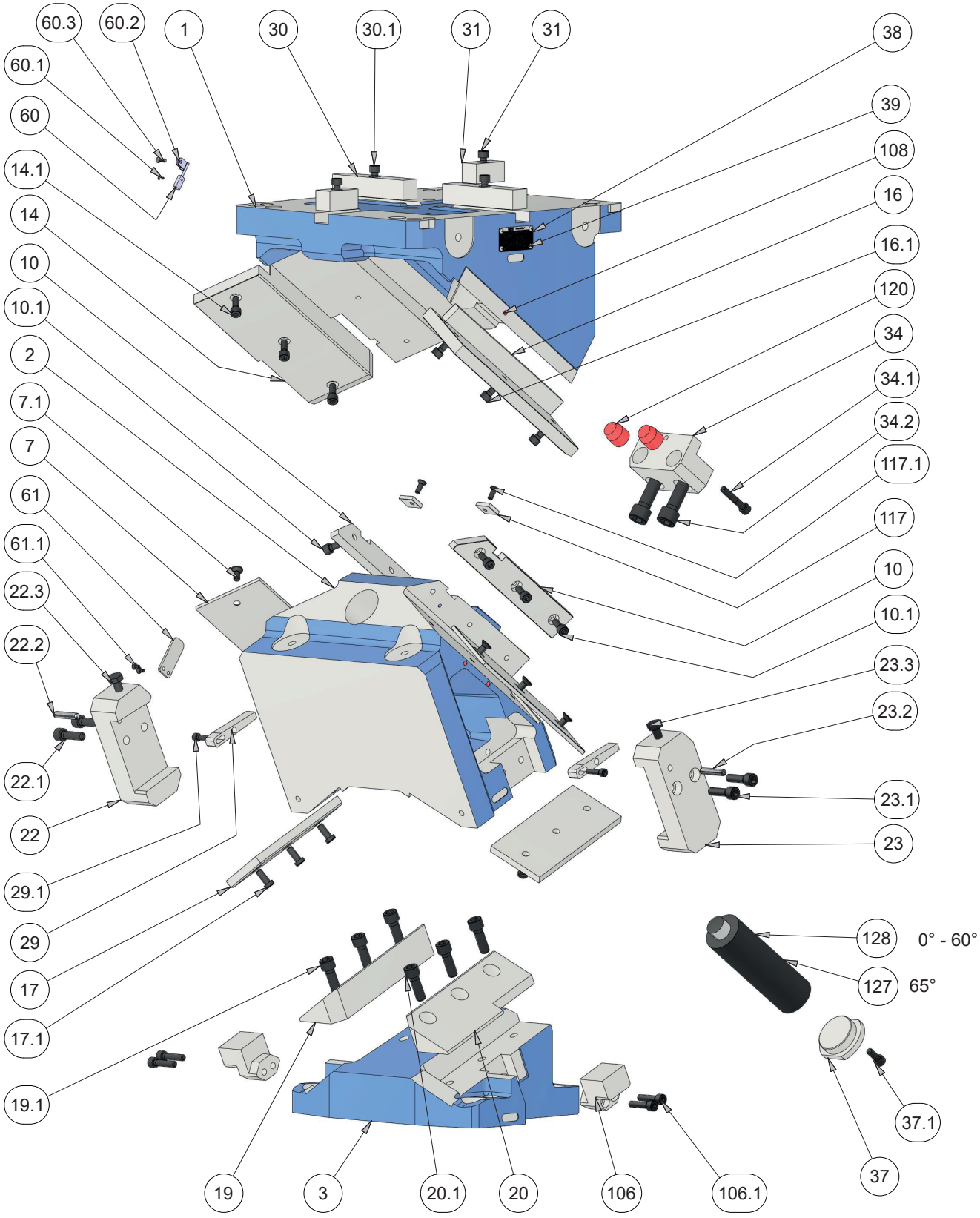


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMO-0400-50-E1-G1-S1-V04
55°	E0	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E0-G0-S0-V04
55°	E0	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E0-G0-S1-V04
55°	E0	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E0-G1-S0-V04
55°	E0	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E0-G1-S1-V04
55°	E1	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E1-G0-S0-V04
55°	E1	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E1-G0-S1-V04
55°	E1	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E1-G1-S0-V04
55°	E1	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMO-0400-55-E1-G1-S1-V04
60°	E0	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E0-G0-S0-V04
60°	E0	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E0-G0-S1-V04
60°	E0	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E0-G1-S0-V04
60°	E0	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E0-G1-S1-V04
60°	E1	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E1-G0-S0-V04
60°	E1	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E1-G0-S1-V04
60°	E1	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E1-G1-S0-V04
60°	E1	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMO-0400-60-E1-G1-S1-V04
65°	E0	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E0-G0-S0-V04
65°	E0	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E0-G0-S1-V04
65°	E0	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E0-G1-S0-V04
65°	E0	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E0-G1-S1-V04
65°	E1	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E1-G0-S0-V04
65°	E1	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E1-G0-S1-V04
65°	E1	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E1-G1-S0-V04
65°	E1	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMO-0400-65-E1-G1-S1-V04

SN5650-PMO-0400-

Bauteile

Components

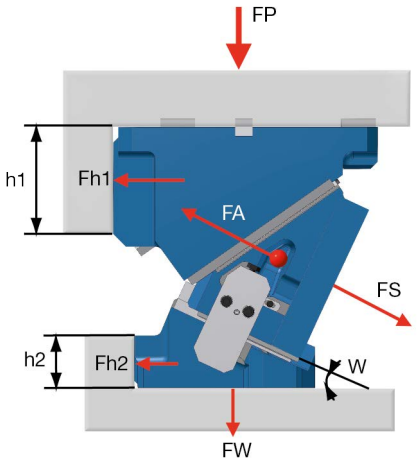


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0400-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1248	1174	1248	1174	0	190	50	65
05°	1297	1226	1194	1109	92	180	65	69
10°	1345	1278	1140	1044	184	170	80	73
15°	1389	1325	1083	963	253	160	78	75
20°	1433	1373	1025	883	321	150	75	77
25°	1471	1415	963	792	363	140	88	75
30°	1509	1457	901	702	405	130	100	73
35°	1542	1493	836	610	420	125	100	71
40°	1574	1530	771	518	435	120	100	69
45°	1640	1598	718	440	432	110	115	67
50°	1705	1667	666	361	430	100	130	64
55°	1766	1732	603	288	401	95	153	62
60°	1826	1796	541	215	372	90	175	59
65°	1846	1814	478	141	302	90	175	57



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0400-0°

103	135	181	227	334	679	334	227	181	135	103
106	140	191	243	362	786	362	243	191	140	106
109	145	200	257	389	913	389	257	200	145	109
111	149	208	271	417	1089	417	271	208	149	111
113	151	212	277	429	1161	429	277	212	151	113
110	147	203	263	399	964	399	263	203	147	110
108	143	195	249	372	824	372	249	195	143	108
105	138	186	235	347	720	347	235	186	138	105
102	133	178	221	321	635	321	221	178	133	102

25 | 8 x 20 | 185

42,5 | 9 x 35 | 42,5

400

65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	126	156	126	107	92	77	65
65	77	92	107	127	156	127	107	92	77	65

● F max. = 1248 kN

SN5650-PMO-0400-10°

106	137	183	240	341	704	341	240	183	137	106
110	143	194	259	375	824	375	259	194	143	110
113	148	202	276	406	964	406	276	202	148	113
115	153	211	292	438	1163	438	292	211	153	115
117	155	215	299	451	1245	451	299	215	155	117
114	150	206	282	418	1021	418	282	206	150	114
112	146	198	266	387	866	387	266	198	146	112
109	141	189	250	357	751	357	250	189	141	109
105	135	178	233	326	649	326	233	178	135	105

25 | 8 x 20 | 185

42,5 | 9 x 35 | 42,5

400

71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71
71	85	102	123	148	185	148	123	102	85	71

● F max. = 1345 kN

SN5650-PMO-0400-20°

104	131	169	216	286	634	286	216	169	131	104
110	140	184	238	329	778	329	238	184	140	110
114	146	195	258	367	939	367	258	195	146	114
116	152	205	276	406	1185	406	276	205	152	116
116	155	210	284	422	1294	422	284	210	155	116
116	149	200	266	382	1008	382	266	200	149	116
112	143	189	247	344	826	344	247	189	143	112
108	137	177	228	306	691	306	228	177	137	108
103	129	164	208	270	574	270	208	164	129	103

25 | 8 x 20 | 185

42,5 | 9 x 35 | 42,5

400

75	90	108	132	166	221	166	132	108	90	75
75	90	108	131	165	221	165	131	108	90	75
75	90	108	131	165	221	165	131	108	90	75
75	90	108	131	165	221	165	131	108	90	75
75	90	108	131	165	221	165	131	108	90	75
75	90	108	131	165	221	165	131	108	90	75
75	90	108	131	165	221	165	131	108	90	75
75	90	108	132	165	221	165	132	108	90	75
75	90	108	133	166	221	166	133	108	90	75

● F max. = 1433 kN

SN5650-PMO-0400-30°

111	138	175	228	297	636	297	228	175	138	111
118	149	192	255	347	799	347	255	192	149	118
123	157	205	278	392	971	392	278	205	157	123
124	163	217	300	437	1237	437	300	217	163	124
124	167	222	310	455	1356	455	310	222	167	124
124	161	211	288	409	1046	409	288	211	161	124
121	153	199	265	365	851	365	265	199	153	121
116	145	185	243	322	703	322	243	185	145	116
110	136	170	217	278	570	278	217	170	136	110

25 | 8 x 20 | 185

42,5 | 9 x 35 | 42,5

400

85	101	123	156	197	266	197	156	123	101	85
85	101	123	154	195	266	195	154	123	101	85
85	101	123	154	195	266	195	154	123	101	85
85	101	123	154	195	266	195	154	123	101	85
85	101	123	154	195	266	195	154	123	101	85
85	101	123	154	195	266	195	154	123	101	85
85	101	123	154	195	266	195	154	123	101	85
85	101	123	155	196	266	196	155	123	101	85
85	101	123	156	197	266	197	156	123	101	85

● F max. = 1509 kN

D 1801D 02.2025

SN5650-PMO-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0400-40°

118	145	177	224	292	**589**	292	224	177	145	118	25
127	159	198	259	352	**766**	352	259	198	159	127	
133	169	215	287	**405**	**941**	**405**	287	215	169	133	8 x 20
133	177	229	313	**457**	**1189**	**457**	313	229	177	133	
133	181	242	337	**509**	**1538**	**509**	337	242	181	133	
133	178	229	312	**454**	**1151**	**454**	312	229	178	133	
133	170	215	287	**402**	**919**	**402**	287	215	170	133	
129	160	200	260	350	**749**	350	260	200	160	129	
121	148	181	229	298	**595**	298	229	181	148	121	185

42,5 — 9 x 35 — 42,5

400

96	**116**	**141**	**180**	**237**	**326**	**237**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**235**	**326**	**235**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**234**	**326**	**234**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**234**	**326**	**234**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**234**	**326**	**234**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**234**	**326**	**234**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**234**	**326**	**234**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**235**	**326**	**235**	**180**	**141**	**116**	**96**
96	**116**	**141**	**180**	**237**	**326**	**237**	**180**	**141**	**116**	**96**

● F max. = 1574 kN

SN5650-PMO-0400-50°

143	172	206	256	335	**661**	335	256	206	172	143	25
156	191	233	299	**409**	**867**	**409**	299	233	191	156	
157	204	253	333	**474**	**1073**	**474**	333	253	204	157	8 x 20
157	210	270	364	**538**	**1381**	**538**	364	270	210	157	
157	210	279	377	**565**	**1523**	**565**	377	279	210	157	
157	210	262	347	**499**	**1160**	**499**	347	262	210	157	
157	199	244	316	**437**	**935**	**437**	316	244	199	157	
152	184	222	279	371	**746**	371	279	222	184	152	
141	168	199	243	311	**586**	311	243	199	168	141	185

42,5 — 9 x 35 — 42,5

400

117	**140**	**170**	**217**	**295**	**411**	**295**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**292**	**411**	**292**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**291**	**411**	**291**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**291**	**411**	**291**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**291**	**411**	**291**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**291**	**411**	**291**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**291**	**411**	**291**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**294**	**411**	**294**	**217**	**170**	**140**	**117**
117	**140**	**170**	**217**	**296**	**411**	**296**	**217**	**170**	**140**	**117**

● F max. = 1705 kN

SN5650-PMO-0400-60°

170	199	234	283	361	**691**	361	283	234	199	170	25
188	223	269	337	**451**	**915**	**451**	337	269	223	188	
194	242	296	380	**532**	**1146**	**532**	380	296	242	194	8 x 20
194	256	318	**418**	**608**	**1478**	**608**	**418**	318	256	194	
194	259	328	**434**	**641**	**1632**	**641**	**434**	328	259	194	
194	250	307	397	**562**	**1241**	**562**	397	307	250	194	
194	234	283	358	**487**	**992**	**487**	358	283	234	194	
182	214	254	312	404	**783**	404	312	254	214	182	
162	193	224	268	334	**611**	334	268	224	193	162	185

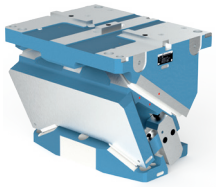
42,5 — 9 x 35 — 42,5

400

148	**177**	**216**	**275**	**361**	**541**	**361**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
148	**177**	**216**	**275**	**378**	**541**	**378**	**275**	**216**	**177**	**148**
141	**177**	**216**	**268**	**334**	**541**	**334**	**268**	**216**	**177**	**141**

● F max. = 1826 kN

D 1801D 06.2022

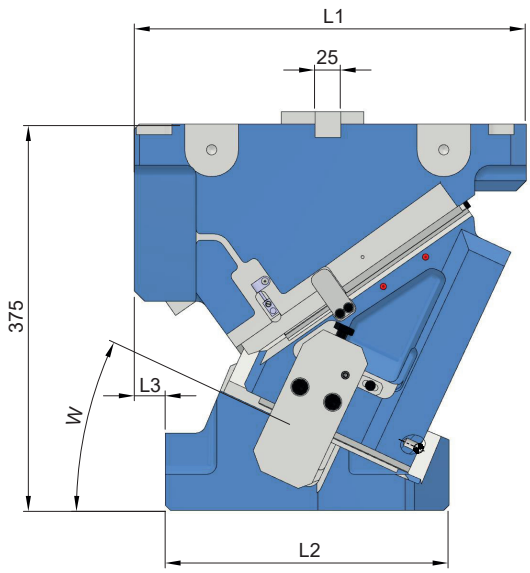


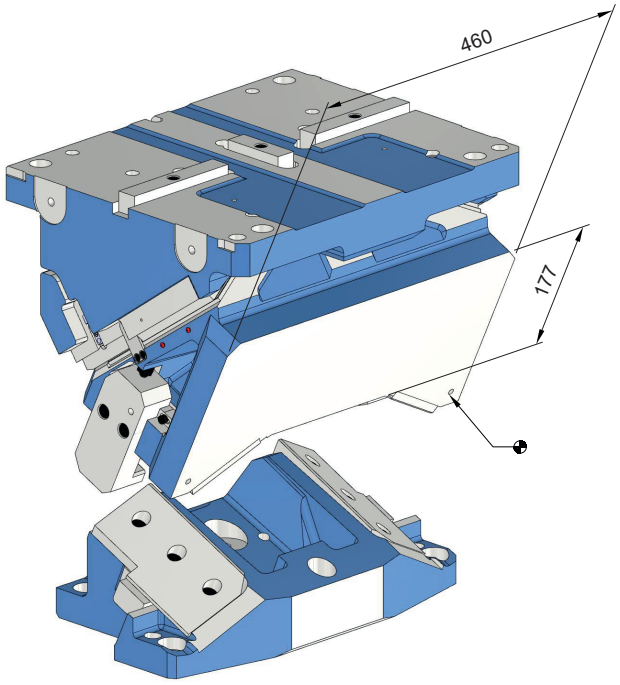
SN5650-PMO-0460-

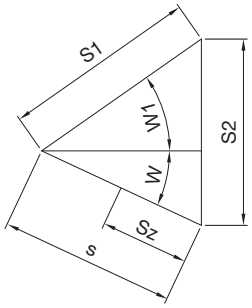
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	460 x 177 mm
Schieberbreite max.	*Cam unit width max.*	460 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1253 kN







Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug

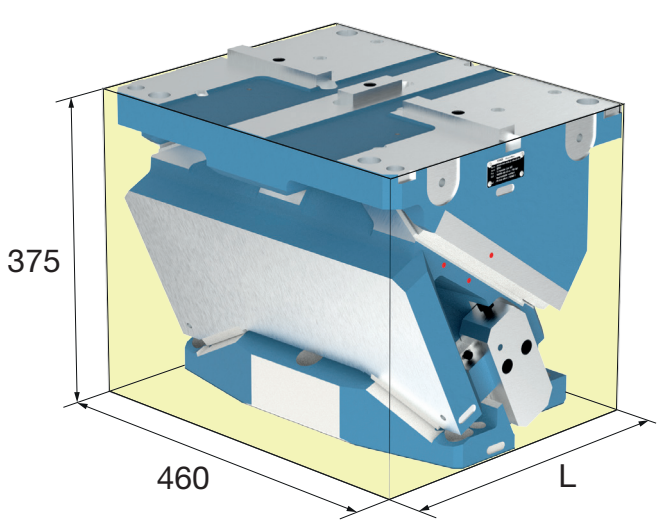
Sz = Engagement length of activ return

D 1801D 02.2025

SN5650-PMO-0460-

Oben hängender Schieber

Aerial cam unit



E0



E1



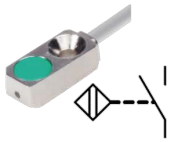
G0



S0



S1

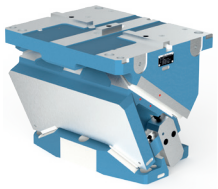


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

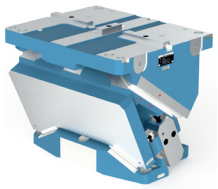
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMO-0460-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMO-0460-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMO-0460-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMO-0460-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMO-0460-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMO-0460-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMO-0460-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMO-0460-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMO-0460-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMO-0460-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E1-G0-S1-V04

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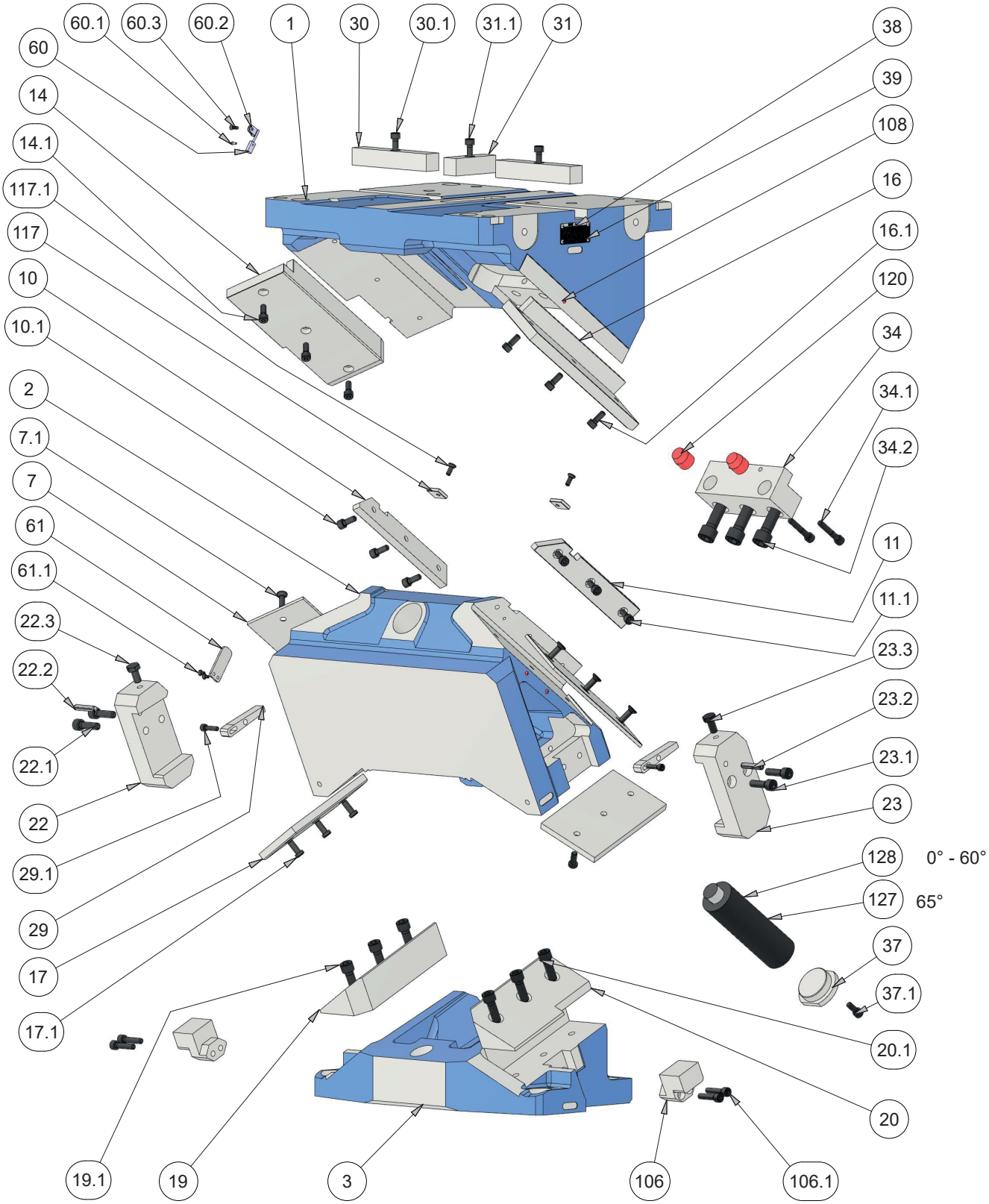
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E1-G1-S1-V04
55°	E0	G0	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E0-G0-S0-V04
55°	E0	G0	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E0-G0-S1-V04
55°	E0	G1	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E0-G1-S0-V04
55°	E0	G1	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E0-G1-S1-V04
55°	E1	G0	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E1-G0-S0-V04
55°	E1	G0	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E1-G0-S1-V04
55°	E1	G1	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E1-G1-S0-V04
55°	E1	G1	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E1-G1-S1-V04
60°	E0	G0	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E0-G0-S0-V04
60°	E0	G0	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E0-G0-S1-V04
60°	E0	G1	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E0-G1-S0-V04
60°	E0	G1	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E0-G1-S1-V04
60°	E1	G0	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E1-G0-S0-V04
60°	E1	G0	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E1-G0-S1-V04
60°	E1	G1	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E1-G1-S0-V04
60°	E1	G1	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMO-0460-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMO-0460-65-E1-G1-S1-V04

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SN5650-PMO-0460-

Bauteile

Components

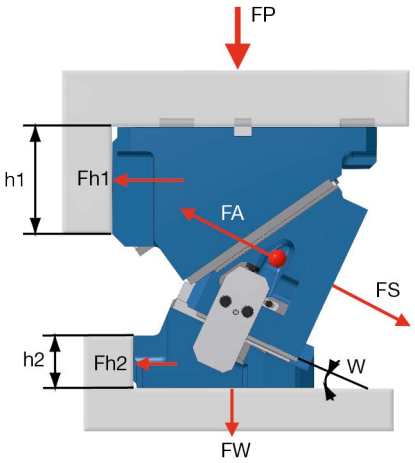


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-0460-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN] Stan-dard	FA [kN]
00°	1253	1193	1268	1193	-15	190	50	68	83
05°	1303	1245	1214	1128	79	180	65	76	91
10°	1352	1298	1159	1064	172	170	80	83	98
15°	1397	1347	1100	983	242	164	78	91	106
20°	1441	1395	1042	902	312	157	75	99	113
25°	1480	1438	979	812	356	146	88	93	111
30°	1519	1481	916	721	399	135	100	98	114
35°	1590	1555	869	641	425	133	100	98	111
40°	1661	1628	821	561	451	130	100	97	112
45°	1689	1661	749	470	439	120	116	95	113
50°	1717	1694	676	378	427	110	132	92	113
55°	1779	1759	613	305	399	100	151	90	111
60°	1841	1825	550	231	370	90	170	87	108
65°	1861	1843	486	157	300	90	165	86	107



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0460-0°

94	123	170	230	337	700	337	230	170	123	94
96	126	176	241	357	781	357	241	176	126	96
97	129	181	253	379	890	379	253	181	129	97
99	132	187	265	403	1034	403	265	187	132	99
98	132	189	273	428	1234	428	273	189	132	98
97	129	183	260	400	1057	400	260	183	129	97
95	126	178	248	376	963	376	248	178	126	95
93	123	172	236	353	789	353	236	172	123	93
91	120	165	224	330	698	330	224	165	120	91

17 · 8 x 20 · 177

2 x 45 | 7 x 40 | 2 x 45

460

57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57
57	68	83	98	115	141	115	98	83	68	57

● F max. = 1253 kN

SN5650-PMO-0460-10°

98	126	173	242	345	721	345	242	173	126	98
99	129	179	255	370	818	370	255	179	129	99
101	132	185	268	396	939	396	268	185	132	101
103	135	191	281	424	1100	424	281	191	135	103
102	135	193	290	451	1328	451	290	193	135	102
101	132	187	277	421	1129	421	277	187	132	101
99	129	181	264	393	956	393	264	181	129	99
97	126	174	250	366	828	366	250	174	126	97
94	122	167	235	337	720	337	235	167	122	94

17 · 8 x 20 · 177

2 x 45 | 7 x 40 | 2 x 45

460

61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61
61	73	90	113	136	170	136	113	90	73	61

● F max. = 1352 kN

SN5650-PMO-0460-20°

101	128	170	228	326	644	326	228	170	128	101
103	132	178	246	359	758	359	246	178	132	103
105	136	186	262	393	886	393	262	186	136	105
107	139	193	275	423	1032	423	275	193	139	107
109	143	199	289	456	1232	456	289	199	143	109
108	142	199	291	467	1364	467	291	199	142	108
106	138	192	277	433	1120	433	277	192	138	106
104	135	185	263	401	950	401	263	185	135	104
102	131	178	248	368	813	368	248	178	131	102

17 · 8 x 20 · 177

2 x 45 | 7 x 40 | 2 x 45

460

67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67
67	80	99	128	161	206	161	128	99	80	67

● F max. = 1441 kN

SN5650-PMO-0460-30°

106	132	171	223	301	642	301	223	171	132	106
109	137	181	242	339	773	339	242	181	137	109
111	142	190	260	377	925	377	260	190	142	111
111	147	199	277	415	1137	415	277	199	147	111
111	148	204	290	454	1475	454	290	204	148	111
111	143	195	272	412	1181	412	272	195	143	111
108	138	185	254	372	948	372	254	185	138	108
104	132	174	235	331	787	331	235	174	132	104
100	124	161	211	288	639	288	211	161	124	100

17 · 8 x 20 · 177

2 x 45 | 7 x 40 | 2 x 45

460

81	97	118	149	190	251	190	149	118	97	81
81	97	118	149	189	251	189	149	118	97	81
81	97	118	149	189	251	189	149	118	97	81
81	97	118	149	189	251	189	149	118	97	81
81	97	118	149	189	251	189	149	118	97	81
81	97	118	149	189	251	189	149	118	97	81
81	97	118	149	189	251	189	149	118	97	81
81	97	118	149	190	251	190	149	118	97	81
81	97	118	149	191	251	191	149	118	97	81

● F max. = 1519 kN

D 1801D 02.2025

SN5650-PMO-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0460-40°

122	154	192	245	331	**676**	331	245	192	154	122	17
122	162	207	270	377	**823**	377	270	207	162	122	
122	166	219	293	**425**	**997**	**425**	293	219	166	122	
122	166	230	313	**472**	**1232**	**472**	313	230	166	122	8 x 20
122	166	237	331	**524**	**1610**	**524**	331	237	166	122	
122	166	226	309	**471**	**1283**	**471**	309	226	166	122	
122	165	214	287	**422**	**1025**	**422**	287	214	165	122	
122	156	199	262	371	**842**	371	262	199	156	122	
118	146	182	233	318	**674**	318	233	182	146	118	177

2 x 45 | 7 x 40 | 2 x 45

460

84	101	125	161	221	**311**	221	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	219	**311**	219	161	125	101	84
84	101	125	161	221	**311**	221	161	125	101	84

● F max. = 1661 kN

SN5650-PMO-0460-50°

139	168	204	253	335	**658**	335	253	204	168	139	17
140	180	222	284	392	**818**	392	284	222	180	140	
140	189	238	312	**452**	**1013**	**452**	312	238	189	140	
140	189	252	336	**507**	**1262**	**507**	336	252	189	140	8 x 20
140	189	261	358	**566**	**1663**	**566**	358	261	189	140	
140	189	247	333	**507**	**1317**	**507**	333	247	189	140	
140	185	233	307	**450**	**1044**	**450**	307	233	185	140	
140	173	214	275	386	**839**	386	275	214	173	140	
131	159	193	241	321	**656**	321	241	193	159	131	177

2 x 45 | 7 x 40 | 2 x 45

460

101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101
101	122	151	195	275	**396**	275	195	151	122	101

● F max. = 1717 kN

SN5650-PMO-0460-60°

163	189	223	269	337	**688**	337	269	223	189	163	17
175	206	248	306	398	**797**	398	306	248	206	175	
176	223	274	347	**475**	**1005**	**475**	347	274	223	176	
176	235	296	385	**550**	**1294**	**550**	385	296	235	176	8 x 20
176	235	314	420	**629**	**1770**	**629**	420	314	235	176	
176	233	292	382	**553**	**1360**	**553**	382	292	233	176	
176	218	268	343	**474**	**1043**	**474**	343	268	218	176	
168	199	240	298	393	**819**	393	298	240	199	168	
154	179	212	256	323	**636**	323	256	212	179	154	177

2 x 45 | 7 x 40 | 2 x 45

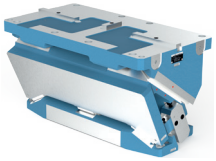
460

148	176	216	269	337	**526**	337	269	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	216	273	371	**526**	371	273	216	176	148
148	176	212	256	323	**526**	323	256	212	176	148

● F max. = 1841 kN

D 1801D 06.2022

STRACK NORMA GmbH & Co. KG · Königsberger Str. 11 · D-58511 Lüdenscheid · Tel +49 2351 8701-0 · www.strack.de

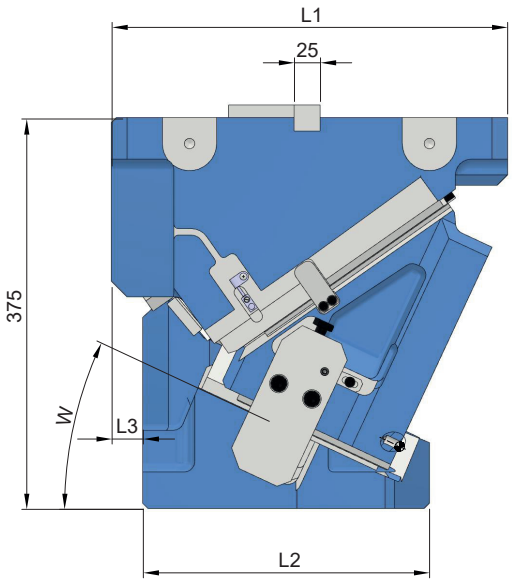


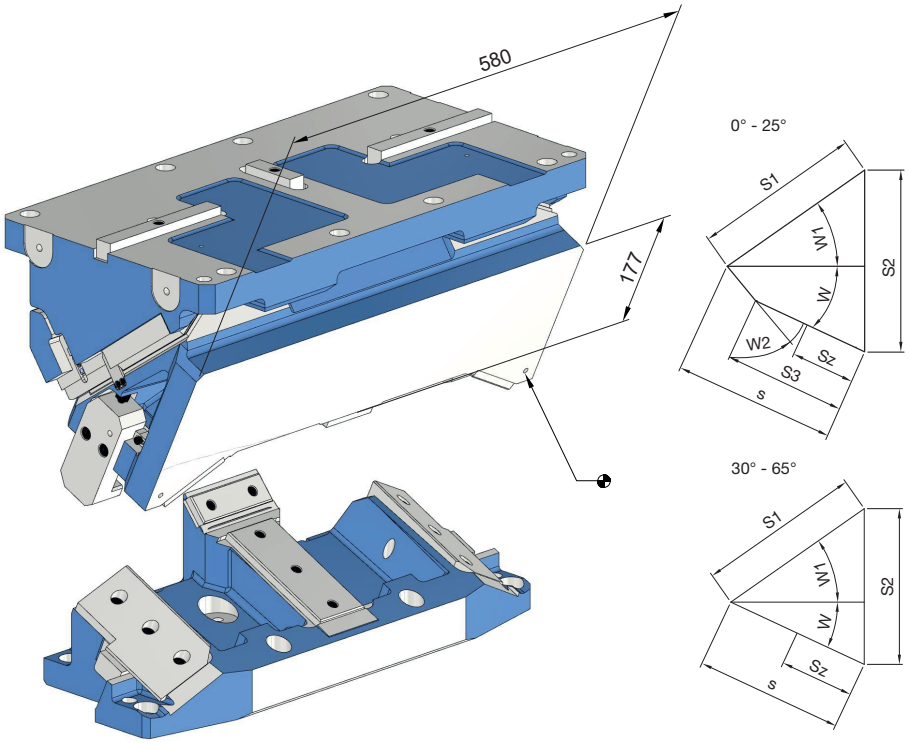
SN5650-PMO-0580-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	580 x 177 mm
Schieberbreite max.	*Cam unit width max.*	580 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	1500 kN





Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

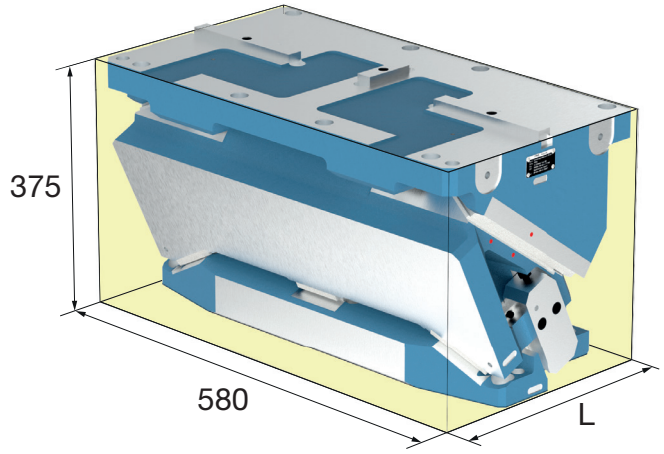
Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

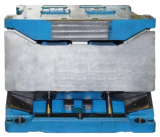
D 1801D 02.2025

SN5650-PMO-0580-

Oben hängender Schieber



E0



E1



G0



S0



S1

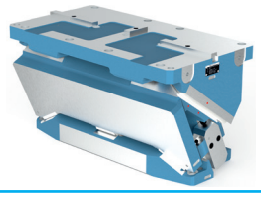


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

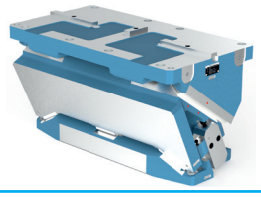
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0580-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0580-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0580-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0580-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E0-G0-S1-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0580-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0580-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0580-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0580-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0580-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0580-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0580-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E0-G0-S0-V04

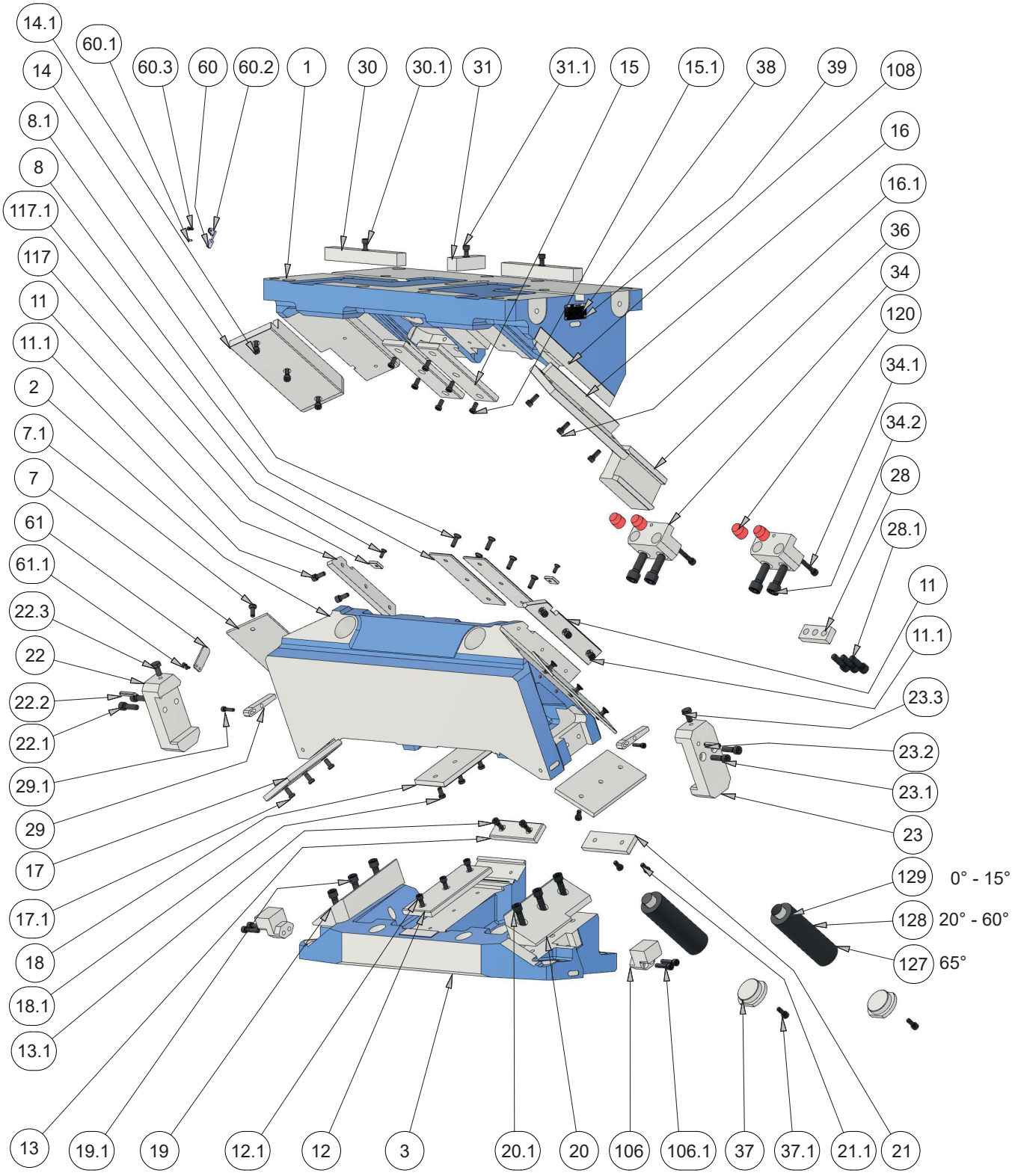
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W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E0-G1-S1-V04
55°	E1	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0580-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0580-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0580-65-E1-G1-S1-V04

SN5650-PMO-0580-

Bauteile
Components



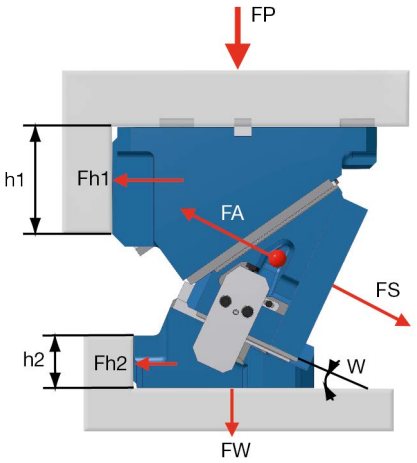
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

D 1801D 06.2022

SN5650-PMO-0580-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN] Stan-dard	FA [kN]
00°	1500	1447	1530	1447	-30	190	50	78	102
05°	1500	1454	1413	1324	76	180	65	83	111
10°	1500	1461	1296	1201	181	170	80	89	119
15°	1500	1467	1194	1081	249	163	78	94	126
20°	1500	1474	1092	961	318	155	75	100	132
25°	1500	1479	1001	847	353	145	88	100	141
30°	1500	1484	910	734	389	135	100	100	150
35°	1500	1489	827	632	397	133	100	100	148
40°	1500	1493	744	529	405	130	100	100	146
45°	1500	1497	667	441	389	120	115	100	143
50°	1500	1502	591	353	373	110	130	100	140
55°	1500	1505	518	281	339	100	148	100	137
60°	1500	1509	446	210	304	90	165	100	139
65°	1500	1507	388	148	245	90	165	100	138



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0580-0°

88	114	152	219	341	552	791	552	341	219	152	114	88
89	116	155	226	359	609	868	609	359	226	155	116	89
90	118	158	234	380	672	1003	672	380	234	158	118	90
92	120	162	243	404	750	1186	750	404	243	162	120	92
91	121	166	253	431	846	1452	846	431	253	166	121	91
90	119	163	249	433	881	1500	881	433	249	163	119	90
89	117	159	241	408	795	1337	795	408	241	159	117	89
88	115	156	233	387	716	1128	716	387	233	156	115	88
87	113	153	226	367	651	975	651	367	226	153	113	87

17 | 8 x 20 | 177

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54
54	64	75	86	102	118	125	118	102	86	75	64	54

● F max. = 1500 kN

SN5650-PMO-0580-10°

90	116	153	226	359	533	851	533	359	226	153	116	90
91	118	157	233	378	638	905	638	378	233	157	118	91
92	120	160	241	401	710	1059	710	401	241	160	120	92
93	122	164	250	427	797	1264	797	427	250	164	122	93
93	123	168	260	457	908	1500	908	457	260	168	123	93
92	121	164	255	457	945	1500	945	457	255	164	121	92
91	119	160	247	430	835	1402	835	430	247	160	119	91
90	117	157	239	406	749	1174	749	406	239	157	117	90
89	115	153	230	383	674	1000	674	383	230	153	115	89

17 | 8 x 20 | 177

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	72	85	103	125	146	157	146	125	103	85	72	60
60	71	85	103	125	146	157	146	125	103	85	71	60

● F max. = 1500 kN

SN5650-PMO-0580-20°

90	114	148	214	334	501	730	501	334	214	148	114	90
91	117	152	219	349	614	916	614	349	219	152	117	91
93	119	157	228	374	675	1030	675	374	228	157	119	93
94	122	161	238	403	774	1280	774	403	238	161	122	94
93	121	163	249	436	907	1500	907	436	249	163	121	93
92	119	159	239	420	889	1500	889	420	239	159	119	92
90	116	155	229	391	769	1313	769	391	229	155	116	90
90	115	152	222	367	678	1068	678	367	222	152	115	90
87	111	146	213	346	517	928	517	346	213	146	111	87

17 | 8 x 20 | 177

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66
66	79	94	116	145	177	195	177	145	116	94	79	66

● F max. = 1500 kN

SN5650-PMO-0580-30°

95	120	155	218	334	519	684	519	334	218	155	120	95
97	122	159	226	372	609	906	609	372	226	159	122	97
98	125	163	236	397	706	1062	706	397	236	163	125	98
100	128	168	247	429	816	1329	816	429	247	168	128	100
99	128	171	258	467	965	1500	965	467	258	171	128	99
97	125	166	247	449	941	1500	941	449	247	166	125	97
96	122	161	237	416	808	1355	808	416	237	161	122	96
95	121	159	231	393	718	1111	718	393	231	159	121	95
89	113	146	209	346	590	849	590	346	209	146	113	89

17 | 8 x 20 | 177

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76
76	91	110	138	177	219	243	219	177	138	110	91	76

● F max. = 1500 kN

D 1801D 06.2022

SN5650-PMO-0580-

Schieberkräfte
Cam Force

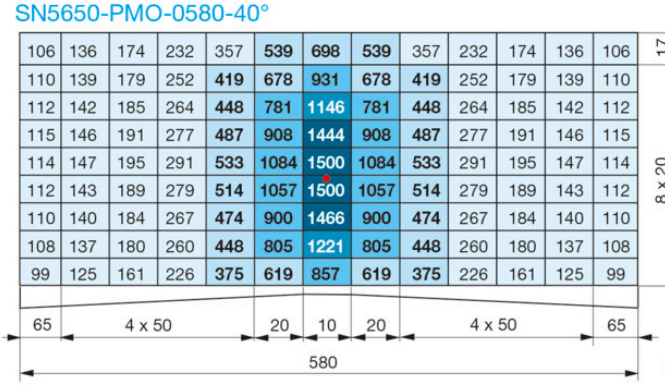
Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0580-40°

106	136	174	232	357	539	698	539	357	232	174	136	106	17
110	139	179	252	419	678	931	678	419	252	179	139	110	
112	142	185	264	448	781	1146	781	448	264	185	142	112	
115	146	191	277	487	908	1444	908	487	277	191	146	115	
114	147	195	291	533	1084	1500	1084	533	291	195	147	114	8 x 20
112	143	189	279	514	1057	1500	1057	514	279	189	143	112	
110	140	184	267	474	900	1466	900	474	267	184	140	110	
108	137	180	260	448	805	1221	805	448	260	180	137	108	
99	125	161	226	375	619	857	619	375	226	161	125	99	177

90	108	131	165	219	274	307	274	219	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	218	273	307	273	218	165	131	108	90
90	108	131	165	219	274	307	274	219	165	131	108	90

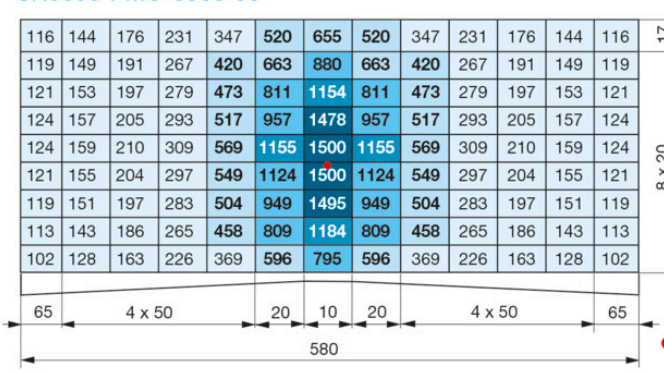


● F max. = 1500 kN

SN5650-PMO-0580-50°

116	144	176	231	347	520	655	520	347	231	176	144	116	17
119	149	191	267	420	663	880	663	420	267	191	149	119	
121	153	197	279	473	811	1154	811	473	279	197	153	121	
124	157	205	293	517	957	1478	957	517	293	205	157	124	
124	159	210	309	569	1155	1500	1155	569	309	210	159	124	8 x 20
121	155	204	297	549	1124	1500	1124	549	297	204	155	121	
119	151	197	283	504	949	1495	949	504	283	197	151	119	
113	143	186	265	458	809	1184	809	458	265	186	143	113	
102	128	163	226	369	596	795	596	369	226	163	128	102	177

111	133	161	204	277	353	396	353	277	204	161	133	111
111	133	161	204	277	352	396	352	277	204	161	133	111
111	133	161	204	277	351	396	351	277	204	161	133	111
111	133	161	204	277	351	396	351	277	204	161	133	111
111	133	161	204	277	351	396	351	277	204	161	133	111
111	133	161	204	277	351	396	351	277	204	161	133	111
111	133	161	204	277	351	396	351	277	204	161	133	111
111	133	161	204	277	351	396	351	277	204	161	133	111
102	128	161	204	277	352	396	352	277	204	161	128	102

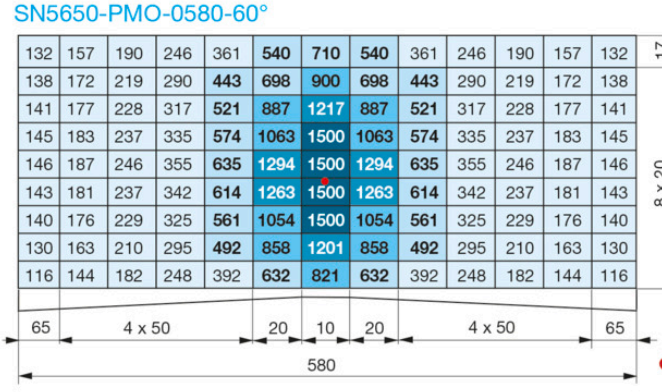


● F max. = 1500 kN

SN5650-PMO-0580-60°

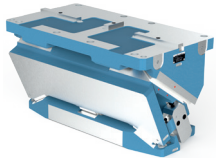
132	157	190	246	361	540	710	540	361	246	190	157	132	17
138	172	219	290	443	698	900	698	443	290	219	172	138	
141	177	228	317	521	887	1217	887	521	317	228	177	141	
145	183	237	335	574	1063	1500	1063	574	335	237	183	145	
146	187	246	355	635	1294	1500	1294	635	355	246	187	146	8 x 20
143	181	237	342	614	1263	1500	1263	614	342	237	181	143	
140	176	229	325	561	1054	1500	1054	561	325	229	176	140	
130	163	210	295	492	858	1201	858	492	295	210	163	130	
116	144	182	248	392	632	821	632	392	248	182	144	116	177

132	157	190	246	361	475	533	475	361	246	190	157	132
138	172	212	268	364	473	533	473	364	268	212	172	138
141	175	212	268	364	472	533	472	364	268	212	175	141
145	175	212	268	364	472	533	472	364	268	212	175	145
146	175	212	268	364	472	533	472	364	268	212	175	146
143	175	212	268	364	472	533	472	364	268	212	175	143
140	175	212	268	364	472	533	472	364	268	212	175	140
130	163	210	268	364	472	533	472	364	268	210	163	130
116	144	182	248	364	473	533	473	364	248	182	144	116



● F max. = 1500 kN

D 1801D 06.2022

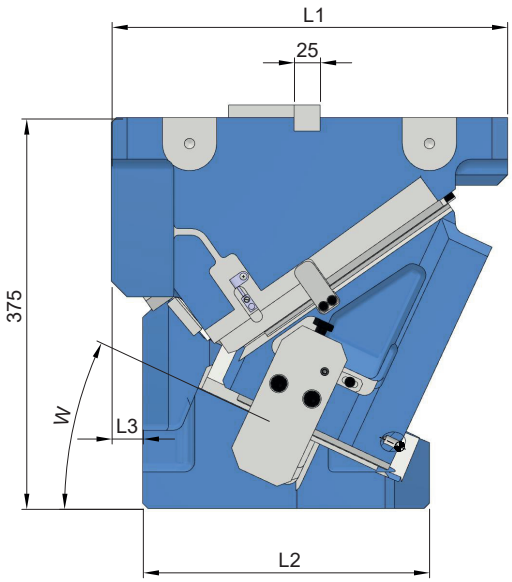


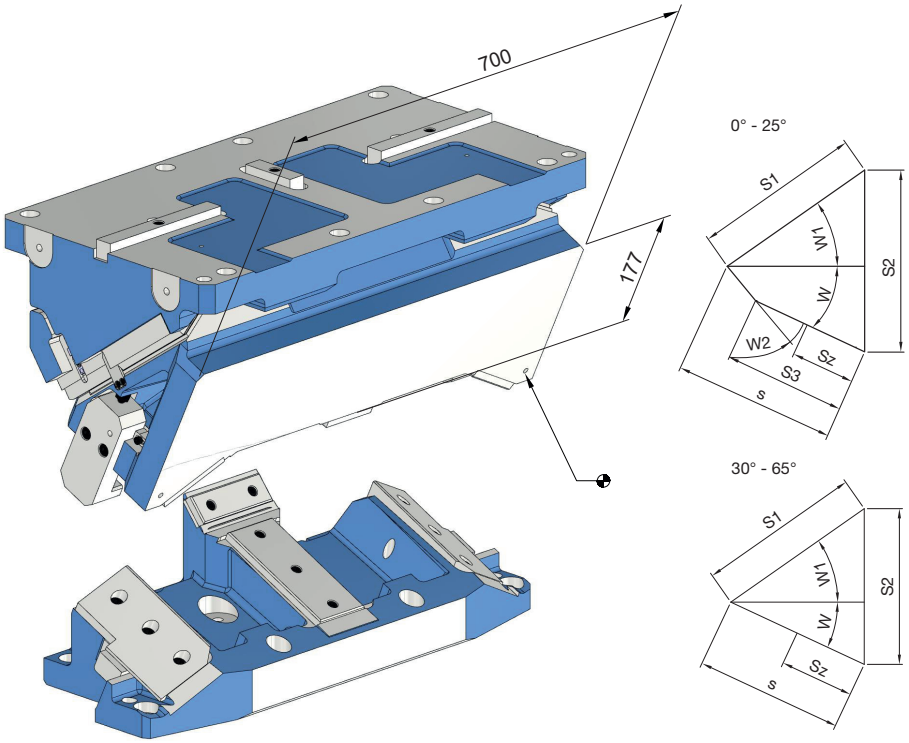
SN5650-PMO-0700-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	700 x 177 mm
Schieberbreite max.	*Cam unit width max.*	700 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	1750 kN





Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

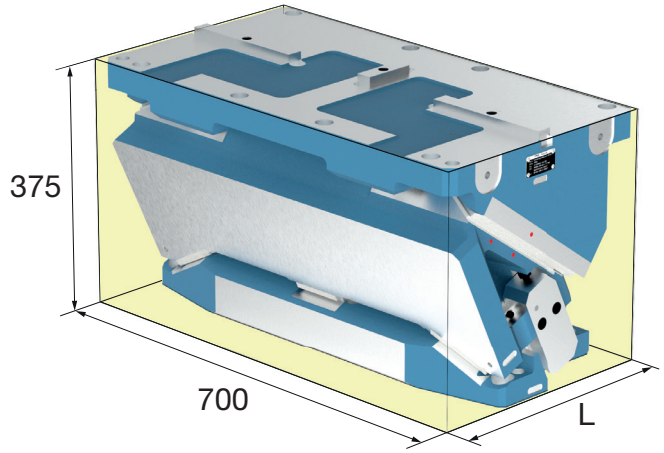
Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

D 1801D 02.2025

SN5650-PMO-0700-

Oben hängender Schieber

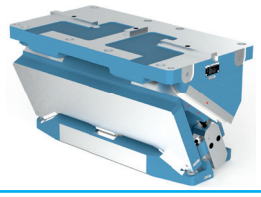


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

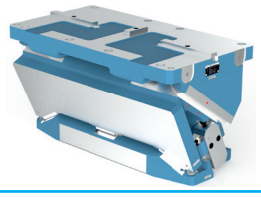
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0700-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0700-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0700-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0700-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E0-G0-S1-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0700-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0700-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0700-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0700-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0700-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0700-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0700-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E0-G0-S0-V04

D 1801D 06.2022

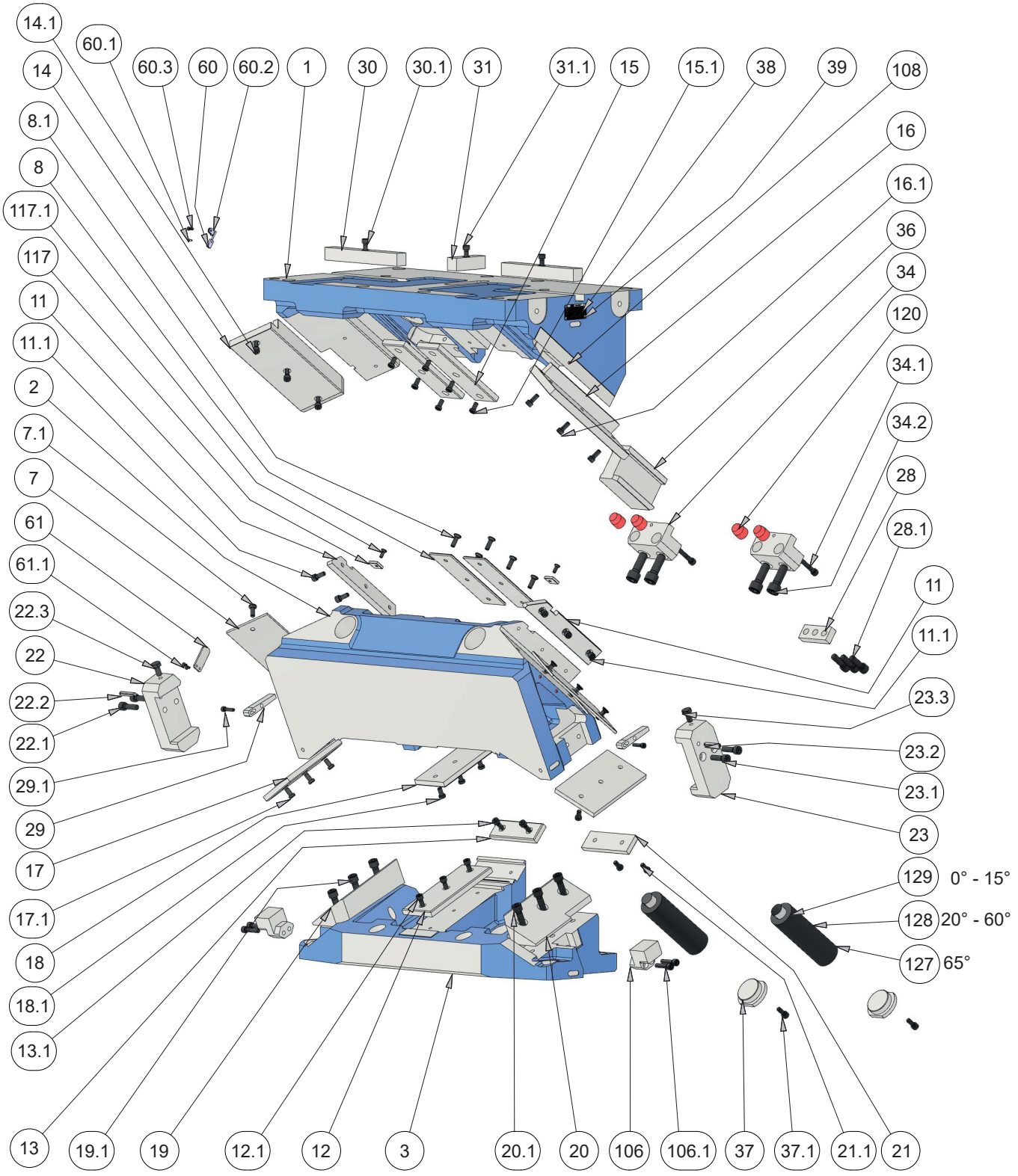


W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E0-G1-S1-V04
55°	E1	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0700-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0700-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0700-65-E1-G1-S1-V04

SN5650-PMO-0700-

Bauteile

Components



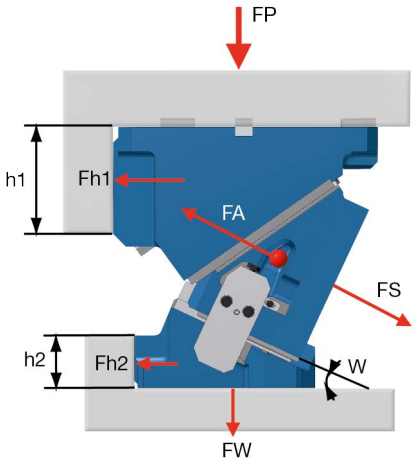
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

D 1801D 06.2022

SN5650-PMO-0700-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]	FA [kN]
00°	1750	1680	1780	1680	-30	190	50	78	102
05°	1750	1689	1644	1537	93	180	65	83	111
10°	1750	1697	1508	1393	215	170	80	89	119
15°	1750	1704	1390	1253	294	163	78	94	126
20°	1750	1712	1271	1113	373	155	75	100	132
25°	1750	1718	1166	981	414	145	88	100	141
30°	1750	1724	1060	849	456	135	100	100	150
35°	1750	1730	964	730	464	133	100	100	148
40°	1750	1735	868	610	473	130	100	100	146
45°	1750	1740	778	508	454	120	115	100	143
50°	1750	1745	689	405	436	110	130	100	140
55°	1750	1750	605	322	395	100	148	100	137
60°	1750	1755	521	239	354	90	165	100	139
65°	1750	1752	454	166	285	90	165	100	135



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0700-0°

106	138	181	262	415	532	999	532	415	262	181	138	106	17
107	140	185	271	432	662	1038	662	432	271	185	140	107	
108	142	189	281	457	722	1202	722	457	281	189	142	108	
110	145	194	291	485	789	1424	789	485	291	194	145	110	
111	147	198	302	517	869	1747	869	517	302	198	147	111	8 x 20
109	146	198	306	539	945	1750	945	539	306	198	146	109	
108	144	194	296	509	859	1750	859	509	296	194	144	108	
107	142	190	287	483	788	1491	788	483	287	190	142	107	
106	140	186	278	459	727	1280	727	459	278	186	140	106	177

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72
72	85	100	119	142	164	178	164	142	119	100	85	72

● F max. = 1750 kN

SN5650-PMO-0700-10°

102	134	176	258	416	512	1000	512	416	258	176	134	102	17
104	136	180	264	436	712	1080	712	436	264	180	136	104	
105	138	184	273	462	803	1266	803	462	273	184	138	105	
106	141	188	282	491	886	1515	886	491	282	188	141	106	
107	143	193	293	524	987	1750	987	524	293	193	143	107	8 x 20
106	141	191	294	541	1071	1750	1071	541	294	191	141	106	
105	139	188	285	511	963	1750	963	511	285	188	139	105	
104	137	184	277	484	875	1550	875	484	277	184	137	104	
102	135	180	267	459	781	1314	781	459	267	180	135	102	177

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
80	94	112	138	169	199	218	199	169	138	112	94	80
79	94	112	138	169	199	218	199	169	138	112	94	79

● F max. = 1750 kN

SN5650-PMO-0700-20°

100	129	170	243	378	540	870	540	378	243	170	129	100	17
101	132	173	248	408	603	1120	603	408	248	173	132	101	
103	134	178	258	429	766	1240	766	429	258	178	134	103	
104	137	183	268	460	870	1541	870	460	268	183	137	104	
104	138	188	280	495	1005	1750	1005	495	280	188	138	104	8 x 20
103	136	183	274	493	1040	1750	1040	493	274	183	136	103	
101	134	179	264	462	912	1743	912	462	264	179	134	101	
101	132	175	256	435	812	1406	812	435	256	175	132	101	
99	130	171	249	417	571	1250	571	417	249	171	130	99	177

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

87	104	124	154	196	239	268	239	196	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87
87	104	124	154	195	238	268	238	195	154	124	104	87

● F max. = 1750 kN

SN5650-PMO-0700-30°

108	140	181	246	383	590	817	590	383	246	181	140	108	17
110	142	185	262	439	664	1088	664	439	262	185	142	110	
112	145	190	273	460	809	1279	809	460	273	190	145	112	
113	148	196	285	496	925	1604	925	496	285	196	148	113	
113	150	201	297	537	1080	1750	1080	537	297	201	150	113	8 x 20
112	147	196	291	533	1111	1750	1111	533	291	196	147	112	
110	145	191	280	498	966	1750	966	498	280	191	145	110	
110	143	188	273	471	865	1460	865	471	273	188	143	110	
105	136	177	254	425	655	1142	655	425	254	177	136	105	177

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

100	119	144	180	236	292	330	292	236	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	234	291	330	291	234	180	144	119	100
100	119	144	180	235	291	330	291	235	180	144	119	100

● F max. = 1750 kN

D 1801D 06.2022

SN5650-PMO-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0700-40°

129	162	202	270	416	623	839	623	416	270	202	162	129	17
131	167	215	305	488	779	1120	779	488	305	215	167	131	
133	171	222	315	530	907	1382	907	530	315	222	171	133	
136	175	229	330	575	1047	1746	1047	575	330	229	175	136	
137	179	237	346	627	1235	1750	1235	627	346	237	179	137	8 x 20
135	175	231	339	625	1272	1750	1272	625	339	231	175	135	
133	171	224	326	579	1095	1750	1095	579	326	224	171	133	
131	169	221	317	548	930	1603	930	548	317	221	169	131	
124	157	203	285	472	776	1149	776	472	285	203	157	124	177

117	141	170	214	288	361	412	361	288	214	170	141	117
117	141	170	214	286	360	412	360	286	214	170	141	117
117	141	170	214	286	359	412	359	286	214	170	141	117
117	141	170	214	286	359	412	359	286	214	170	141	117
117	141	170	214	286	359	412	359	286	214	170	141	117
117	141	170	214	286	359	412	359	286	214	170	141	117
117	141	170	214	286	359	412	359	286	214	170	141	117
117	141	170	214	286	359	412	359	286	214	170	141	117
117	141	170	214	286	360	412	360	286	214	170	141	117

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

● F max. = 1750 kN

SN5650-PMO-0700-50°

141	170	208	273	410	606	788	606	410	273	208	170	141	17
147	184	235	316	495	771	1062	771	495	316	235	184	147	
150	189	244	342	572	951	1393	951	572	342	244	189	150	
153	194	253	360	626	1117	1750	1117	626	360	253	194	153	
155	200	262	380	688	1334	1750	1334	688	380	262	200	155	8 x 20
152	195	256	373	686	1374	1750	1374	686	373	256	195	152	
150	190	248	356	632	1169	1750	1169	632	356	248	190	150	
145	184	238	338	582	989	1577	989	582	338	238	184	145	
134	167	214	295	479	763	1073	763	479	295	214	167	134	177

141	170	208	265	361	460	528	460	361	265	208	170	141
144	173	209	265	361	459	528	459	361	265	209	173	144
144	173	209	265	361	457	528	457	361	265	209	173	144
144	173	209	265	361	457	528	457	361	265	209	173	144
144	173	209	265	361	457	528	457	361	265	209	173	144
144	173	209	265	361	457	528	457	361	265	209	173	144
144	173	209	265	361	457	528	457	361	265	209	173	144
144	173	209	265	361	457	528	457	361	265	209	173	144
134	167	209	265	361	458	528	458	361	265	209	167	134

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

● F max. = 1750 kN

SN5650-PMO-0700-60°

175	211	259	339	507	761	992	761	507	339	259	211	175	17
181	226	288	396	618	972	1338	972	618	396	288	226	181	
186	234	300	420	696	1182	1725	1182	696	420	300	234	186	
190	241	313	445	770	1420	1750	1420	770	445	313	241	190	
188	241	315	457	830	1702	1750	1702	830	457	315	241	188	8 x 20
184	234	304	433	755	1413	1750	1413	755	433	304	234	184	
178	225	291	411	694	1199	1750	1199	694	411	291	225	178	
161	202	259	356	570	911	1257	911	570	356	259	202	161	
135	167	210	266	391	638	886	638	391	266	210	167	135	177

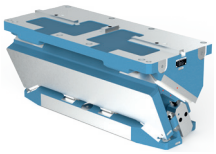
175	211	259	339	473	613	707	613	473	339	259	211	175
181	226	274	347	473	611	707	611	473	347	274	226	181
186	226	274	347	473	610	707	610	473	347	274	226	186
188	226	274	347	473	610	707	610	473	347	274	226	188
188	226	274	347	473	610	707	610	473	347	274	226	188
184	226	274	347	473	610	707	610	473	347	274	226	184
178	225	274	347	473	610	707	610	473	347	274	225	178
161	202	259	347	473	611	707	611	473	347	259	202	161
135	167	210	266	391	617	707	617	391	266	210	167	135

80 | 4 x 60 | 20 | 20 | 20 | 4 x 60 | 80

700

● F max. = 1750 kN

D 1801D 06.2022

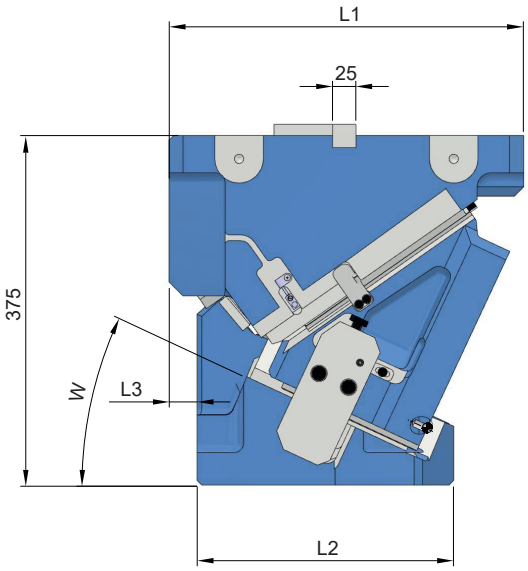


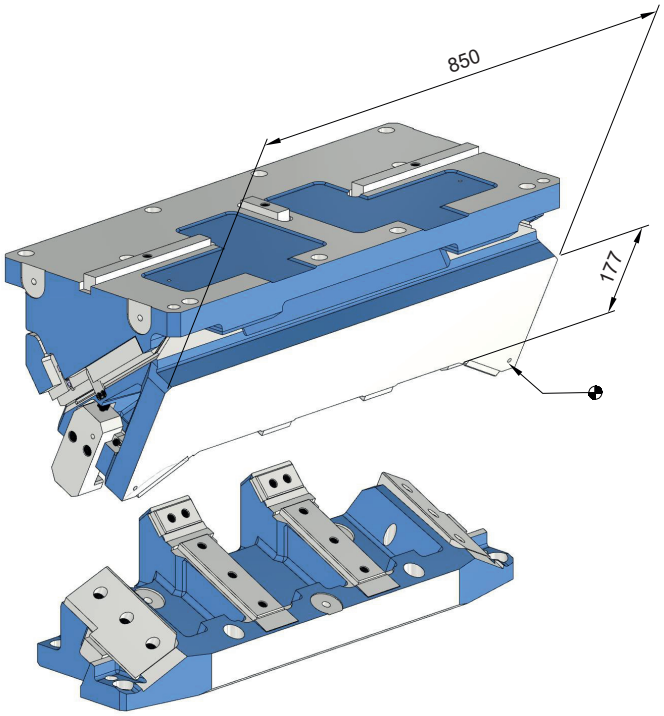
SN5650-PMO-0850-

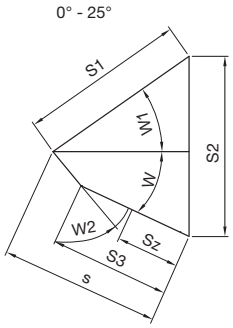
Oben hängender Schieber

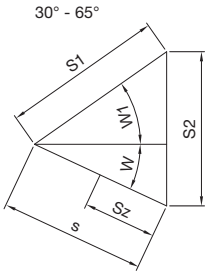
Aerial cam unit

Arbeitsfläche	*Working area*	850 x 177 mm
Schieberbreite max.	*Cam unit width max.*	850 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	2000 kN









Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

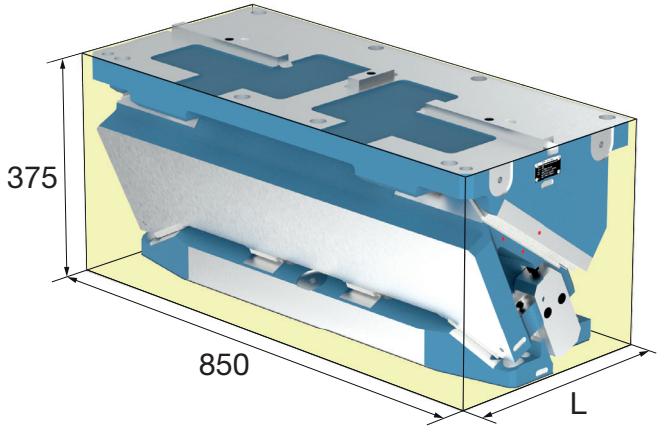
Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

SN5650-PMO-0850-

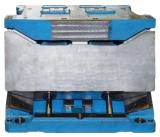
Oben hängender Schieber

Aerial cam unit



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



G0



S0



S1



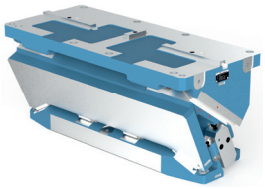
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

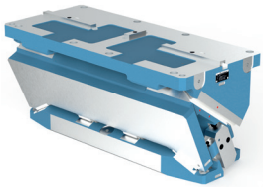
SE = Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-0850-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-0850-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-0850-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-0850-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E0-G1-S0-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-0850-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-0850-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-0850-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-0850-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-0850-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-0850-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-0850-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E0-G0-S0-V04
55°	E0	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E0-G0-S1-V04

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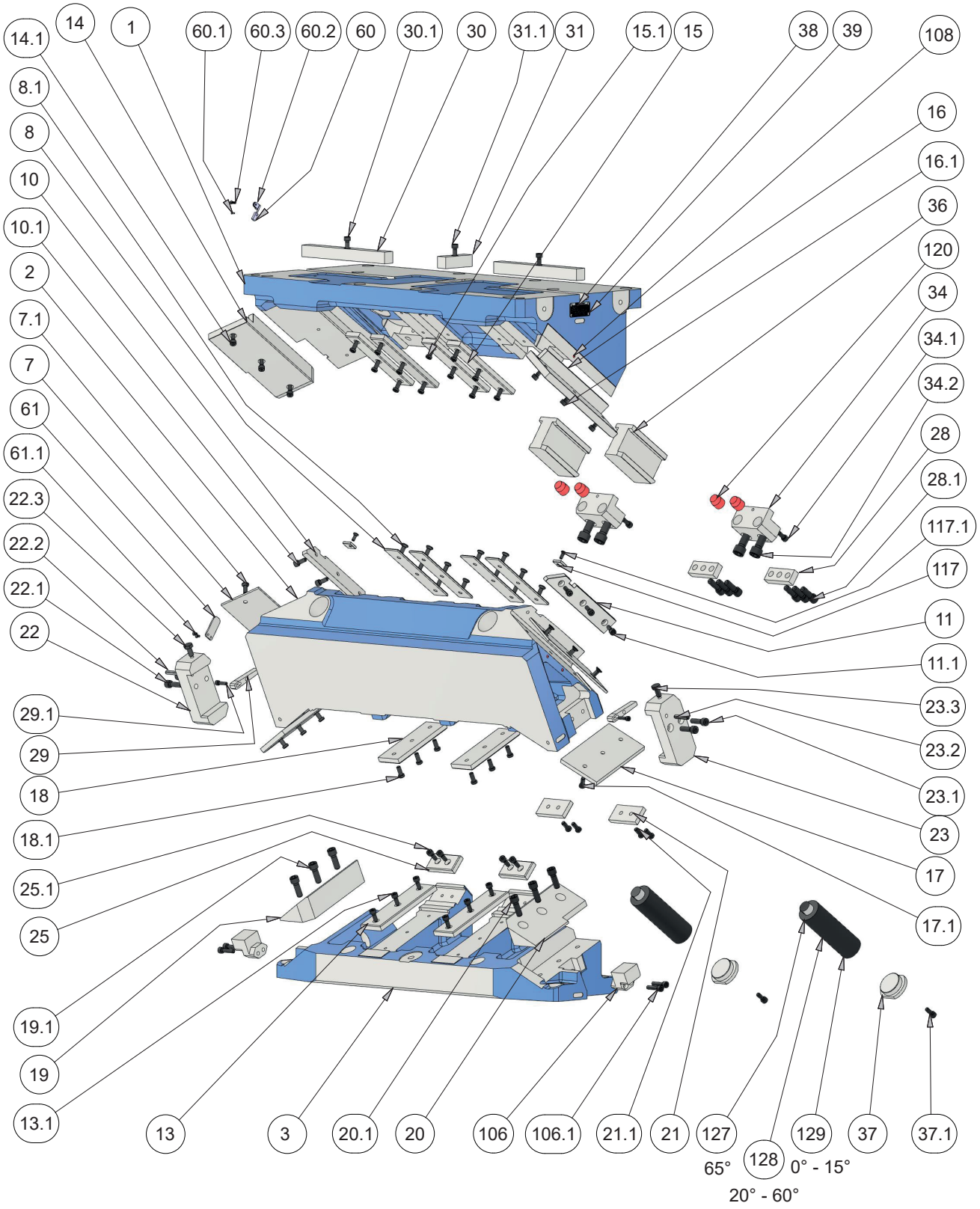


W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E0-G1-S1-V04
55°	E1	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-0850-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-0850-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-0850-65-E1-G1-S1-V04

SN5650-PMO-0850-

Bauteile

Components



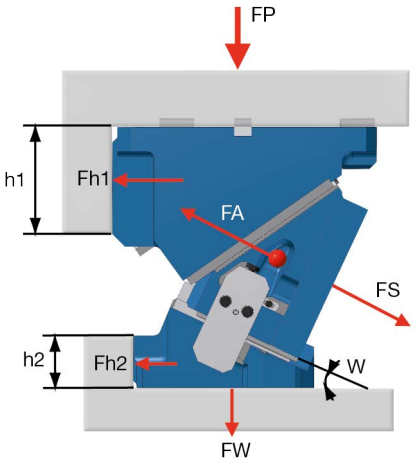
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

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SN5650-PMO-0850-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN] Stan-dard	FA [kN]
00°	2000	1927	2045	1927	-45	190	50	78	102
05°	2000	1937	1889	1763	96	180	65	83	111
10°	2000	1947	1733	1600	236	170	80	89	119
15°	2000	1956	1597	1440	327	163	78	94	126
20°	2000	1964	1461	1280	418	155	75	100	132
25°	2000	1971	1340	1129	466	145	88	100	141
30°	2000	1979	1219	979	513	135	100	100	150
35°	2000	1985	1109	842	523	133	100	100	148
40°	2000	1992	998	706	534	130	100	100	146
45°	2000	1998	896	589	513	120	115	100	143
50°	2000	2004	794	472	492	110	130	100	140
55°	2000	2009	697	377	446	100	148	100	137
60°	2000	2015	600	283	400	90	165	100	139
65°	2000	2012	524	200	321	90	165	100	153



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-0850-

Schieberkräfte
Cam Force

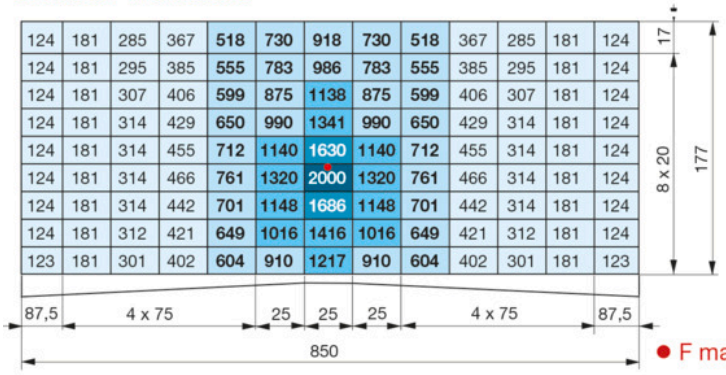
Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0850-0°

124	181	285	367	518	730	918	730	518	367	285	181	124	17
124	181	295	385	555	783	986	783	555	385	295	181	124	
124	181	307	406	599	875	1138	875	599	406	307	181	124	
124	181	314	429	650	990	1341	990	650	429	314	181	124	
124	181	314	455	712	1140	1630	1140	712	455	314	181	124	8 x 20
124	181	314	466	761	1320	2000	1320	761	466	314	181	124	
124	181	314	442	701	1148	1686	1148	701	442	314	181	124	
124	181	312	421	649	1016	1416	1016	649	421	312	181	124	
123	181	301	402	604	910	1217	910	604	402	301	181	123	177

83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83
83	96	111	132	164	194	215	194	164	132	111	96	83

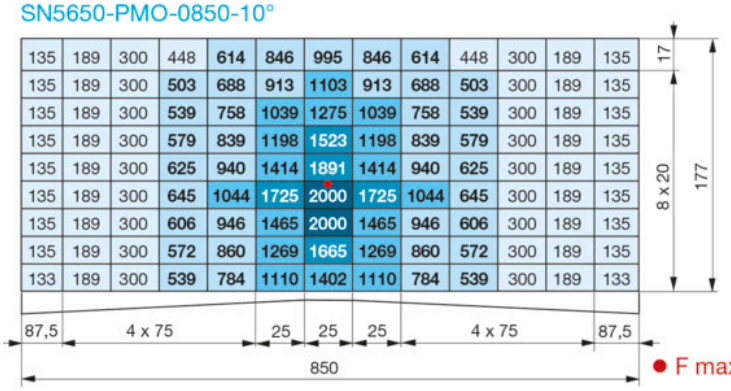


● F max. = 200 kN

SN5650-PMO-0850-10°

135	189	300	448	614	846	995	846	614	448	300	189	135	17
135	189	300	503	688	913	1103	913	688	503	300	189	135	
135	189	300	539	758	1039	1275	1039	758	539	300	189	135	
135	189	300	579	839	1198	1523	1198	839	579	300	189	135	
135	189	300	625	940	1414	1891	1414	940	625	300	189	135	8 x 20
135	189	300	645	1044	1725	2000	1725	1044	645	300	189	135	
135	189	300	606	946	1465	2000	1465	946	606	300	189	135	
135	189	300	572	860	1269	1665	1269	860	572	300	189	135	
133	189	300	539	784	1110	1402	1110	784	539	300	189	133	177

91	106	125	151	193	235	265	235	193	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91
91	106	125	151	192	235	265	235	192	151	125	106	91

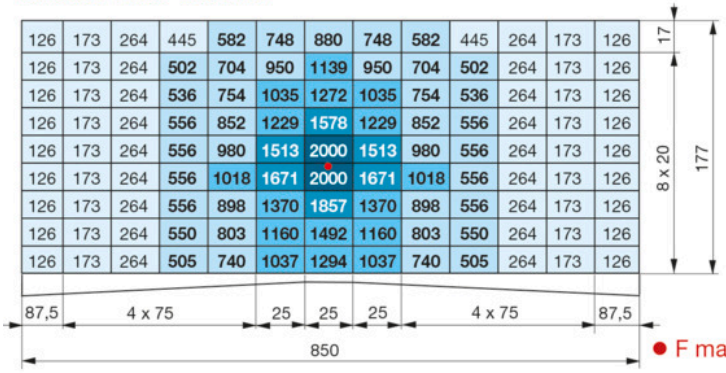


● F max. = 2000 kN

SN5650-PMO-0850-20°

126	173	264	445	582	748	880	748	582	445	264	173	126	17
126	173	264	502	704	950	1139	950	704	502	264	173	126	
126	173	264	536	754	1035	1272	1035	754	536	264	173	126	
126	173	264	556	852	1229	1578	1229	852	556	264	173	126	
126	173	264	556	980	1513	2000	1513	980	556	264	173	126	8 x 20
126	173	264	556	1018	1671	2000	1671	1018	556	264	173	126	
126	173	264	556	898	1370	1857	1370	898	556	264	173	126	
126	173	264	550	803	1160	1492	1160	803	550	264	173	126	
126	173	264	505	740	1037	1294	1037	740	505	264	173	126	177

100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100
100	118	140	173	226	284	325	284	226	173	140	118	100

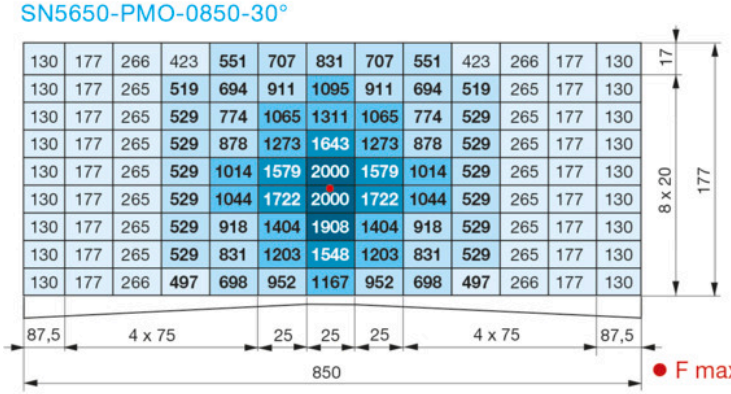


● F max. = 2000 kN

SN5650-PMO-0850-30°

130	177	266	423	551	707	831	707	551	423	266	177	130	17
130	177	265	519	694	911	1095	911	694	519	265	177	130	
130	177	265	529	774	1065	1311	1065	774	529	265	177	130	
130	177	265	529	878	1273	1643	1273	878	529	265	177	130	
130	177	265	529	1014	1579	2000	1579	1014	529	265	177	130	8 x 20
130	177	265	529	1044	1722	2000	1722	1044	529	265	177	130	
130	177	265	529	918	1404	1908	1404	918	529	265	177	130	
130	177	265	529	831	1203	1548	1203	831	529	265	177	130	
130	177	266	497	698	952	1167	952	698	497	266	177	130	177

116	136	164	204	271	346	402	346	271	204	164	136	116
116	136	163	204	271	346	402	346	271	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116
116	136	163	204	270	346	402	346	270	204	163	136	116



● F max. = 2000 kN

D 1801D 06.2022

SN5650-PMO-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-0850-40°

141	191	284	424	554	718	848	718	554	424	284	191	141
141	191	283	526	705	934	1127	934	705	526	283	191	141
141	191	283	544	826	1144	1416	1144	826	544	283	191	141
141	191	283	544	939	1376	1792	1376	939	544	283	191	141
141	191	283	544	1086	1715	2000	1715	1086	544	283	191	141
141	191	283	544	1116	1861	2000	1861	1116	544	283	191	141
141	191	283	544	979	1509	2000	1509	979	544	283	191	141
141	191	283	544	895	1309	1704	1309	895	544	283	191	141
141	191	283	507	710	963	1169	963	710	507	283	191	141

17 | 8 x 20 | 177

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

137	162	196	246	331	429	503	429	331	246	196	162	137
137	162	195	246	330	428	503	428	330	246	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137
137	162	195	245	330	428	503	428	330	245	195	162	137

● F max. = 2000 kN

SN5650-PMO-0850-50°

161	218	323	401	522	674	798	674	522	401	323	218	161
161	218	323	500	669	885	1068	885	669	500	323	218	161
161	218	323	587	831	1149	1430	1149	831	587	323	218	161
161	218	323	610	954	1403	1835	1403	954	610	323	218	161
161	218	323	610	1105	1757	2000	1757	1105	610	323	218	161
161	218	323	610	1132	1895	2000	1895	1132	610	323	218	161
161	218	323	610	991	1532	2000	1532	991	610	323	218	161
161	218	323	592	872	1273	1652	1273	872	592	323	218	161
161	218	323	474	660	895	1085	895	660	474	323	218	161

17 | 8 x 20 | 177

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

168	200	243	309	418	546	645	546	418	309	243	200	168
168	200	243	307	417	546	645	546	417	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168
168	200	243	307	416	545	645	545	416	307	243	200	168

● F max. = 2000 kN

SN5650-PMO-0850-60°

201	271	325	398	529	721	897	721	529	398	325	271	201
201	271	399	497	673	903	1103	903	673	497	399	271	201
201	271	399	606	864	1208	1504	1208	864	606	399	271	201
201	271	399	666	994	1479	1956	1479	994	666	399	271	201
201	271	399	732	1149	1854	2000	1854	1149	732	399	271	201
201	271	399	728	1176	1995	2000	1995	1176	728	399	271	201
201	271	399	670	1033	1616	2000	1616	1033	670	399	271	201
201	271	399	601	884	1288	1670	1288	884	601	399	271	201
201	271	365	475	671	922	1133	922	671	475	365	271	201

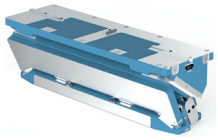
17 | 8 x 20 | 177

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

221	264	320	398	529	721	865	721	529	398	320	264	221
221	264	320	407	555	729	865	729	555	407	320	264	221
221	264	320	407	553	728	865	728	553	407	320	264	221
221	264	320	407	553	728	865	728	553	407	320	264	221
221	264	320	407	553	728	865	728	553	407	320	264	221
221	264	320	407	553	728	865	728	553	407	320	264	221
221	264	320	407	553	728	865	728	553	407	320	264	221
221	264	320	407	553	728	865	728	553	407	320	264	221
197	264	320	407	554	729	865	729	554	407	320	264	197

● F max. = 2000 kN

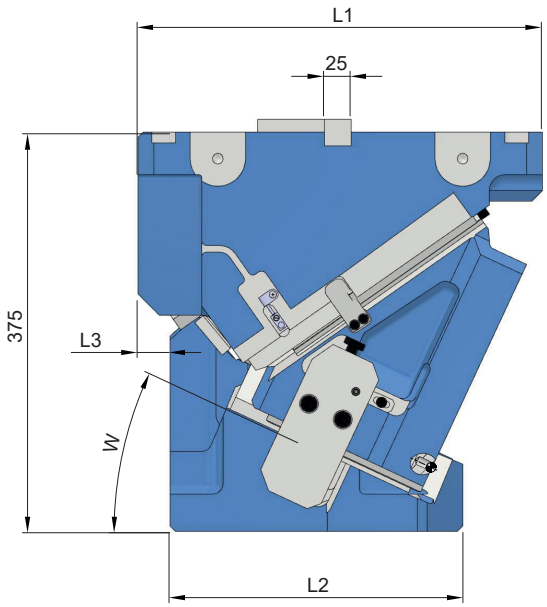


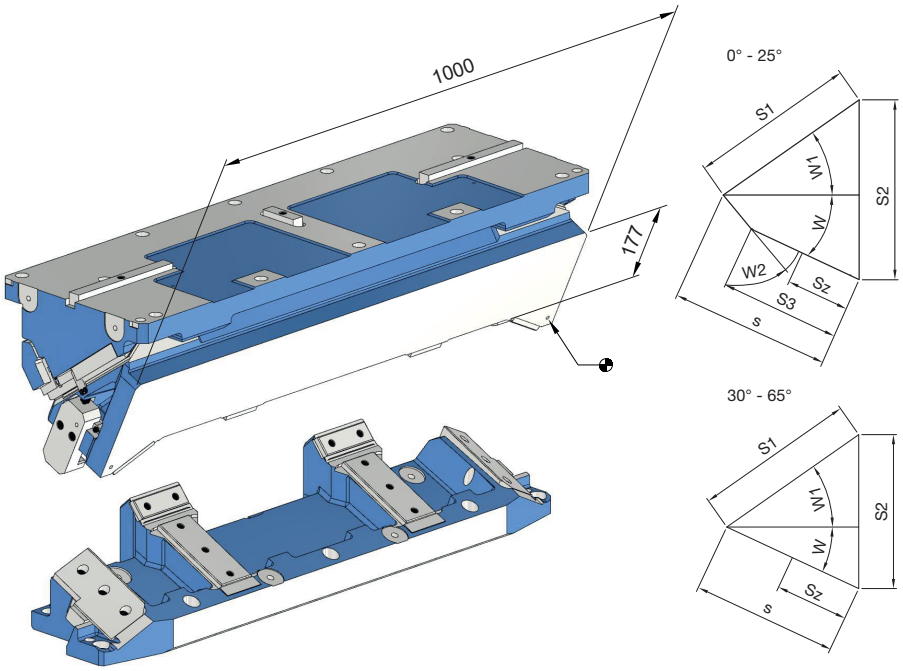
SN5650-PMO-1000-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	1000 x 177 mm
Schieberbreite max.	*Cam unit width max.*	1000 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	2250 kN





Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

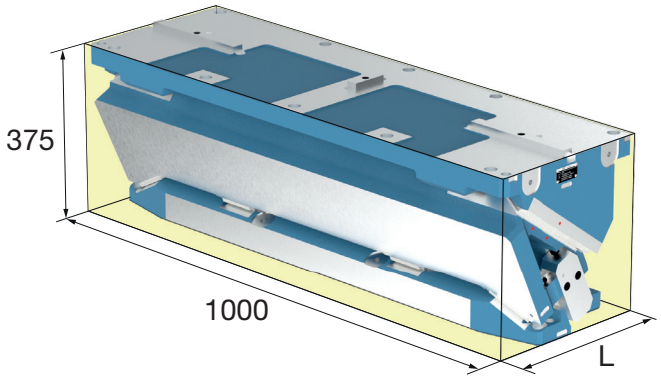
Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

D 1801D 02.2025

SN5650-PMO-1000-

Oben hängender Schieber

Aerial cam unit



E0



E1



G0



S0



S1

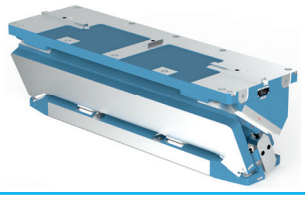


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

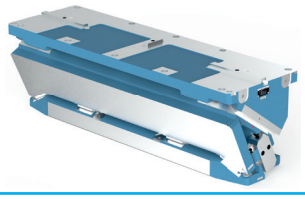
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1000-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1000-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1000-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1000-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E1-G0-S0-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1000-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1000-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1000-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1000-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1000-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1000-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1000-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E0-G0-S0-V04
55°	E0	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E0-G1-S1-V04

D 1801D 06.2022



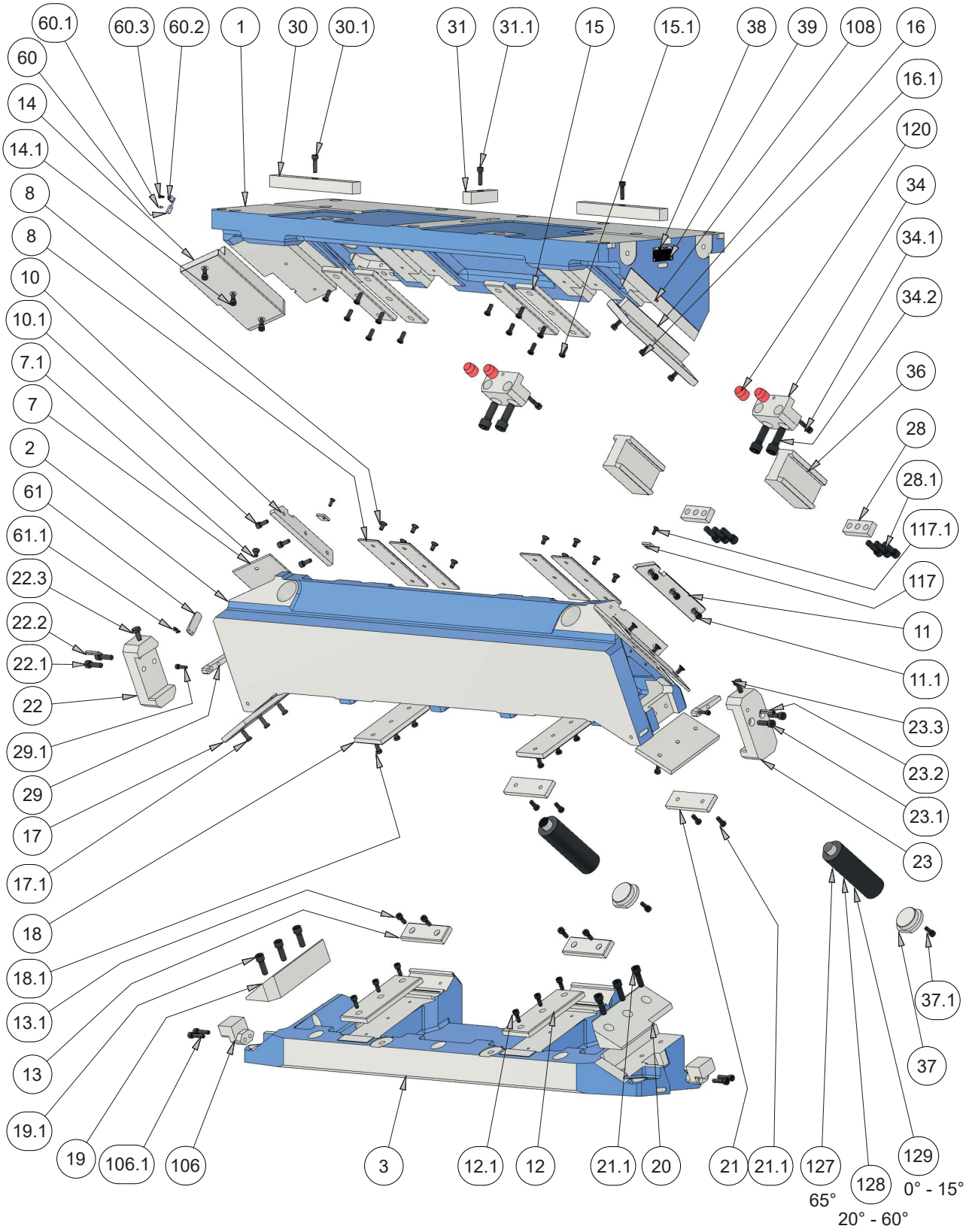
W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E1	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1000-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1000-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1000-65-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMO-1000-

Bauteile

Components

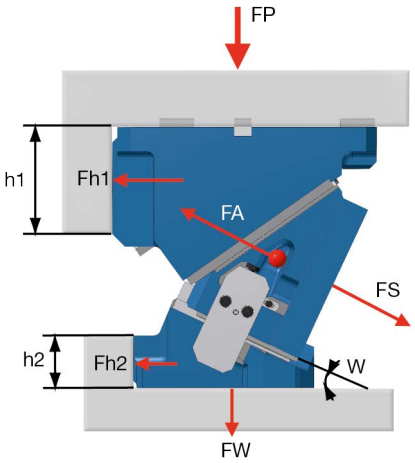


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-1000-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN] Stan-dard	FA [kN]
00°	2250	2170	2295	2170	-45	190	50	78	102
05°	2250	2181	2119	1986	113	180	65	83	111
10°	2250	2192	1944	1801	272	170	80	89	119
15°	2250	2201	1791	1621	374	163	78	94	126
20°	2250	2210	1638	1441	477	155	75	100	132
25°	2250	2218	1501	1271	530	145	88	100	141
30°	2250	2226	1365	1101	584	135	100	100	150
35°	2250	2233	1241	947	595	133	100	100	148
40°	2250	2240	1116	794	607	130	100	100	146
45°	2250	2246	1001	661	584	120	115	100	143
50°	2250	2252	886	529	560	110	130	100	140
55°	2250	2258	777	422	508	100	148	100	137
60°	2250	2264	669	315	456	90	165	100	139
65°	2250	2261	583	221	368	90	165	100	153



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

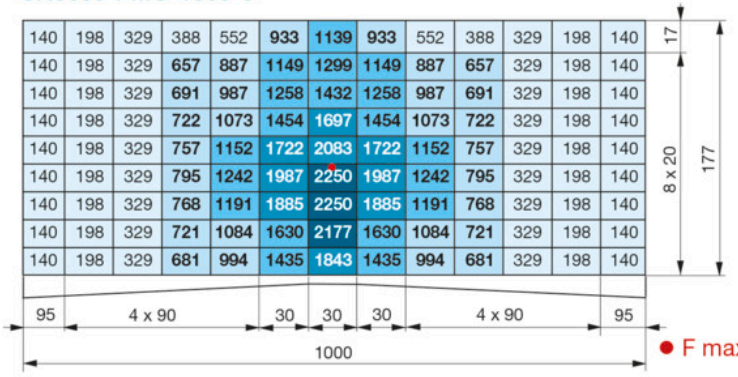
SN5650-PMO-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

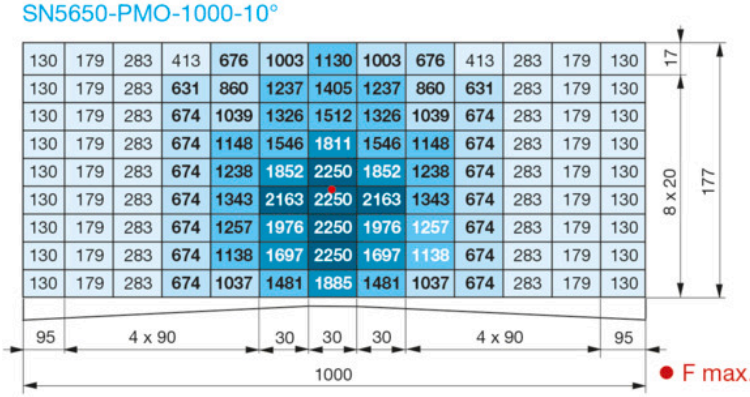
SN5650-PMO-1000-0°



84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84
84	96	112	133	164	195	215	195	164	133	112	96	84

● F max. = 2250 kN

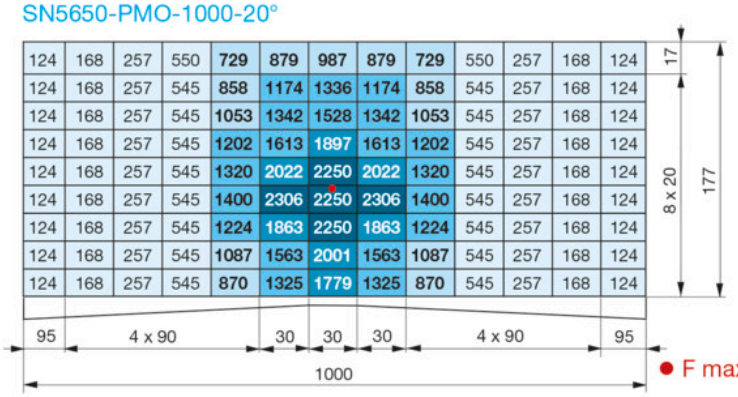
SN5650-PMO-1000-10°



95	110	129	156	197	238	266	238	197	156	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95
95	110	129	155	196	238	266	238	196	155	129	110	95

● F max. = 2250 kN

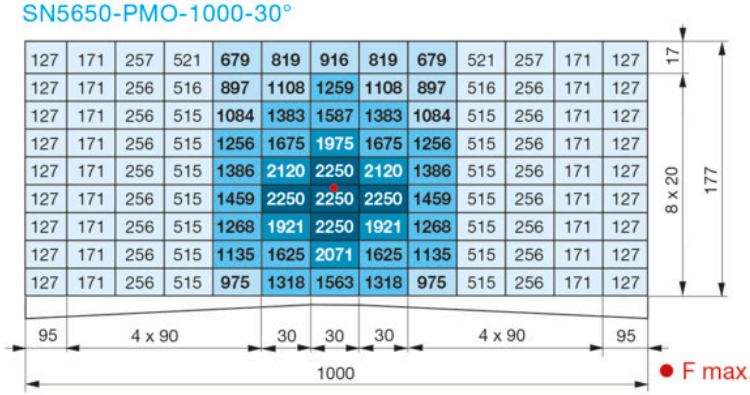
SN5650-PMO-1000-20°



107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	147	181	234	290	329	290	234	181	147	125	107
107	125	148	181	234	290	329	290	234	181	148	125	107

● F max. = 2250 kN

SN5650-PMO-1000-30°



125	145	173	215	282	355	409	355	282	215	173	145	125
125	145	173	215	282	355	409	355	282	215	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125
125	145	173	214	281	355	409	355	281	214	173	145	125

● F max. = 22500 kN

D 1801D 06.2022

SN5650-PMO-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-1000-40°

137	183	273	534	686	827	928	827	686	534	273	183	137	17
137	183	272	529	909	1130	1291	1130	909	529	272	183	137	
137	183	272	528	1171	1525	1765	1525	1171	528	272	183	137	
137	183	272	528	1350	1816	2158	1816	1350	528	272	183	137	
137	183	272	528	1524	2250	2250	2250	1524	528	272	183	137	
137	183	272	528	1603	2250	2250	2250	1603	528	272	183	137	8 x 20
137	183	272	528	1387	2090	2250	2090	1387	528	272	183	137	
137	183	272	528	1251	1788	2250	1788	1251	528	272	183	137	
137	183	272	528	1017	1349	1559	1349	1017	528	272	183	137	177

95 | 4 x 90 | 30 | 30 | 30 | 4 x 90 | 95

1000

148	174	208	260	346	442	513	442	346	260	208	174	148
148	174	208	260	345	442	513	442	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148
148	174	208	260	345	441	513	441	345	260	208	174	148

● F max. = 2250 kN

SN5650-PMO-1000-50°

158	211	313	514	638	766	901	766	638	514	313	211	158	17
158	210	311	593	852	1057	1204	1057	852	593	311	210	158	
158	210	310	589	1175	1500	1738	1500	1175	589	310	210	158	
158	210	310	589	1376	1854	2206	1854	1376	589	310	210	158	
158	210	310	589	1569	2250	2250	2250	1569	589	310	210	158	
158	210	310	589	1645	2250	2250	2250	1645	589	310	210	158	8 x 20
158	210	310	589	1419	2132	2250	2132	1419	589	310	210	158	
158	210	310	589	1259	1790	2250	1790	1259	589	310	210	158	
158	211	311	591	961	1239	1428	1239	961	591	311	211	158	177

95 | 4 x 90 | 30 | 30 | 30 | 4 x 90 | 95

1000

184	217	261	327	438	565	660	565	438	327	261	217	184
184	216	260	326	437	564	660	564	437	326	260	216	184
184	216	260	326	436	564	660	564	436	326	260	216	184
184	216	260	326	436	564	660	564	436	326	260	216	184
184	216	260	326	436	564	660	564	436	326	260	216	184
184	216	260	326	436	564	660	564	436	326	260	216	184
184	216	260	326	436	564	660	564	436	326	260	216	184
184	216	260	326	436	564	660	564	436	326	260	216	184
184	216	260	326	437	564	660	564	437	326	260	216	184

● F max. = 2250 kN

SN5650-PMO-1000-60°

198	264	389	477	599	794	1021	794	599	477	389	264	198	17
198	263	388	672	862	1076	1235	1076	862	672	388	263	198	
198	263	387	729	1190	1530	1794	1530	1190	729	387	263	198	
198	263	387	729	1451	1970	2250	1970	1451	729	387	263	198	
198	263	387	729	1689	2250	2250	2250	1689	729	387	263	198	
198	263	387	729	1775	2250	2250	2250	1775	729	387	263	198	8 x 20
198	263	387	729	1528	2290	2250	2290	1528	729	387	263	198	
198	263	387	729	1308	1827	2250	1827	1308	729	387	263	198	
198	264	388	730	994	1261	1460	1261	994	730	388	264	198	177

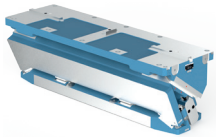
95 | 4 x 90 | 30 | 30 | 30 | 4 x 90 | 95

1000

244	287	346	436	586	758	887	758	586	436	346	287	244
244	287	345	434	583	756	887	756	583	434	345	287	244
244	286	345	433	582	755	887	755	582	433	345	286	244
244	286	345	433	582	755	887	755	582	433	345	286	244
244	286	345	433	582	755	887	755	582	433	345	286	244
244	286	345	433	582	755	887	755	582	433	345	286	244
244	286	345	433	582	755	887	755	582	433	345	286	244
244	286	345	433	582	755	887	755	582	433	345	286	244
229	287	345	433	582	755	887	755	582	433	345	287	229

● F max. = 2250 kN

D 1801D 06.2022

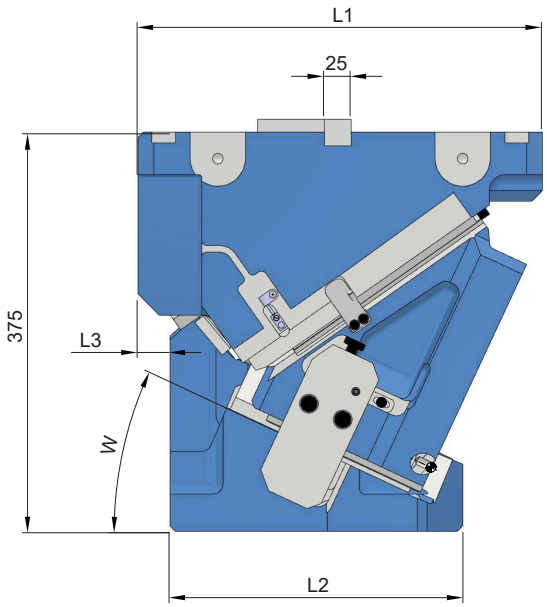


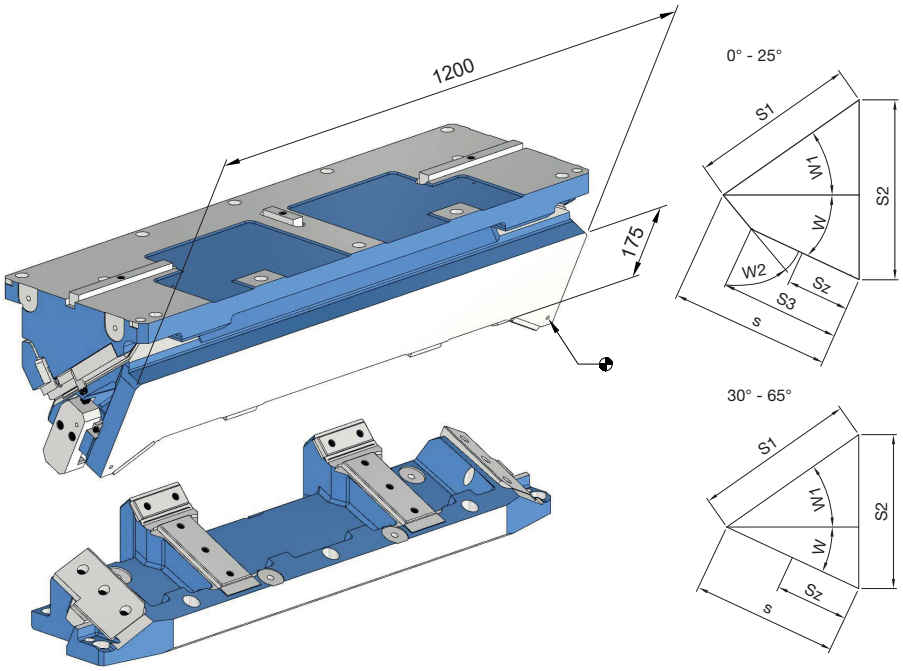
SN5650-PMO-1200-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	1200 x 175 mm
Schieberbreite max.	*Cam unit width max.*	1200 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	2500 kN





Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

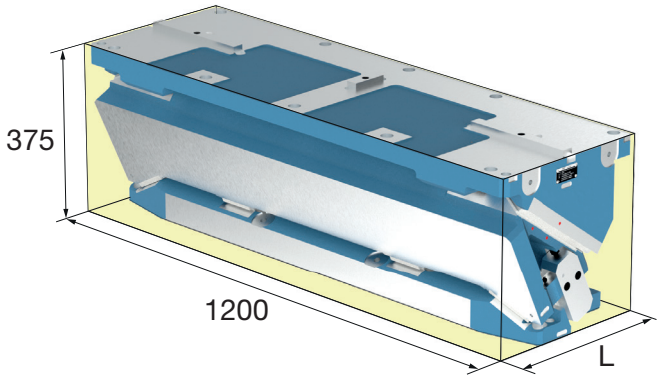
Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

SN5650-PMO-1200-

Oben hängender Schieber

Aerial cam unit



E0



E1



G0



S0



S1

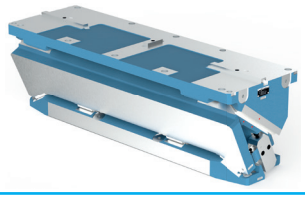


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

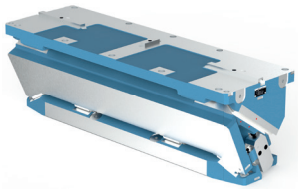
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMO-1200-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMO-1200-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMO-1200-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMO-1200-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E1-G0-S0-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMO-1200-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMO-1200-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	0	50.9	52	53	0	42	390	265	20	SN5650-PMO-1200-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	0	49.7	47	52	0	42	390	265	20	SN5650-PMO-1200-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	0	54.7	47	56.5	0	47	395	260	0	SN5650-PMO-1200-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	0	60.2	47	62.5	0	47	395	260	0	SN5650-PMO-1200-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	0	67.8	47	69.5	0	52	395	250	20	SN5650-PMO-1200-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E0-G0-S0-V04
55°	E0	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E0-G1-S1-V04

D 1801D 06.2022



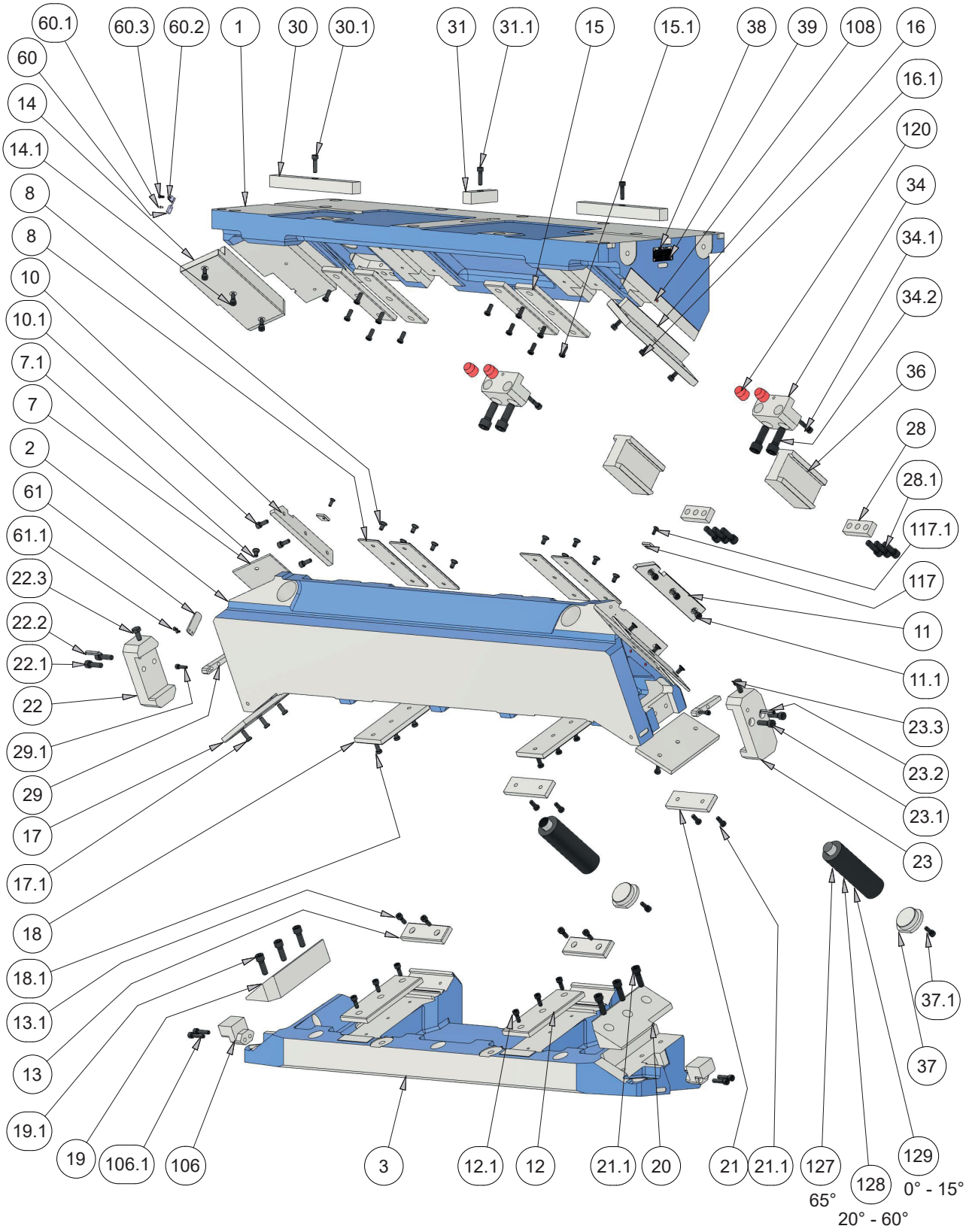
W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E1	G0	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	0	68.8	42	70.7	0	52	395	250	20	SN5650-PMO-1200-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	0	70.8	37	72.1	0	52	395	225	30	SN5650-PMO-1200-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	0	73.1	32	74.6	0	52	395	225	30	SN5650-PMO-1200-65-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMO-1200-

Bauteile

Components

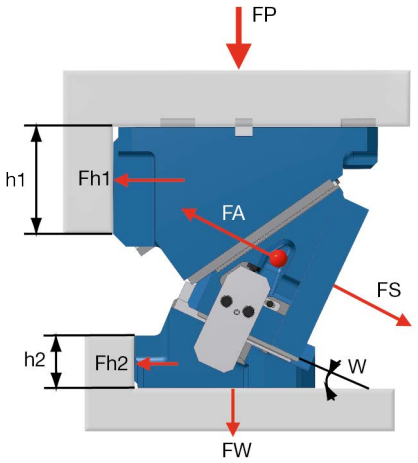


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMO-1200-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN] Stan-dard	FA [kN]
00°	2500	2407	2560	2407	-60	190	50	78	138
05°	2500	2420	2365	2203	116	180	65	83	144
10°	2500	2433	2171	1999	291	170	80	89	149
15°	2500	2444	2001	1799	405	173	78	94	148
20°	2500	2454	1831	1599	518	175	75	100	147
25°	2500	2464	1680	1411	578	155	88	100	161
30°	2500	2473	1528	1223	637	135	100	100	175
35°	2500	2482	1390	1053	650	133	100	100	172
40°	2500	2490	1252	883	663	130	100	100	169
45°	2500	2498	1124	737	637	120	116	100	167
50°	2500	2506	996	591	611	110	132	100	164
55°	2500	2513	876	473	553	100	151	100	162
60°	2500	2520	755	355	495	90	170	100	159
65°	2500	2517	659	251	397	90	170	100	157



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMO-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMO-1200-0°

161	206	288	467	527	620	792	1144	792	620	527	467	288	206	161
161	206	288	478	759	909	1131	1281	1131	909	759	478	288	206	161
161	206	288	478	798	982	1261	1428	1261	982	798	478	288	206	161
161	206	288	478	840	1048	1391	1692	1391	1048	840	478	288	206	161
161	206	288	478	888	1123	1527	2075	1527	1123	888	478	288	206	161
161	206	288	478	942	1210	1692	2500	1692	1210	942	478	288	206	161
161	206	288	478	894	1144	1590	2500	1590	1144	894	478	288	206	161
161	206	288	478	831	1043	1401	2134	1401	1043	831	478	288	206	161
161	206	288	478	776	958	1252	1807	1252	958	776	478	288	206	161

15 | 8 x 20 | 175

15 x 80

1200

109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109
109	120	133	150	172	201	242	304	242	201	172	150	133	120	109

● F max. = 2500 kN

SN5650-PMO-1200-10°

145	183	247	379	701	825	1089	1280	1089	825	701	379	247	183	145
145	183	247	379	817	1027	1267	1425	1267	1027	817	379	247	183	145
145	183	247	379	817	1103	1452	1708	1452	1103	817	379	247	183	145
145	183	247	379	817	1186	1600	2095	1600	1186	817	379	247	183	145
145	183	247	379	817	1283	1781	2500	1781	1283	817	379	247	183	145
145	183	247	379	817	1248	1748	2500	1748	1248	817	379	247	183	145
145	183	247	379	817	1128	1522	2337	1522	1128	817	379	247	183	145
145	183	247	379	817	1029	1347	1949	1347	1029	817	379	247	183	145
145	183	247	379	514	744	1098	1651	1098	744	514	379	247	183	145

15 | 8 x 20 | 175

15 x 80

1200

121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121
121	134	150	170	197	234	287	372	287	234	197	170	150	134	121

● F max. = 2500 kN

SN5650-PMO-1200-20°

138	171	226	333	627	778	923	1036	923	778	627	333	226	171	138
138	171	226	333	629	815	1096	1362	1096	815	629	333	226	171	138
138	171	226	333	629	1092	1353	1531	1353	1092	629	333	226	171	138
138	171	226	333	629	1190	1577	1902	1577	1190	629	333	226	171	138
138	171	226	333	629	1306	1788	2500	1788	1306	629	333	226	171	138
138	171	226	333	629	1355	1924	2500	1924	1355	629	333	226	171	138
138	171	226	333	629	1186	1599	2456	1599	1186	629	333	226	171	138
138	171	226	333	629	1060	1368	1951	1368	1060	629	333	226	171	138
138	171	226	333	629	817	1119	1704	1119	817	629	333	226	171	138

15 | 8 x 20 | 175

15 x 80

1200

135	150	169	194	226	272	341	455	341	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135

● F max. = 2500 kN

SN5650-PMO-1200-30°

140	172	225	323	574	780	861	963	861	780	574	323	225	172	140
140	172	225	322	571	966	1151	1312	1151	966	571	322	225	172	140
140	172	225	322	571	1139	1391	1573	1391	1139	571	322	225	172	140
140	172	225	322	571	1246	1649	1976	1649	1246	571	322	225	172	140
140	172	225	322	571	1374	1881	2500	1881	1374	571	322	225	172	140
140	172	225	322	571	1417	2007	2500	2007	1417	571	322	225	172	140
140	172	225	322	571	1233	1657	2500	1657	1233	571	322	225	172	140
140	172	225	322	571	1114	1441	2041	1441	1114	571	322	225	172	140
140	172	225	322	571	933	1159	1533	1159	933	571	322	225	172	140

15 | 8 x 20 | 175

15 x 80

1200

155	173	196	225	265	322	409	560	409	322	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155

● F max. = 2500 kN

D 1801D 06.2022

SN5650-PMO-1200-

Schieberkräfte

Cam Force

Abschulterung

Shouldering

Passfeder

Fitting Key

SN5650-PMO-1200-40°

149	183	237	335	574	792	875	984	875	792	574	335	237	183	149
149	183	237	335	571	1043	1175	1344	1175	1043	571	335	237	183	149
149	183	237	335	571	1239	1509	1730	1509	1239	571	335	237	183	149
149	183	237	335	571	1364	1799	2156	1799	1364	571	335	237	183	149
149	183	237	335	571	1513	2068	2500	2068	1513	571	335	237	183	149
149	183	237	335	571	1562	2207	2500	2207	1562	571	335	237	183	149
149	183	237	335	571	1353	1811	2500	1811	1353	571	335	237	183	149
149	183	237	335	571	1232	1591	2248	1591	1232	571	335	237	183	149
149	183	237	335	571	970	1200	1532	1200	970	571	335	237	183	149

15 | 8 x 20 | 175

15 x 80

1200

184	205	233	269	318	389	499	698	499	389	318	269	233	205	184
184	205	233	269	318	388	499	698	499	388	318	269	233	205	184
184	205	233	269	317	388	499	698	499	388	317	269	233	205	184
184	205	233	269	317	388	499	698	499	388	317	269	233	205	184
184	205	233	269	317	388	499	698	499	388	317	269	233	205	184
184	205	233	269	317	388	499	698	499	388	317	269	233	205	184
184	205	233	269	317	388	499	698	499	388	317	269	233	205	184
184	205	233	269	317	388	499	698	499	388	317	269	233	205	184
184	205	233	269	318	388	499	698	499	388	318	269	233	205	184

● F max. = 2500 kN

SN5650-PMO-1200-50°

170	208	268	377	631	738	812	945	812	738	631	377	268	208	170
170	208	268	376	628	986	1105	1259	1105	986	628	376	268	208	170
170	208	268	375	627	1276	1530	1743	1530	1276	627	375	268	208	170
170	208	268	375	627	1403	1849	2204	1849	1403	627	375	268	208	170
170	208	268	375	627	1561	2134	2500	2134	1561	627	375	268	208	170
170	208	268	375	627	1607	2267	2500	2267	1607	627	375	268	208	170
170	208	268	375	627	1386	1851	2500	1851	1386	627	375	268	208	170
170	208	268	376	627	1213	1561	2188	1561	1213	627	376	268	208	170
171	209	268	376	627	916	1128	1396	1128	916	627	376	268	209	171

15 | 8 x 20 | 175

15 x 80

1200

227	254	288	334	396	487	630	894	630	487	396	334	288	254	227
227	254	288	333	396	486	630	894	630	486	396	333	288	254	227
227	254	288	333	395	486	630	894	630	486	395	333	288	254	227
227	254	288	333	395	486	629	894	629	486	395	333	288	254	227
227	254	288	333	395	486	629	894	629	486	395	333	288	254	227
227	254	288	333	395	486	629	894	629	486	395	333	288	254	227
227	254	288	333	395	486	629	894	629	486	395	333	288	254	227
227	254	288	333	395	486	629	894	629	486	395	333	288	254	227
227	254	288	334	396	486	630	894	630	486	396	334	288	254	227

● F max. = 2500 kN

SN5650-PMO-1200-60°

212	259	333	465	603	696	841	1072	841	696	603	465	333	259	212
212	259	332	464	769	1001	1123	1284	1123	1001	769	464	332	259	212
212	259	332	463	767	1321	1577	1809	1577	1321	767	463	332	259	212
212	259	332	463	767	1505	1976	2356	1976	1505	767	463	332	259	212
212	259	332	463	767	1684	2300	2500	2300	1684	767	463	332	259	212
212	259	332	463	767	1742	2455	2500	2455	1742	767	463	332	259	212
212	259	332	463	767	1497	1995	2500	1995	1497	767	463	332	259	212
212	259	332	463	767	1262	1603	2205	1603	1262	767	463	332	259	212
212	259	332	464	768	946	1167	1419	1167	946	768	464	332	259	212

15 | 8 x 20 | 175

15 x 80

1200

299	335	381	441	525	646	840	1072	840	646	525	441	381	335	299
299	335	380	441	523	644	838	1196	838	644	523	441	380	335	299
299	335	380	440	523	644	837	1196	837	644	523	440	380	335	299
299	335	380	440	523	644	837	1196	837	644	523	440	380	335	299
299	335	380	440	523	644	837	1196	837	644	523	440	380	335	299
299	335	380	440	523	644	837	1196	837	644	523	440	380	335	299
299	335	380	440	523	644	837	1196	837	644	523	440	380	335	299
257	332	380	440	523	644	837	1196	837	644	523	440	380	332	257
210	258	335	441	523	644	837	1196	837	644	523	441	335	258	210

● F max. = 2500 kN

THINK TECH STRACK

OBEN HÄNGENDE KOMPAKT-SCHIEBER

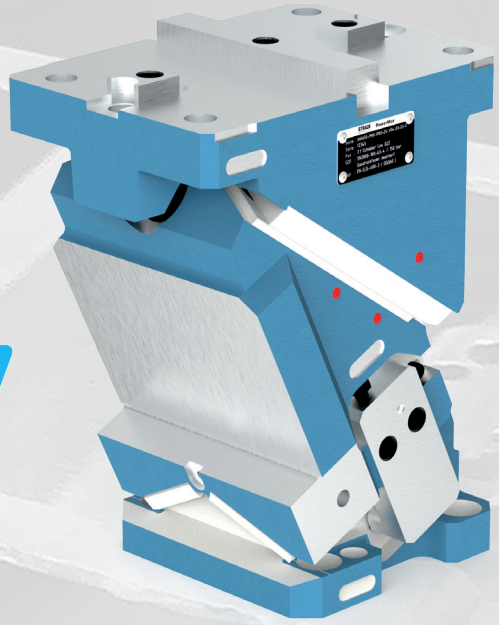
... kleinster Premium-Schieber mit maximaler Power

COMPACT AERIAL CAM

... smallest premium compact cam with maximum power

COULISSEAU SUSPENDU COMPACT

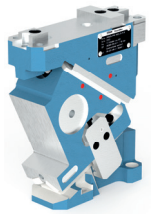
... coulisseau compact le plus petit avec une force maximale



PowerMax® 2.0

the next generation

STRACK® NORMALIEN

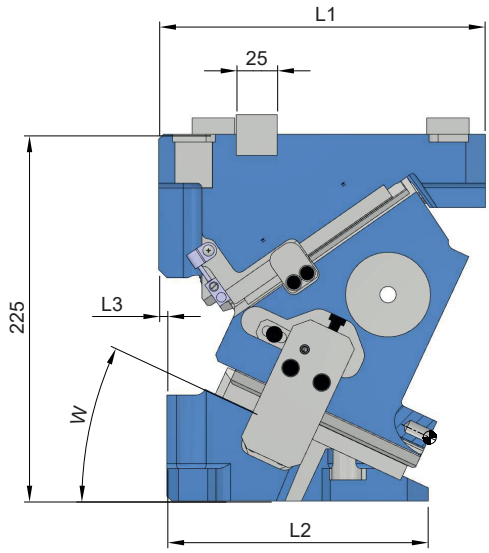


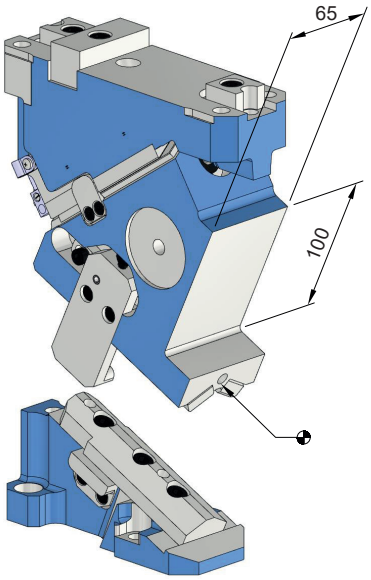
SN5650-PMOK-0065-

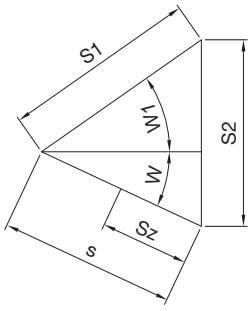
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	65 x 100 mm
Schieberbreite max.	*Cam unit width max.*	65 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 102 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



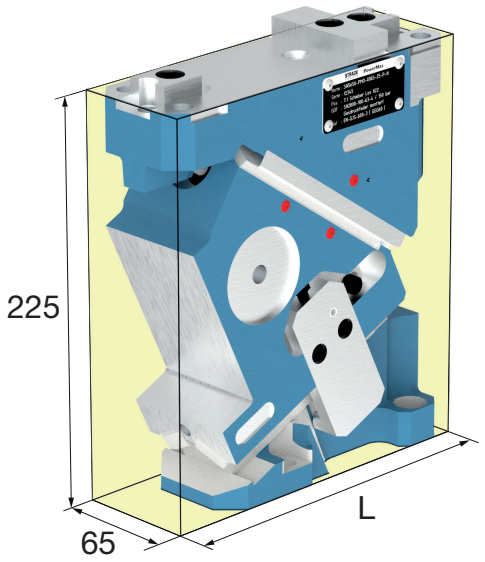
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOK-0065-

Oben hängender Kompakt-Normschieber



E0



E1



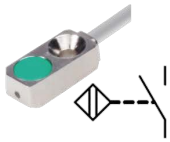
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E0-G0-S0-V04
0°	E0	G0	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E0-G0-S1-V04
0°	E0	G1	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E0-G1-S0-V04
0°	E0	G1	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E0-G1-S1-V04
0°	E1	G0	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E1-G0-S0-V04
0°	E1	G0	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E1-G0-S1-V04
0°	E1	G1	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E1-G1-S0-V04
0°	E1	G1	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOK-0065-00-E1-G1-S1-V04
5°	E0	G0	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E0-G0-S0-V04
5°	E0	G0	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E0-G0-S1-V04
5°	E0	G1	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E0-G1-S0-V04
5°	E0	G1	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E0-G1-S1-V04
5°	E1	G0	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E1-G0-S0-V04
5°	E1	G0	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E1-G0-S1-V04
5°	E1	G1	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E1-G1-S0-V04
5°	E1	G1	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOK-0065-05-E1-G1-S1-V04
10°	E0	G0	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E0-G0-S0-V04
10°	E0	G0	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E0-G0-S1-V04
10°	E0	G1	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E0-G1-S0-V04
10°	E0	G1	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E0-G1-S1-V04
10°	E1	G0	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E1-G0-S0-V04
10°	E1	G0	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E1-G0-S1-V04
10°	E1	G1	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E1-G1-S0-V04
10°	E1	G1	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOK-0065-10-E1-G1-S1-V04
15°	E0	G0	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E0-G0-S0-V04
15°	E0	G0	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E0-G0-S1-V04
15°	E0	G1	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E0-G1-S0-V04
15°	E0	G1	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E0-G1-S1-V04
15°	E1	G0	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E1-G0-S0-V04
15°	E1	G0	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E1-G0-S1-V04

D 1801D 06.2022



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E1-G1-S0-V04
15°	E1	G1	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOK-0065-15-E1-G1-S1-V04
20°	E0	G0	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E0-G0-S0-V04
20°	E0	G0	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E0-G0-S1-V04
20°	E0	G1	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E0-G1-S0-V04
20°	E0	G1	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E0-G1-S1-V04
20°	E1	G0	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E1-G0-S0-V04
20°	E1	G0	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E1-G0-S1-V04
20°	E1	G1	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E1-G1-S0-V04
20°	E1	G1	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOK-0065-20-E1-G1-S1-V04
25°	E0	G0	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E0-G0-S0-V04
25°	E0	G0	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E0-G0-S1-V04
25°	E0	G1	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E0-G1-S0-V04
25°	E0	G1	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E0-G1-S1-V04
25°	E1	G0	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E1-G0-S0-V04
25°	E1	G0	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E1-G0-S1-V04
25°	E1	G1	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E1-G1-S0-V04
25°	E1	G1	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOK-0065-25-E1-G1-S1-V04
30°	E0	G0	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E0-G0-S0-V04
30°	E0	G0	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E0-G0-S1-V04
30°	E0	G1	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E0-G1-S0-V04
30°	E0	G1	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E0-G1-S1-V04
30°	E1	G0	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E1-G0-S0-V04
30°	E1	G0	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E1-G0-S1-V04
30°	E1	G1	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E1-G1-S0-V04
30°	E1	G1	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOK-0065-30-E1-G1-S1-V04
35°	E0	G0	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E0-G0-S0-V04
35°	E0	G0	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E0-G0-S1-V04
35°	E0	G1	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E0-G1-S0-V04
35°	E0	G1	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E0-G1-S1-V04
35°	E1	G0	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E1-G0-S0-V04
35°	E1	G0	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E1-G0-S1-V04
35°	E1	G1	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E1-G1-S0-V04
35°	E1	G1	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOK-0065-35-E1-G1-S1-V04
40°	E0	G0	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E0-G0-S0-V04
40°	E0	G0	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E0-G0-S1-V04
40°	E0	G1	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E0-G1-S0-V04
40°	E0	G1	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E0-G1-S1-V04
40°	E1	G0	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E1-G0-S0-V04
40°	E1	G0	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E1-G0-S1-V04
40°	E1	G1	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E1-G1-S0-V04
40°	E1	G1	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOK-0065-40-E1-G1-S1-V04
45°	E0	G0	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E0-G0-S0-V04
45°	E0	G0	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E0-G0-S1-V04
45°	E0	G1	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E0-G1-S0-V04
45°	E0	G1	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E0-G1-S1-V04
45°	E1	G0	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E1-G0-S0-V04
45°	E1	G0	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E1-G0-S1-V04
45°	E1	G1	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E1-G1-S0-V04
45°	E1	G1	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOK-0065-45-E1-G1-S1-V04
50°	E0	G0	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E0-G0-S0-V04
50°	E0	G0	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E0-G0-S1-V04
50°	E0	G1	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E0-G1-S0-V04
50°	E0	G1	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E0-G1-S1-V04
50°	E1	G0	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E1-G0-S0-V04

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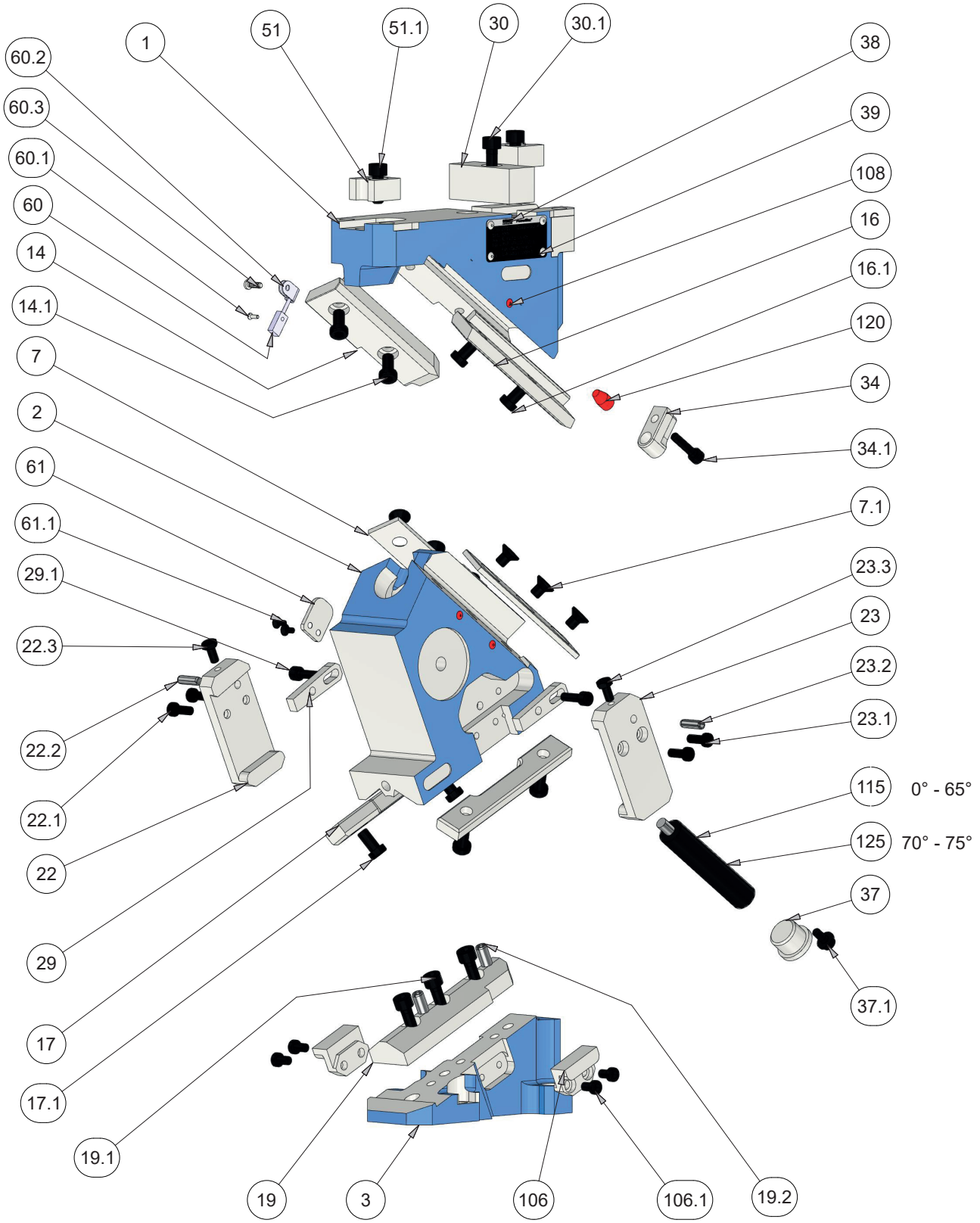
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E1-G0-S1-V04
50°	E1	G1	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E1-G1-S0-V04
50°	E1	G1	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOK-0065-50-E1-G1-S1-V04
55°	E0	G0	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E0-G0-S0-V04
55°	E0	G0	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E0-G0-S1-V04
55°	E0	G1	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E0-G1-S0-V04
55°	E0	G1	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E0-G1-S1-V04
55°	E1	G0	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E1-G0-S0-V04
55°	E1	G0	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E1-G0-S1-V04
55°	E1	G1	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E1-G1-S0-V04
55°	E1	G1	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOK-0065-55-E1-G1-S1-V04
60°	E0	G0	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E0-G0-S0-V04
60°	E0	G0	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E0-G0-S1-V04
60°	E0	G1	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E0-G1-S0-V04
60°	E0	G1	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E0-G1-S1-V04
60°	E1	G0	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E1-G0-S0-V04
60°	E1	G0	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E1-G0-S1-V04
60°	E1	G1	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E1-G1-S0-V04
60°	E1	G1	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOK-0065-60-E1-G1-S1-V04
65°	E0	G0	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E0-G0-S0-V04
65°	E0	G0	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E0-G0-S1-V04
65°	E0	G1	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E0-G1-S0-V04
65°	E0	G1	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E0-G1-S1-V04
65°	E1	G0	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E1-G0-S0-V04
65°	E1	G0	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E1-G0-S1-V04
65°	E1	G1	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E1-G1-S0-V04
65°	E1	G1	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOK-0065-65-E1-G1-S1-V04
70°	E0	G0	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E0-G0-S0-V04
70°	E0	G0	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E0-G0-S1-V04
70°	E0	G1	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E0-G1-S0-V04
70°	E0	G1	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E0-G1-S1-V04
70°	E1	G0	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E1-G0-S0-V04
70°	E1	G0	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E1-G0-S1-V04
70°	E1	G1	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E1-G1-S0-V04
70°	E1	G1	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOK-0065-70-E1-G1-S1-V04
75°	E0	G0	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E0-G0-S0-V04
75°	E0	G0	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E0-G0-S1-V04
75°	E0	G1	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E0-G1-S0-V04
75°	E0	G1	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E0-G1-S1-V04
75°	E1	G0	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E1-G0-S0-V04
75°	E1	G0	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E1-G0-S1-V04
75°	E1	G1	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E1-G1-S0-V04
75°	E1	G1	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOK-0065-75-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMOK-0065-

Bauteile

Components

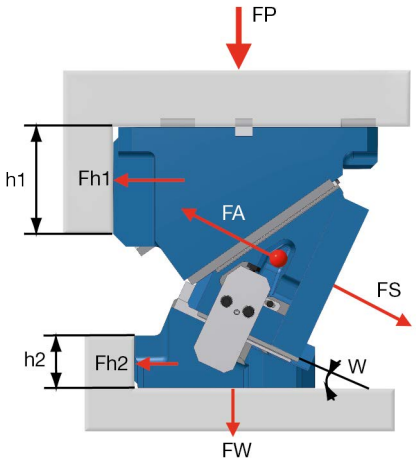


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0065-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	102	96	102	96	0	90	25	16
05°	106	101	98	91	8	83	70	18
10°	110	105	93	86	15	75	115	19
15°	114	109	88	79	21	78	90	18
20°	117	112	84	72	26	80	65	17
25°	120	116	78	65	30	70	73	17
30°	123	119	73	58	33	60	80	18
35°	126	122	68	50	35	55	98	17
40°	129	126	63	43	36	50	115	20
45°	131	128	57	36	35	50	115	18
50°	133	130	52	28	34	50	115	22
55°	136	133	46	22	31	43	115	19
60°	138	136	41	16	28	35	115	22
65°	138	136	35	11	23	35	115	22
70°	139	138	28	7	19	30	120	21
75°	140	139	24	3	13	30	120	21



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

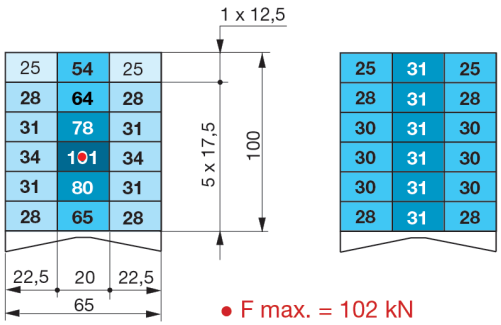
SN5650-PMOK-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

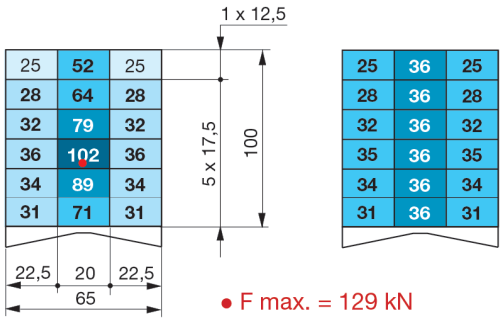
Passfeder
Fitting Key

SN5650-PMOK-0065-0°



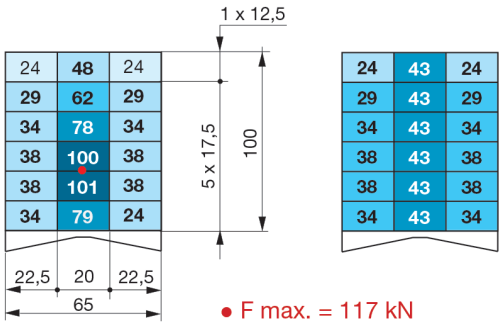
● F max. = 102 kN

SN5650-PMOK-0065-10°



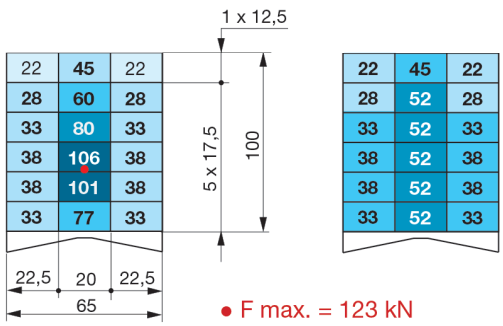
● F max. = 129 kN

SN5650-PMOK-0065-20°



● F max. = 117 kN

SN5650-PMOK-0065-30°



● F max. = 123 kN

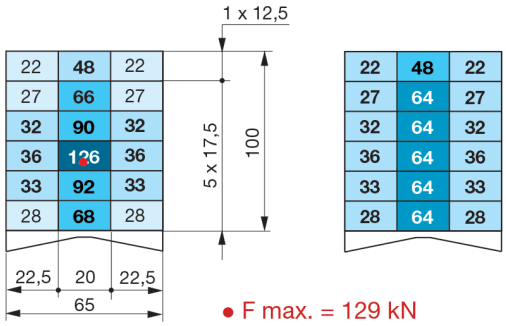
SN5650-PMOK-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

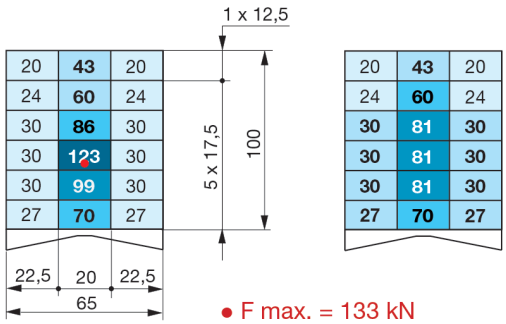
Passfeder
Fitting Key

SN5650-PMOK-0065-40°



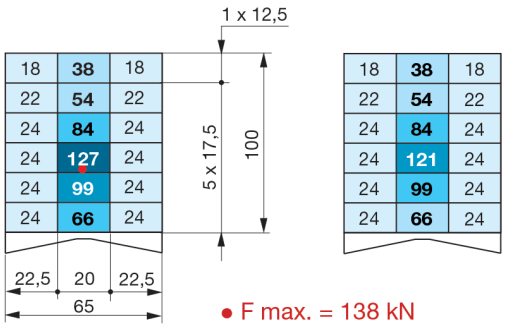
● F max. = 129 kN

SN5650-PMOK-0065-50°



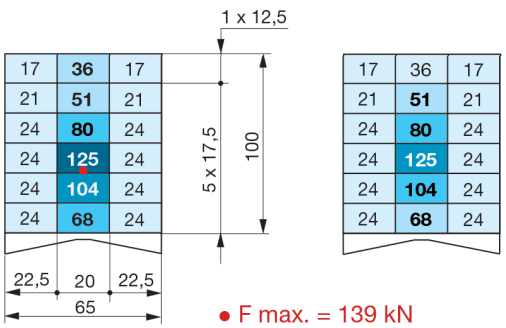
● F max. = 133 kN

SN5650-PMOK-0065-60°

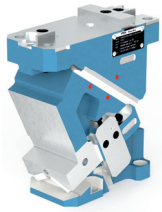


● F max. = 138 kN

SN5650-PMOK-0065-70°



● F max. = 139 kN

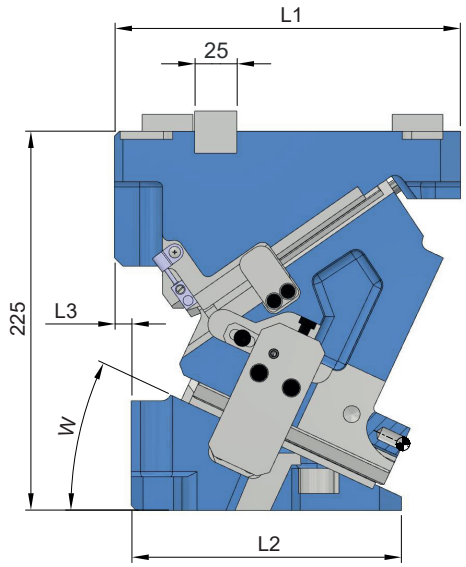


SN5650-PMOK-0090-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	90 x 100 mm
Schieberbreite max.	*Cam unit width max.*	90 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 182 kN



Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

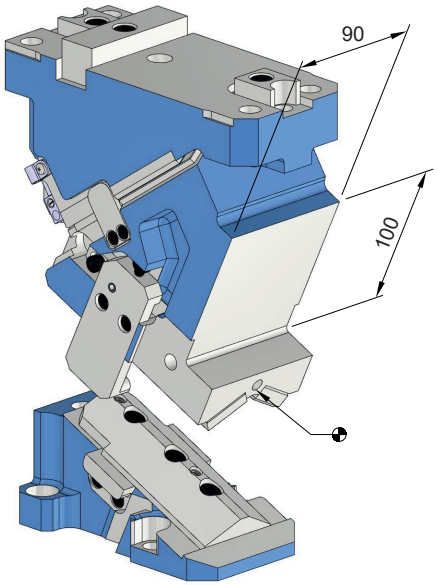
Positionskontrolle:
Control of position:

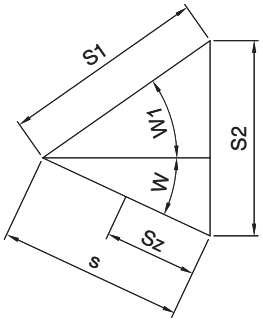


Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended





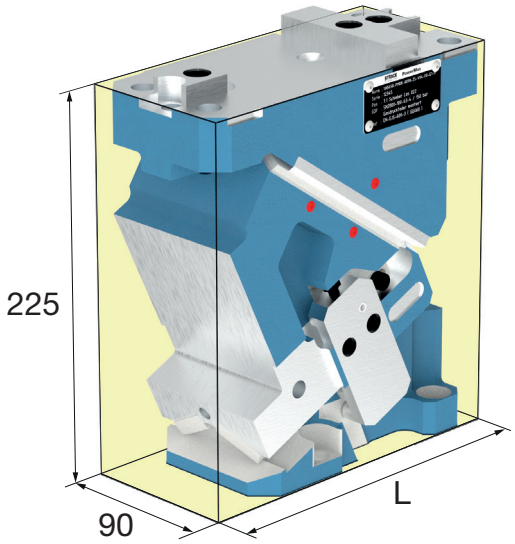
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOK-0090-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit



E0



E1



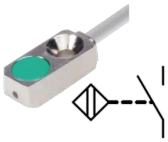
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E0-G0-S0-V04
0°	E0	G0	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E0-G0-S1-V04
0°	E0	G1	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E0-G1-S0-V04
0°	E0	G1	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E0-G1-S1-V04
0°	E1	G0	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E1-G0-S0-V04
0°	E1	G0	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E1-G0-S1-V04
0°	E1	G1	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E1-G1-S0-V04
0°	E1	G1	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOK-0090-00-E1-G1-S1-V04
5°	E0	G0	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E0-G0-S0-V04
5°	E0	G0	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E0-G0-S1-V04
5°	E0	G1	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E0-G1-S0-V04
5°	E0	G1	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E0-G1-S1-V04
5°	E1	G0	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E1-G0-S0-V04
5°	E1	G0	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E1-G0-S1-V04
5°	E1	G1	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E1-G1-S0-V04
5°	E1	G1	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOK-0090-05-E1-G1-S1-V04
10°	E0	G0	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E0-G0-S0-V04
10°	E0	G0	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E0-G0-S1-V04
10°	E0	G1	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E0-G1-S0-V04
10°	E0	G1	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E0-G1-S1-V04
10°	E1	G0	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E1-G0-S0-V04
10°	E1	G0	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E1-G0-S1-V04
10°	E1	G1	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E1-G1-S0-V04
10°	E1	G1	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOK-0090-10-E1-G1-S1-V04
15°	E0	G0	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E0-G0-S0-V04
15°	E0	G0	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E0-G0-S1-V04
15°	E0	G1	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E0-G1-S0-V04
15°	E0	G1	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E0-G1-S1-V04
15°	E1	G0	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E1-G0-S0-V04
15°	E1	G0	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E1-G1-S0-V04
15°	E1	G1	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOK-0090-15-E1-G1-S1-V04
20°	E0	G0	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E0-G0-S0-V04
20°	E0	G0	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E0-G0-S1-V04
20°	E0	G1	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E0-G1-S0-V04
20°	E0	G1	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E0-G1-S1-V04
20°	E1	G0	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E1-G0-S0-V04
20°	E1	G0	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E1-G0-S1-V04
20°	E1	G1	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E1-G1-S0-V04
20°	E1	G1	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOK-0090-20-E1-G1-S1-V04
25°	E0	G0	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E0-G0-S0-V04
25°	E0	G0	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E0-G0-S1-V04
25°	E0	G1	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E0-G1-S0-V04
25°	E0	G1	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E0-G1-S1-V04
25°	E1	G0	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E1-G0-S0-V04
25°	E1	G0	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E1-G0-S1-V04
25°	E1	G1	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E1-G1-S0-V04
25°	E1	G1	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOK-0090-25-E1-G1-S1-V04
30°	E0	G0	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E0-G0-S0-V04
30°	E0	G0	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E0-G0-S1-V04
30°	E0	G1	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E0-G1-S0-V04
30°	E0	G1	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E0-G1-S1-V04
30°	E1	G0	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E1-G0-S0-V04
30°	E1	G0	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E1-G0-S1-V04
30°	E1	G1	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E1-G1-S0-V04
30°	E1	G1	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOK-0090-30-E1-G1-S1-V04
35°	E0	G0	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E0-G0-S0-V04
35°	E0	G0	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E0-G0-S1-V04
35°	E0	G1	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E0-G1-S0-V04
35°	E0	G1	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E0-G1-S1-V04
35°	E1	G0	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E1-G0-S0-V04
35°	E1	G0	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E1-G0-S1-V04
35°	E1	G1	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E1-G1-S0-V04
35°	E1	G1	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOK-0090-35-E1-G1-S1-V04
40°	E0	G0	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E0-G0-S0-V04
40°	E0	G0	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E0-G0-S1-V04
40°	E0	G1	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E0-G1-S0-V04
40°	E0	G1	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E0-G1-S1-V04
40°	E1	G0	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E1-G0-S0-V04
40°	E1	G0	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E1-G0-S1-V04
40°	E1	G1	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E1-G1-S0-V04
40°	E1	G1	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOK-0090-40-E1-G1-S1-V04
45°	E0	G0	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E0-G0-S0-V04
45°	E0	G0	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E0-G0-S1-V04
45°	E0	G1	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E0-G1-S0-V04
45°	E0	G1	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E0-G1-S1-V04
45°	E1	G0	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E1-G0-S0-V04
45°	E1	G0	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E1-G0-S1-V04
45°	E1	G1	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E1-G1-S0-V04
45°	E1	G1	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOK-0090-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E1-G0-S0-V04

D 1801D 06.2022

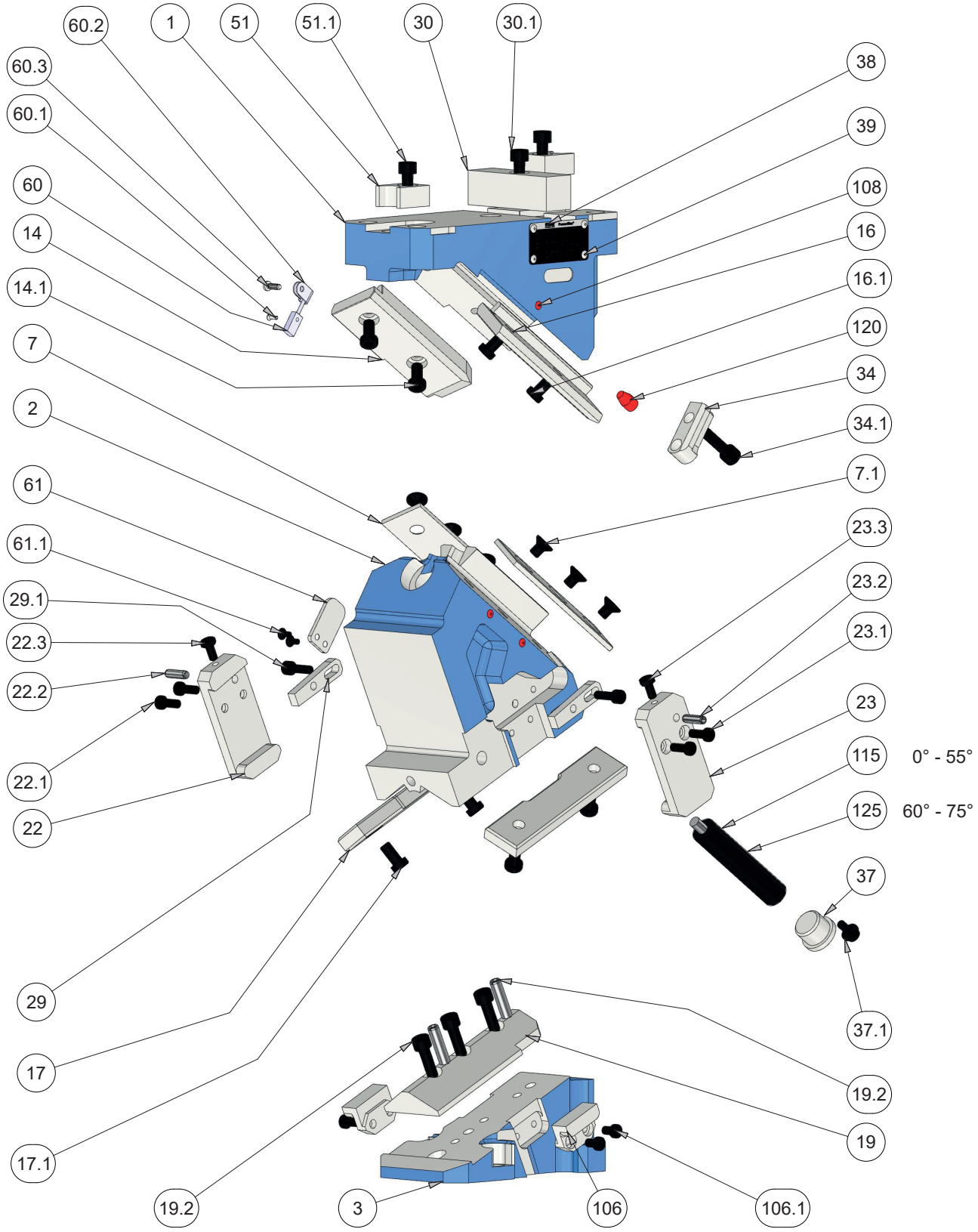


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E1-G0-S1-V04
50°	E1	G1	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOK-0090-50-E1-G1-S1-V04
55°	E0	G0	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOK-0090-55-E1-G1-S1-V04
60°	E0	G0	S0	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E0-G0-S0-V04
60°	E0	G0	S1	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E0-G0-S1-V04
60°	E0	G1	S0	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E0-G1-S0-V04
60°	E0	G1	S1	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E0-G1-S1-V04
60°	E1	G0	S0	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E1-G0-S0-V04
60°	E1	G0	S1	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E1-G0-S1-V04
60°	E1	G1	S0	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E1-G1-S0-V04
60°	E1	G1	S1	235	17	42.1	22	42.9	33.2	205	112	30	SN5650-PMOK-0090-60-E1-G1-S1-V04
65°	E0	G0	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E0-G0-S0-V04
65°	E0	G0	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E0-G0-S1-V04
65°	E0	G1	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E0-G1-S0-V04
65°	E0	G1	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E0-G1-S1-V04
65°	E1	G0	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E1-G0-S0-V04
65°	E1	G0	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E1-G0-S1-V04
65°	E1	G1	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E1-G1-S0-V04
65°	E1	G1	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOK-0090-65-E1-G1-S1-V04
70°	E0	G0	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E0-G0-S0-V04
70°	E0	G0	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E0-G0-S1-V04
70°	E0	G1	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E0-G1-S0-V04
70°	E0	G1	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E0-G1-S1-V04
70°	E1	G0	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E1-G0-S0-V04
70°	E1	G0	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E1-G0-S1-V04
70°	E1	G1	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E1-G1-S0-V04
70°	E1	G1	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOK-0090-70-E1-G1-S1-V04
75°	E0	G0	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E0-G0-S0-V04
75°	E0	G0	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E0-G0-S1-V04
75°	E0	G1	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E0-G1-S0-V04
75°	E0	G1	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E0-G1-S1-V04
75°	E1	G0	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E1-G0-S0-V04
75°	E1	G0	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E1-G0-S1-V04
75°	E1	G1	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E1-G1-S0-V04
75°	E1	G1	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOK-0090-75-E1-G1-S1-V04

SN5650-PMOK-0090-

Bauteile

Components

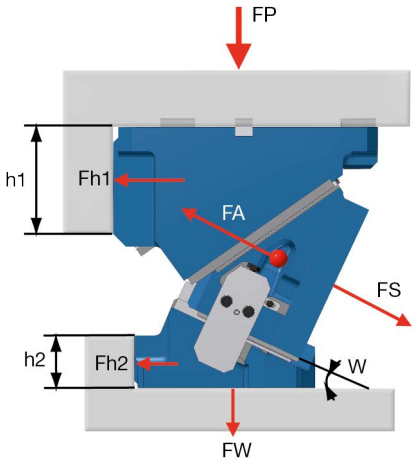


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0090-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	182	171	182	171	0	143	30	15
05°	189	178	174	161	13	109	33	18
10°	196	186	166	152	27	75	35	20
15°	203	193	158	140	37	75	50	22
20°	209	171	150	129	47	75	65	24
25°	215	206	141	115	53	68	73	27
30°	220	212	132	102	59	60	80	29
35°	225	218	122	89	61	58	85	30
40°	230	223	113	76	63	55	90	30
45°	234	228	103	63	62	53	103	30
50°	237	232	93	50	60	50	115	30
55°	240	235	82	39	55	43	113	31
60°	243	239	72	29	49	35	110	31
65°	246	242	64	19	40	35	115	31
70°	248	244	53	12	31	33	115	30
75°	249	246	43	6	22	30	115	28



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

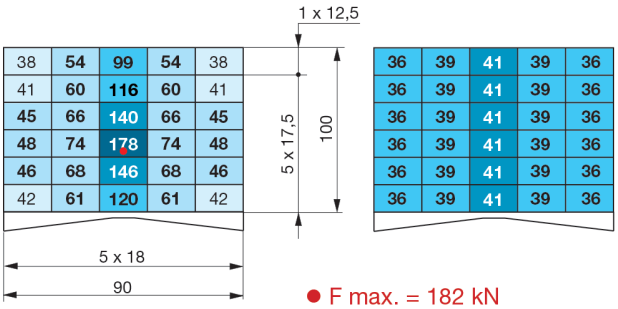
SN5650-PMOK-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

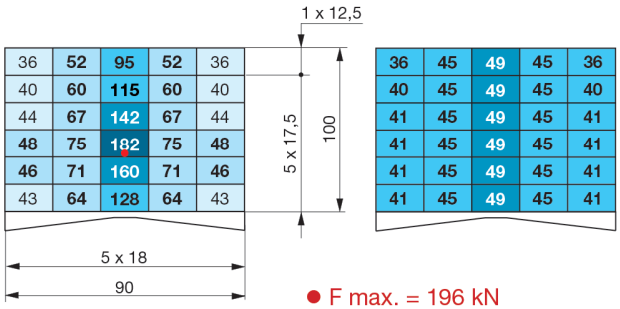
SN5650-PMOK-0090-0°



38	54	99	54	38	36	39	41	39	36
41	60	116	60	41	36	39	41	39	36
45	66	140	66	45	36	39	41	39	36
48	74	178	74	48	36	39	41	39	36
46	68	146	68	46	36	39	41	39	36
42	61	120	61	42	36	39	41	39	36

● F max. = 182 kN

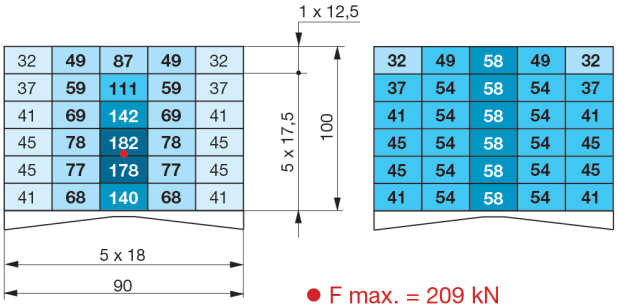
SN5650-PMOK-0090-10°



36	52	95	52	36	36	45	49	45	36
40	60	115	60	40	40	45	49	45	40
44	67	142	67	44	41	45	49	45	41
48	75	182	75	48	41	45	49	45	41
46	71	160	71	46	41	45	49	45	41
43	64	128	64	43	41	45	49	45	41

● F max. = 196 kN

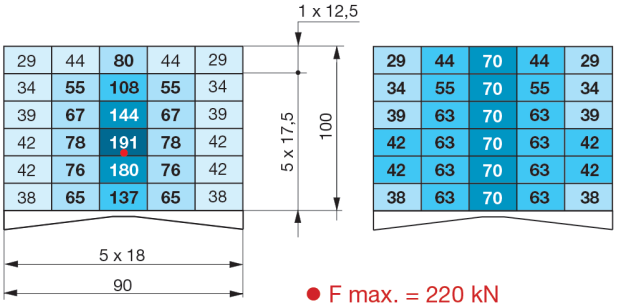
SN5650-PMOK-0090-20°



32	49	87	49	32	32	49	58	49	32
37	59	111	59	37	37	54	58	54	37
41	69	142	69	41	41	54	58	54	41
45	78	182	78	45	45	54	58	54	45
45	77	178	77	45	45	54	58	54	45
41	68	140	68	41	41	54	58	54	41

● F max. = 209 kN

SN5650-PMOK-0090-30°



29	44	80	44	29	29	44	70	44	29
34	55	108	55	34	34	55	70	55	34
39	67	144	67	39	39	63	70	63	39
42	78	191	78	42	42	63	70	63	42
42	76	180	76	42	42	63	70	63	42
38	65	137	65	38	38	63	70	63	38

● F max. = 220 kN

D 1801D 06.2022

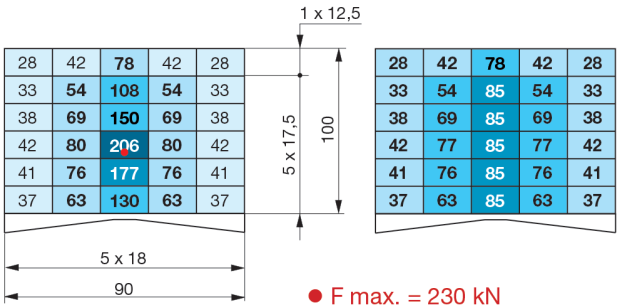
SN5650-PMOK-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0090-40°

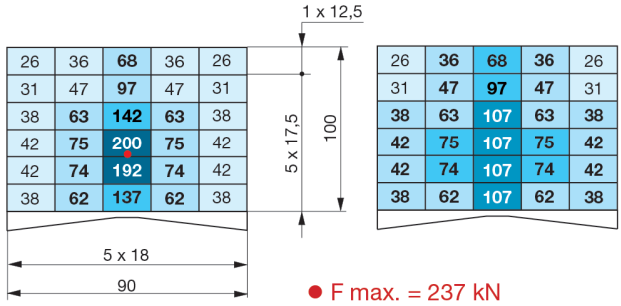


28	42	**78**	42	28
33	**54**	**108**	**54**	33
38	**69**	**150**	**69**	38
42	**80**	**206**	**80**	42
41	**76**	**177**	**76**	41
37	**63**	**130**	**63**	37

28	42	**78**	42	28
33	**54**	**85**	**54**	33
38	**69**	**85**	**69**	38
42	**77**	**85**	**77**	42
41	**76**	**85**	**76**	41
37	**63**	**85**	**63**	37

● F max. = 230 kN

SN5650-PMOK-0090-50°

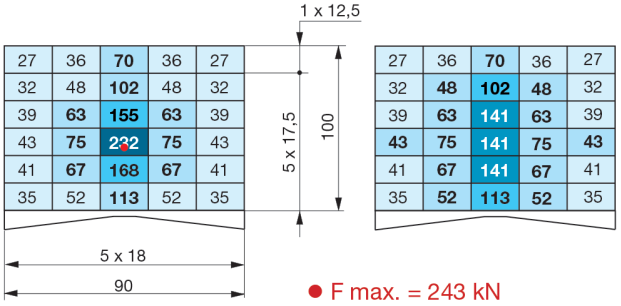


26	36	**68**	36	26
31	47	**97**	47	31
38	**63**	**142**	**63**	38
42	**75**	**200**	**75**	42
42	**74**	**192**	**74**	42
38	**62**	**137**	**62**	38

26	**36**	**68**	**36**	26
31	**47**	**97**	**47**	31
38	**63**	**107**	**63**	38
42	**75**	**107**	**75**	42
42	**74**	**107**	**74**	42
38	**62**	**107**	**62**	38

● F max. = 237 kN

SN5650-PMOK-0090-60°

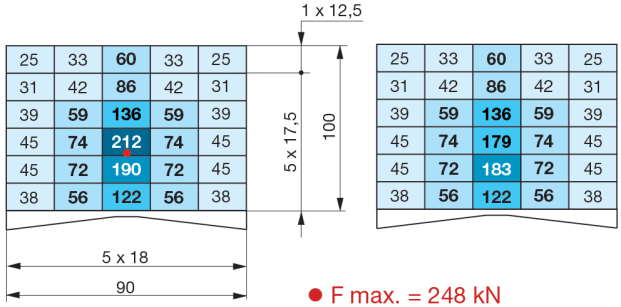


27	36	**70**	36	27
32	48	**102**	48	32
39	**63**	**155**	**63**	39
43	**75**	**232**	**75**	43
41	**67**	**168**	**67**	41
35	52	**113**	52	35

27	36	**70**	36	27
32	**48**	**102**	**48**	32
39	**63**	**141**	**63**	39
43	**75**	**141**	**75**	**43**
41	**67**	**141**	**67**	41
35	**52**	**113**	**52**	35

● F max. = 243 kN

SN5650-PMOK-0090-70°



25	33	**60**	33	25
31	42	**86**	42	31
39	**59**	**136**	**59**	39
45	**74**	**212**	**74**	45
45	**72**	**190**	**72**	45
38	**56**	**122**	**56**	38

25	33	**60**	33	25
31	42	**86**	42	31
39	**59**	**136**	**59**	39
45	**74**	**179**	**74**	45
45	**72**	**183**	**72**	45
38	**56**	**122**	**56**	38

● F max. = 248 kN

D 1801D 06.2022

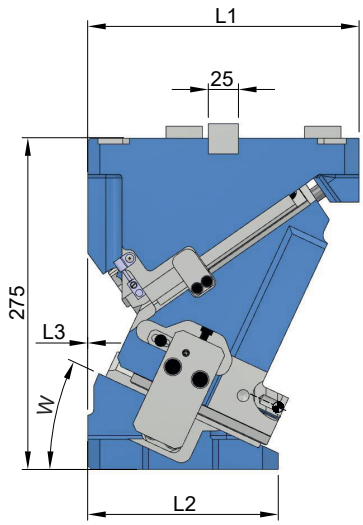


SN5650-PMOK-0125-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	125 x 130 mm
Schieberbreite max.	*Cam unit width max.*	125 mm
Einbauhöhe	*Installation height*	275 mm
Schieberkraft	*Cam force*	> 244 kN



Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

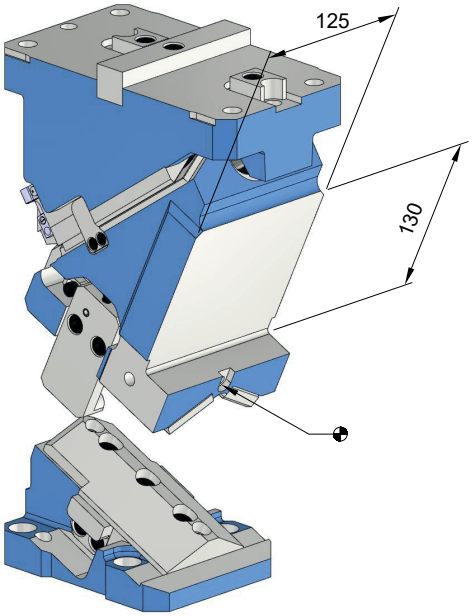
Positionskontrolle:
Control of position:

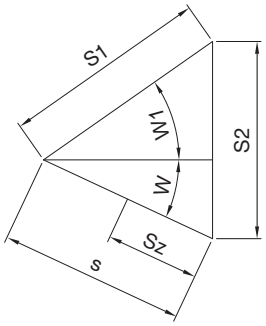


Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended





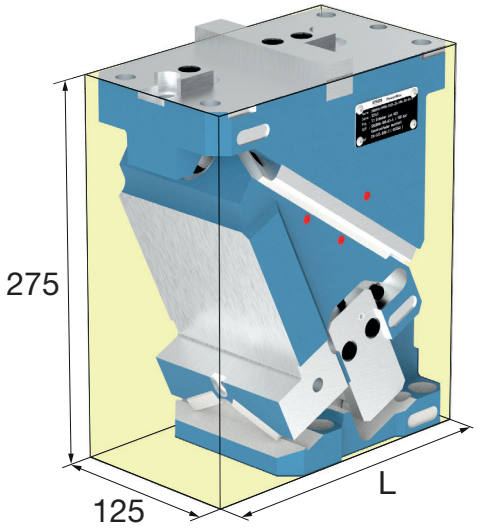
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOK-0125-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit



E0



E1



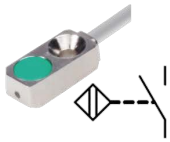
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E0-G0-S0-V04
0°	E0	G0	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E0-G0-S1-V04
0°	E0	G1	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E0-G1-S0-V04
0°	E0	G1	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E0-G1-S1-V04
0°	E1	G0	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E1-G0-S0-V04
0°	E1	G0	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E1-G0-S1-V04
0°	E1	G1	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E1-G1-S0-V04
0°	E1	G1	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOK-0125-00-E1-G1-S1-V04
5°	E0	G0	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E0-G0-S0-V04
5°	E0	G0	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E0-G0-S1-V04
5°	E0	G1	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E0-G1-S0-V04
5°	E0	G1	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E0-G1-S1-V04
5°	E1	G0	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E1-G0-S0-V04
5°	E1	G0	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E1-G0-S1-V04
5°	E1	G1	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E1-G1-S0-V04
5°	E1	G1	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOK-0125-05-E1-G1-S1-V04
10°	E0	G0	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E0-G0-S0-V04
10°	E0	G0	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E0-G0-S1-V04
10°	E0	G1	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E0-G1-S0-V04
10°	E0	G1	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E0-G1-S1-V04
10°	E1	G0	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E1-G0-S0-V04
10°	E1	G0	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E1-G0-S1-V04
10°	E1	G1	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E1-G1-S0-V04
10°	E1	G1	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOK-0125-10-E1-G1-S1-V04
15°	E0	G0	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E0-G0-S0-V04
15°	E0	G0	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E0-G0-S1-V04
15°	E0	G1	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E0-G1-S0-V04
15°	E0	G1	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E0-G1-S1-V04
15°	E1	G0	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E1-G0-S0-V04
15°	E1	G0	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E1-G0-S1-V04
15°	E1	G1	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOK-0125-15-E1-G1-S1-V04
20°	E0	G0	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E0-G0-S0-V04
20°	E0	G0	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E0-G0-S1-V04
20°	E0	G1	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E0-G1-S0-V04
20°	E0	G1	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E0-G1-S1-V04
20°	E1	G0	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E1-G0-S0-V04
20°	E1	G0	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E1-G0-S1-V04
20°	E1	G1	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E1-G1-S0-V04
20°	E1	G1	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOK-0125-20-E1-G1-S1-V04
25°	E0	G0	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E0-G0-S0-V04
25°	E0	G0	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E0-G0-S1-V04
25°	E0	G1	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E0-G1-S0-V04
25°	E0	G1	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E0-G1-S1-V04
25°	E1	G0	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E1-G0-S0-V04
25°	E1	G0	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E1-G0-S1-V04
25°	E1	G1	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E1-G1-S0-V04
25°	E1	G1	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOK-0125-25-E1-G1-S1-V04
30°	E0	G0	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E0-G0-S0-V04
30°	E0	G0	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E0-G0-S1-V04
30°	E0	G1	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E0-G1-S0-V04
30°	E0	G1	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E0-G1-S1-V04
30°	E1	G0	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E1-G0-S0-V04
30°	E1	G0	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E1-G0-S1-V04
30°	E1	G1	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E1-G1-S0-V04
30°	E1	G1	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOK-0125-30-E1-G1-S1-V04
35°	E0	G0	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E0-G0-S0-V04
35°	E0	G0	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E0-G0-S1-V04
35°	E0	G1	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E0-G1-S0-V04
35°	E0	G1	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E0-G1-S1-V04
35°	E1	G0	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E1-G0-S0-V04
35°	E1	G0	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E1-G0-S1-V04
35°	E1	G1	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E1-G1-S0-V04
35°	E1	G1	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOK-0125-35-E1-G1-S1-V04
40°	E0	G0	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E0-G0-S0-V04
40°	E0	G0	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E0-G0-S1-V04
40°	E0	G1	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E0-G1-S0-V04
40°	E0	G1	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E0-G1-S1-V04
40°	E1	G0	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E1-G0-S0-V04
40°	E1	G0	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E1-G0-S1-V04
40°	E1	G1	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E1-G1-S0-V04
40°	E1	G1	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOK-0125-40-E1-G1-S1-V04
45°	E0	G0	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E0-G0-S0-V04
45°	E0	G0	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E0-G0-S1-V04
45°	E0	G1	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E0-G1-S0-V04
45°	E0	G1	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E0-G1-S1-V04
45°	E1	G0	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E1-G0-S0-V04
45°	E1	G0	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E1-G0-S1-V04
45°	E1	G1	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E1-G1-S0-V04
45°	E1	G1	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOK-0125-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E1-G0-S1-V04

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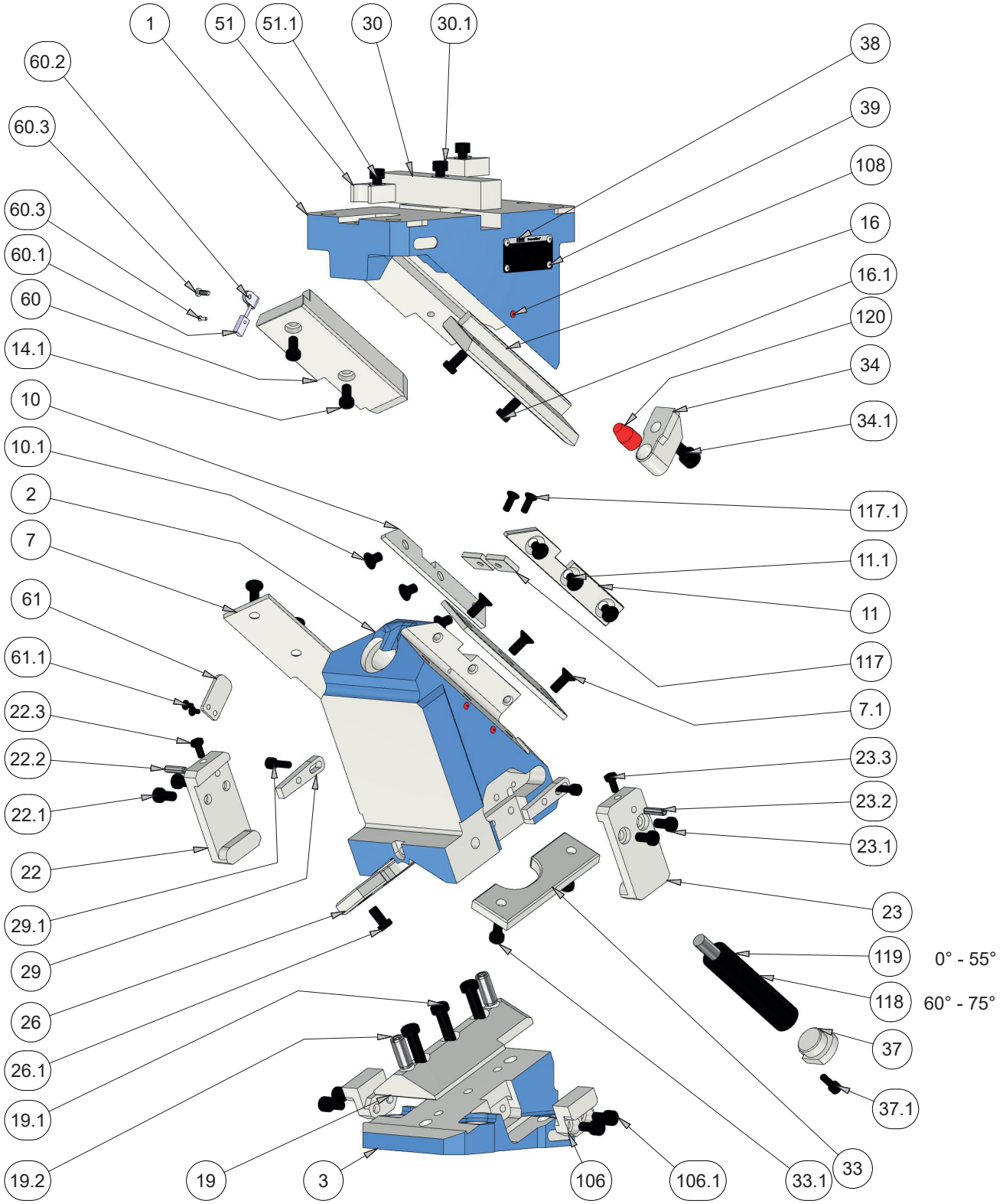


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOK-0125-50-E1-G1-S1-V04
55°	E0	G0	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOK-0125-55-E1-G1-S1-V04
60°	E0	G0	S0	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E0-G0-S0-V04
60°	E0	G0	S1	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E0-G0-S1-V04
60°	E0	G1	S0	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E0-G1-S0-V04
60°	E0	G1	S1	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E0-G1-S1-V04
60°	E1	G0	S0	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E1-G0-S0-V04
60°	E1	G0	S1	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E1-G0-S1-V04
60°	E1	G1	S0	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E1-G1-S0-V04
60°	E1	G1	S1	250	17	42.1	22	42.9	32	250	90	5	SN5650-PMOK-0125-60-E1-G1-S1-V04
65°	E0	G0	S0	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E0-G0-S0-V04
65°	E0	G0	S1	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E0-G0-S1-V04
65°	E0	G1	S0	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E0-G1-S0-V04
65°	E0	G1	S1	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E0-G1-S1-V04
65°	E1	G0	S0	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E1-G0-S0-V04
65°	E1	G0	S1	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E1-G0-S1-V04
65°	E1	G1	S0	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E1-G1-S0-V04
65°	E1	G1	S1	250	15	50.3	22	51.3	32	250	88,619	5	SN5650-PMOK-0125-65-E1-G1-S1-V04
70°	E0	G0	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E0-G0-S0-V04
70°	E0	G0	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E0-G0-S1-V04
70°	E0	G1	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E0-G1-S0-V04
70°	E0	G1	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E0-G1-S1-V04
70°	E1	G0	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E1-G0-S0-V04
70°	E1	G0	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E1-G0-S1-V04
70°	E1	G1	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E1-G1-S0-V04
70°	E1	G1	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOK-0125-70-E1-G1-S1-V04
75°	E0	G0	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E0-G0-S0-V04
75°	E0	G0	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E0-G0-S1-V04
75°	E0	G1	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E0-G1-S0-V04
75°	E0	G1	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E0-G1-S1-V04
75°	E1	G0	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E1-G0-S0-V04
75°	E1	G0	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E1-G0-S1-V04
75°	E1	G1	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E1-G1-S0-V04
75°	E1	G1	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOK-0125-75-E1-G1-S1-V04

SN5650-PMOK-0125-

Bauteile

Components



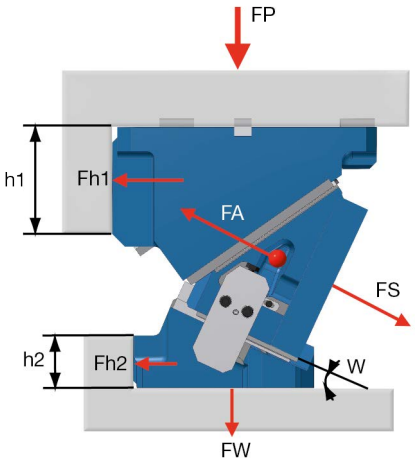
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

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SN5650-PMOK-0125-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	244	230	244	230	0	140	35	14
05°	249	236	229	214	17	130	45	17
10°	253	241	214	197	35	120	55	20
15°	256	245	199	178	46	108	53	23
20°	258	230	184	160	58	95	50	26
25°	265	255	173	143	66	85	53	25
30°	272	263	162	127	73	75	55	24
35°	283	274	153	112	77	78	63	25
40°	294	286	144	97	81	80	70	26
45°	299	292	131	81	79	75	73	26
50°	304	297	119	65	77	70	75	25
55°	303	297	104	50	69	68	78	27
60°	301	296	89	35	61	65	80	21
65°	285	281	72	24	49	58	83	29
70°	268	265	55	13	37	50	85	30
75°	291	288	50	7	26	50	85	29



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

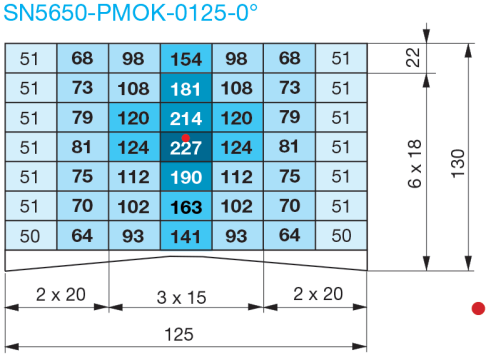
SN5650-PMOK-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

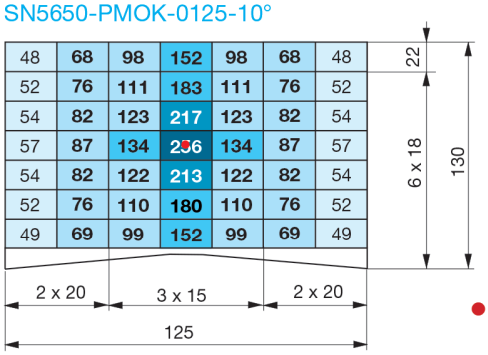
SN5650-PMOK-0125-0°



● F max. = 244 kN

44	50	57	57	57	50	44
44	50	57	65	57	50	44
44	50	57	65	57	50	44
44	50	57	65	57	50	44
44	50	57	65	57	50	44
44	50	57	65	57	50	44
44	50	57	65	57	50	44

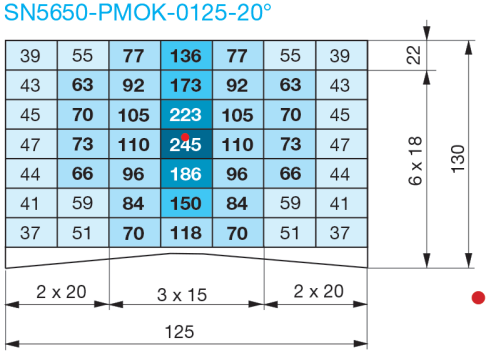
SN5650-PMOK-0125-10°



● F max. = 253 kN

46	58	67	67	67	58	46
46	58	67	77	67	58	46
46	58	67	77	67	58	46
46	58	67	77	67	58	46
46	58	67	77	67	58	46
46	58	67	77	67	58	46
46	58	67	77	67	58	46

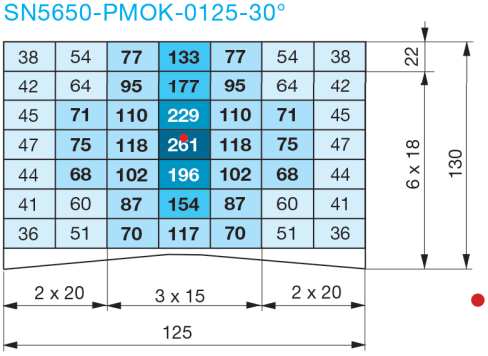
SN5650-PMOK-0125-20°



● F max. = 258 kN

39	55	75	75	75	55	39
43	61	75	91	75	61	43
45	61	75	91	75	61	45
46	61	75	91	75	61	46
44	61	75	91	75	61	44
41	59	75	91	75	59	41
37	51	70	91	70	51	37

SN5650-PMOK-0125-30°



● F max. = 272 kN

38	54	77	77	77	54	38
42	64	87	110	87	64	42
45	68	87	110	87	68	45
47	68	87	110	87	68	47
44	68	87	110	87	68	44
41	60	87	110	87	60	41
36	51	70	110	70	51	36

D 1801D 06.2022

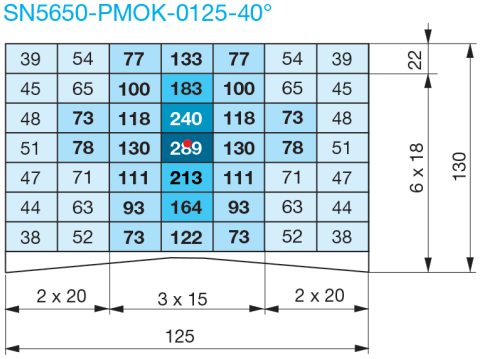
SN5650-PMOK-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0125-40°

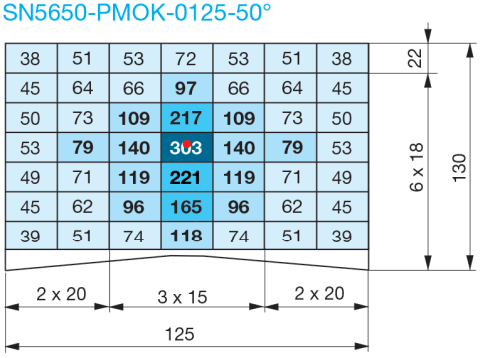


39	54	**77**	**133**	**77**	54	39
45	65	**100**	**183**	**100**	65	45
48	**73**	**118**	**240**	**118**	**73**	48
51	**78**	**130**	**289**	**130**	**78**	51
47	71	**111**	**213**	**111**	71	47
44	63	**93**	**164**	**93**	63	44
38	52	**73**	**122**	**73**	52	38

39	**54**	**77**	**77**	**77**	**54**	39
45	**65**	**100**	**134**	**100**	**65**	**45**
48	**73**	**112**	**134**	**112**	**73**	**48**
51	**78**	**112**	**134**	**112**	**78**	**51**
47	**71**	**111**	**134**	**111**	**71**	**47**
44	**63**	**93**	**134**	**93**	**63**	**44**
38	**52**	**73**	**122**	**73**	**52**	38

● F max. = 294 kN

SN5650-PMOK-0125-50°

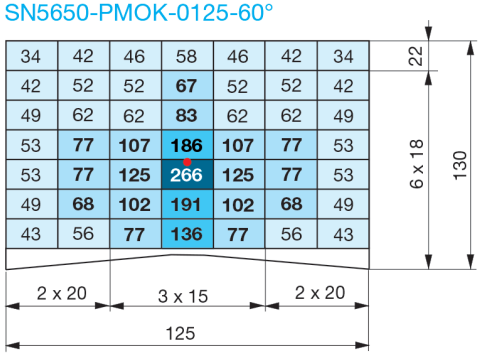


38	51	53	72	53	51	38
45	64	66	**97**	66	64	45
50	73	**109**	**217**	**109**	73	50
53	**79**	**140**	**303**	**140**	**79**	53
49	71	**119**	**221**	**119**	71	49
45	62	**96**	**165**	**96**	62	45
39	51	74	**118**	74	51	39

38	**51**	**53**	**53**	**53**	**51**	38
45	**64**	**66**	**97**	**66**	**64**	45
50	**73**	**109**	**169**	**109**	**73**	50
53	**79**	**139**	**169**	**139**	**79**	**53**
49	**71**	**119**	**169**	**119**	**71**	49
45	**62**	**96**	**165**	**96**	**62**	45
39	**51**	**74**	**118**	**74**	**51**	39

● F max. = 304 kN

SN5650-PMOK-0125-60°

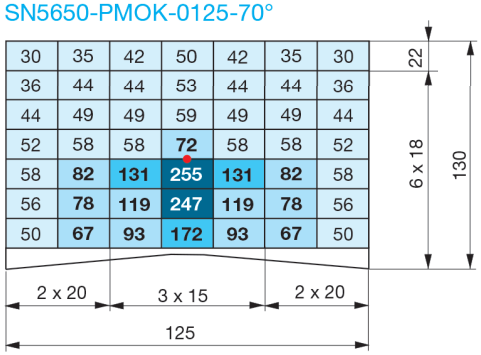


34	42	46	58	46	42	34
42	52	52	**67**	52	52	42
49	62	62	**83**	62	62	49
53	**77**	**107**	**186**	**107**	**77**	53
53	**77**	**125**	**266**	**125**	**77**	53
49	**68**	**102**	**191**	**102**	**68**	49
43	56	**77**	**136**	**77**	56	43

34	42	46	46	46	42	34
42	52	52	**67**	52	52	42
49	62	62	**83**	62	62	49
53	**77**	**107**	**186**	**107**	**77**	53
53	**77**	**125**	**222**	**125**	**77**	53
49	**68**	**102**	**191**	**102**	**68**	49
43	56	**77**	**136**	**77**	56	43

● F max. = 301 kN

SN5650-PMOK-0125-70°

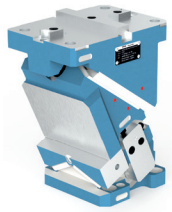


30	35	42	50	42	35	30
36	44	44	53	44	44	36
44	49	49	59	49	49	44
52	58	58	**72**	58	58	52
58	**82**	**131**	**255**	**131**	**82**	58
56	**78**	**119**	**247**	**119**	**78**	56
50	**67**	**93**	**172**	**93**	**67**	50

30	35	42	42	42	35	30
36	44	44	53	44	44	36
44	49	49	**59**	49	49	44
52	58	58	72	58	58	52
58	**82**	**131**	**255**	**131**	**82**	58
56	**78**	**119**	**247**	**119**	**78**	56
50	67	**93**	**172**	**93**	67	50

● F max. = 268 kN

D 1801D 06.2022

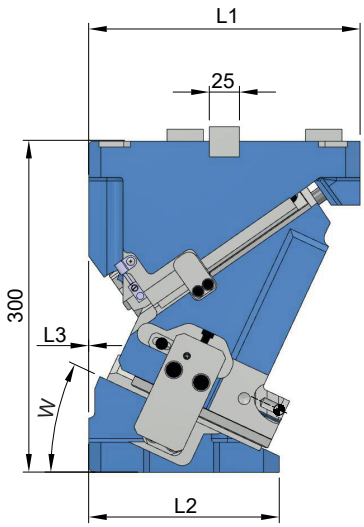


SN5650-PMOK-0165-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	165 x 130 mm
Schieberbreite max.	*Cam unit width max.*	165 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 379 kN



Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

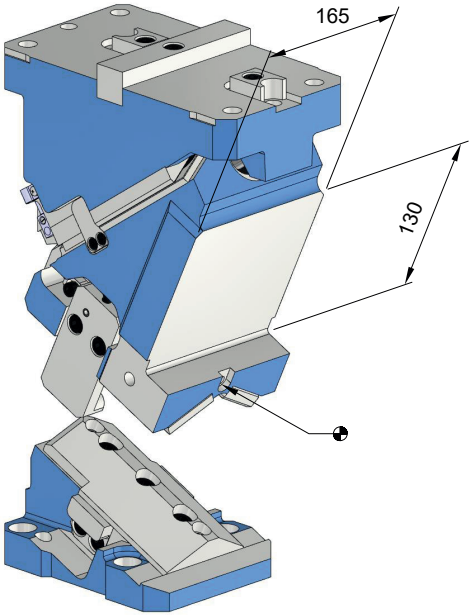
Positionskontrolle:
Control of position:

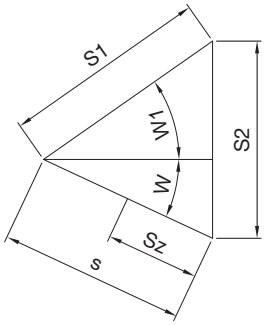


Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended



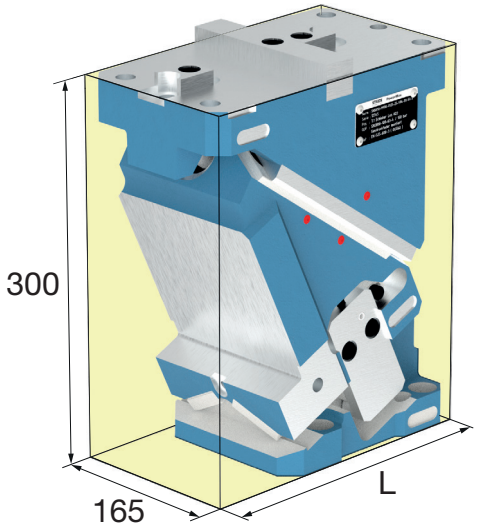


Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOK-0165-

Oben hängender Kompakt-Normschieber



E0



E1



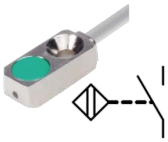
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E0-G0-S0-V04
0°	E0	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E0-G0-S1-V04
0°	E0	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E0-G1-S0-V04
0°	E0	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E0-G1-S1-V04
0°	E1	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E1-G0-S0-V04
0°	E1	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E1-G0-S1-V04
0°	E1	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E1-G1-S0-V04
0°	E1	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0165-00-E1-G1-S1-V04
5°	E0	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E0-G0-S0-V04
5°	E0	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E0-G0-S1-V04
5°	E0	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E0-G1-S0-V04
5°	E0	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E0-G1-S1-V04
5°	E1	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E1-G0-S0-V04
5°	E1	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E1-G0-S1-V04
5°	E1	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E1-G1-S0-V04
5°	E1	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0165-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0165-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0165-15-E1-G1-S1-V04
20°	E0	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E0-G0-S0-V04
20°	E0	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E0-G0-S1-V04
20°	E0	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E0-G1-S0-V04
20°	E0	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E0-G1-S1-V04
20°	E1	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E1-G0-S0-V04
20°	E1	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E1-G0-S1-V04
20°	E1	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E1-G1-S0-V04
20°	E1	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0165-20-E1-G1-S1-V04
25°	E0	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E0-G0-S0-V04
25°	E0	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E0-G0-S1-V04
25°	E0	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E0-G1-S0-V04
25°	E0	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E0-G1-S1-V04
25°	E1	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E1-G0-S0-V04
25°	E1	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E1-G0-S1-V04
25°	E1	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E1-G1-S0-V04
25°	E1	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0165-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0165-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0165-35-E1-G1-S1-V04
40°	E0	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E0-G0-S0-V04
40°	E0	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E0-G0-S1-V04
40°	E0	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E0-G1-S0-V04
40°	E0	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E0-G1-S1-V04
40°	E1	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E1-G0-S0-V04
40°	E1	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E1-G0-S1-V04
40°	E1	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E1-G1-S0-V04
40°	E1	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0165-40-E1-G1-S1-V04
45°	E0	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E0-G0-S0-V04
45°	E0	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E0-G0-S1-V04
45°	E0	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E0-G1-S0-V04
45°	E0	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E0-G1-S1-V04
45°	E1	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E1-G0-S0-V04
45°	E1	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E1-G0-S1-V04
45°	E1	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E1-G1-S0-V04
45°	E1	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0165-45-E1-G1-S1-V04
50°	E0	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E0-G0-S0-V04
50°	E0	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E0-G0-S1-V04
50°	E0	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E0-G1-S0-V04
50°	E0	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E0-G1-S1-V04
50°	E1	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E1-G0-S0-V04
50°	E1	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E1-G0-S1-V04

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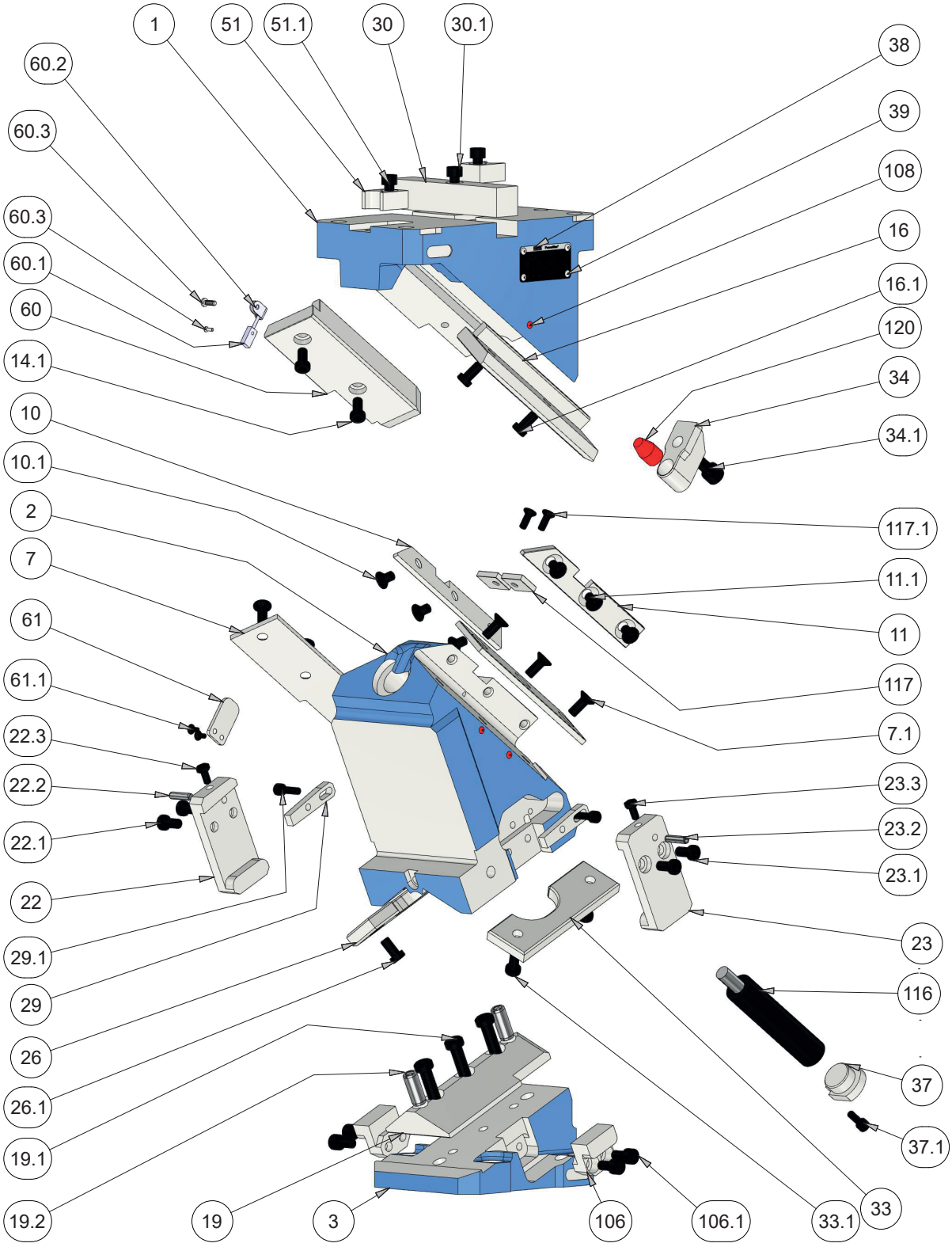


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E1-G1-S0-V04
50°	E1	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0165-50-E1-G1-S1-V04
55°	E0	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E0-G0-S0-V04
55°	E0	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E0-G0-S1-V04
55°	E0	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E0-G1-S0-V04
55°	E0	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E0-G1-S1-V04
55°	E1	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E1-G0-S0-V04
55°	E1	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E1-G0-S1-V04
55°	E1	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E1-G1-S0-V04
55°	E1	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0165-55-E1-G1-S1-V04
60°	E0	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E0-G0-S0-V04
60°	E0	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E0-G0-S1-V04
60°	E0	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E0-G1-S0-V04
60°	E0	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E0-G1-S1-V04
60°	E1	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E1-G0-S0-V04
60°	E1	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E1-G0-S1-V04
60°	E1	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E1-G1-S0-V04
60°	E1	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0165-60-E1-G1-S1-V04
65°	E0	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E0-G0-S0-V04
65°	E0	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E0-G0-S1-V04
65°	E0	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E0-G1-S0-V04
65°	E0	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E0-G1-S1-V04
65°	E1	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E1-G0-S0-V04
65°	E1	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E1-G0-S1-V04
65°	E1	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E1-G1-S0-V04
65°	E1	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0165-65-E1-G1-S1-V04
70°	E0	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E0-G0-S0-V04
70°	E0	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E0-G0-S1-V04
70°	E0	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E0-G1-S0-V04
70°	E0	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E0-G1-S1-V04
70°	E1	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E1-G0-S0-V04
70°	E1	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E1-G0-S1-V04
70°	E1	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E1-G1-S0-V04
70°	E1	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0165-70-E1-G1-S1-V04
75°	E0	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E0-G0-S0-V04
75°	E0	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E0-G0-S1-V04
75°	E0	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E0-G1-S0-V04
75°	E0	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E0-G1-S1-V04
75°	E1	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E1-G0-S0-V04
75°	E1	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E1-G0-S1-V04
75°	E1	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E1-G1-S0-V04
75°	E1	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0165-75-E1-G1-S1-V04

SN5650-PMOK-0165-

Bauteile

Components

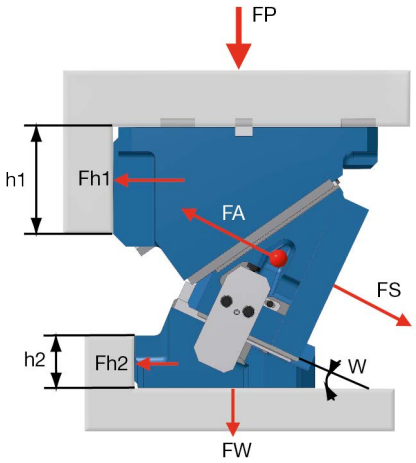


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0165-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	379	356	379	356	0	110	40	17
05°	394	372	363	337	28	105	50	22
10°	409	388	347	317	56	100	60	26
15°	414	394	323	287	75	103	55	34
20°	418	400	299	257	94	105	50	41
25°	429	412	281	231	106	108	50	47
30°	440	424	263	204	118	110	50	52
35°	458	443	248	180	124	98	55	52
40°	476	462	234	156	131	85	60	52
45°	484	471	213	130	127	83	73	53
50°	492	481	193	104	124	80	85	54
55°	498	488	171	81	113	70	83	55
60°	504	495	150	59	102	60	80	55
65°	509	501	128	42	85	63	95	55
70°	513	507	107	25	69	65	110	54
75°	514	508	88	12	45	65	110	54



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOK-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0165-0°

59	85	115	161	244	161	115	85	59
62	90	123	176	278	176	123	90	62
64	94	130	191	319	191	130	94	64
66	99	139	210	375	210	139	99	66
64	96	133	198	337	198	133	96	64
62	92	126	182	292	182	126	92	62
61	88	119	168	258	168	119	88	61
58	82	110	153	225	153	110	82	58

4 x 16,5 | 4 x 16 | 130

3 x 20 | 3 x 15 | 3 x 20 | 165

● F max. = 379 kN

43	43	52	61	68	61	52	43	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43

SN5650-PMOK-0165-10°

57	79	114	161	238	161	114	79	57
60	84	125	179	280	179	125	84	60
62	88	134	196	323	196	134	88	62
64	92	143	216	380	216	143	92	64
64	93	144	216	380	216	144	93	64
62	89	135	197	324	197	135	89	62
60	85	126	181	282	181	126	85	60
58	80	116	163	242	163	116	80	58

4 x 16,5 | 4 x 16 | 130

3 x 20 | 3 x 15 | 3 x 20 | 165

● F max. = 409 kN

45	45	55	70	79	70	55	45	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45

SN5650-PMOK-0165-20°

51	67	96	141	238	141	96	67	51
54	73	107	159	290	159	107	73	54
56	77	117	179	364	179	117	77	56
57	78	120	184	383	184	120	78	57
54	74	109	164	303	164	109	74	54
52	69	100	146	250	146	100	69	52
48	63	88	126	204	126	88	63	48
44	56	75	104	159	104	75	56	44

4 x 16,5 | 4 x 16 | 130

3 x 20 | 3 x 15 | 3 x 20 | 165

● F max. = 418 kN

46	46	57	72	88	72	57	46	46
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
44	57	72	88	109	88	72	57	44
41	51	72	88	109	88	72	51	41

SN5650-PMOK-0165-30°

47	59	82	118	185	118	82	59	47
52	68	98	144	241	144	98	68	52
55	74	111	167	302	167	111	74	55
58	78	121	190	383	190	121	78	58
58	80	124	195	400	195	124	80	58
56	75	113	172	315	172	113	75	56
53	70	102	151	255	151	102	70	53
49	63	87	126	200	126	87	63	49

4 x 16,5 | 4 x 16 | 130

3 x 20 | 3 x 15 | 3 x 20 | 165

● F max. = 440 kN

41	41	51	66	94	66	51	41	41
46	58	79	105	131	105	79	58	46
49	63	81	104	131	104	81	63	49
51	63	81	104	131	104	81	63	51
52	63	81	104	131	104	81	63	52
52	63	81	104	131	104	81	63	52
50	63	81	104	131	104	81	63	50
47	60	81	104	131	104	81	60	47

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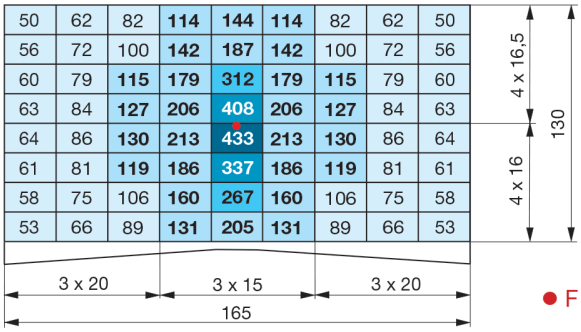
SN5650-PMOK-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0165-40°

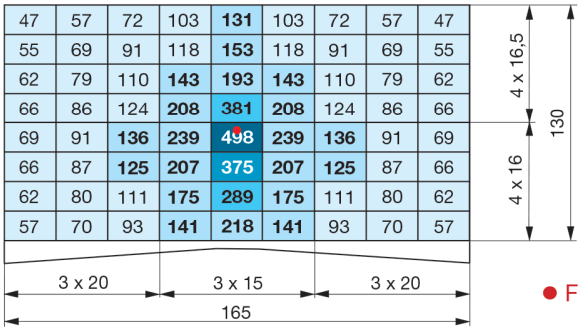


50	62	82	**114**	**144**	**114**	82	62	50
56	72	100	**142**	**187**	**142**	100	72	56
60	79	**115**	**179**	**312**	**179**	**115**	79	60
63	84	**127**	**206**	**408**	**206**	**127**	84	63
64	86	**130**	**213**	**433**	**213**	**130**	86	64
61	81	**119**	**186**	**337**	**186**	**119**	81	61
58	75	106	**160**	**267**	**160**	106	75	58
53	66	89	**131**	**205**	**131**	89	66	53

46	46	**57**	**73**	**105**	**73**	**57**	46	46
51	**65**	**87**	**122**	**160**	**122**	**87**	**65**	**51**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
53	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**53**
49	**60**	**79**	**114**	**160**	**114**	**79**	**60**	**49**

● F max. = 476 kN

SN5650-PMOK-0165-50°

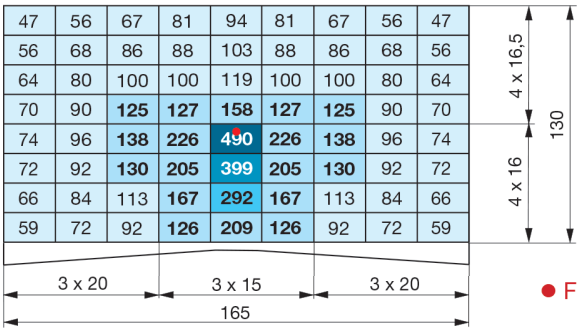


47	57	72	103	**131**	103	72	57	47
55	69	91	118	**153**	118	91	69	55
62	79	110	**143**	**193**	**143**	110	79	62
66	86	124	**208**	**381**	**208**	124	86	66
69	91	**136**	**239**	**498**	**239**	**136**	91	69
66	87	**125**	**207**	**375**	**207**	**125**	87	66
62	80	111	**175**	**289**	**175**	111	80	62
57	70	93	**141**	**218**	**141**	93	70	57

46	46	56	**70**	**91**	**70**	56	46	46
53	**65**	**85**	**103**	**131**	**103**	**85**	**65**	53
58	**73**	**99**	**122**	**163**	**122**	**99**	**73**	58
61	**77**	**101**	**146**	**202**	**146**	**101**	**77**	**61**
62	**77**	**101**	**146**	**202**	**146**	**101**	**77**	**62**
61	**77**	**101**	**146**	**202**	**146**	**101**	**77**	**61**
57	**71**	**95**	**141**	**202**	**141**	**95**	**71**	57
51	**62**	**79**	**109**	**202**	**109**	**79**	**62**	51

● F max. = 492 kN

SN5650-PMOK-0165-60°

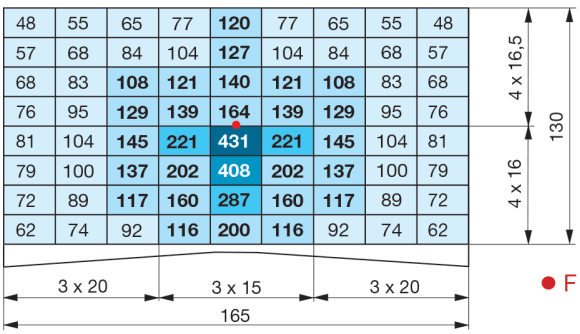


47	56	67	81	94	81	67	56	47
56	68	86	88	103	88	86	68	56
64	80	100	100	119	100	100	80	64
70	90	**125**	**127**	**158**	**127**	**125**	90	70
74	96	**138**	**226**	**490**	**226**	**138**	96	74
72	92	**130**	**205**	**399**	**205**	**130**	92	72
66	84	113	**167**	**292**	**167**	113	84	66
59	72	92	**126**	**209**	**126**	92	72	59

45	45	52	62	78	62	52	45	45
52	63	78	**88**	**103**	**88**	78	63	52
59	73	**96**	**100**	**119**	**100**	**96**	73	59
64	**81**	**109**	**126**	**158**	**126**	**109**	**81**	64
68	**86**	**118**	**179**	**265**	**179**	**118**	**86**	68
66	**83**	**113**	**174**	**265**	**174**	**113**	**83**	66
62	76	**100**	**145**	**265**	**145**	**100**	76	62
55	66	**83**	**111**	**210**	**111**	**83**	66	55

● F max. = 504 kN

SN5650-PMOK-0165-70°

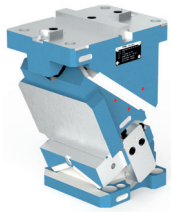


48	55	65	77	**120**	77	65	55	48
57	68	84	104	**127**	104	84	68	57
68	83	**108**	**121**	**140**	**121**	**108**	83	68
76	95	**129**	**139**	**164**	**139**	**129**	95	76
81	104	**145**	**221**	**431**	**221**	**145**	104	81
79	100	**137**	**202**	**408**	**202**	**137**	100	79
72	89	**117**	**160**	**287**	**160**	**117**	89	72
62	74	92	**116**	**200**	**116**	92	74	62

45	45	52	61	73	61	52	45	45
54	63	77	97	**127**	97	77	63	54
63	77	97	**121**	**140**	**121**	97	77	63
70	87	**114**	**139**	**164**	**139**	**114**	87	70
75	94	**126**	**192**	**380**	**192**	**126**	94	75
73	91	**121**	**178**	**380**	**178**	**121**	91	73
67	82	105	**145**	**287**	**145**	105	82	67
59	69	84	108	**200**	108	84	69	59

● F max. = 513 kN

D 1801D 06.2022

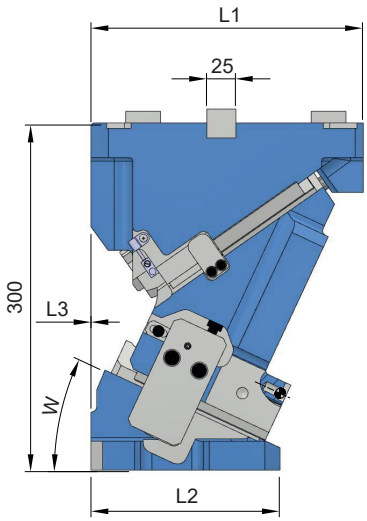


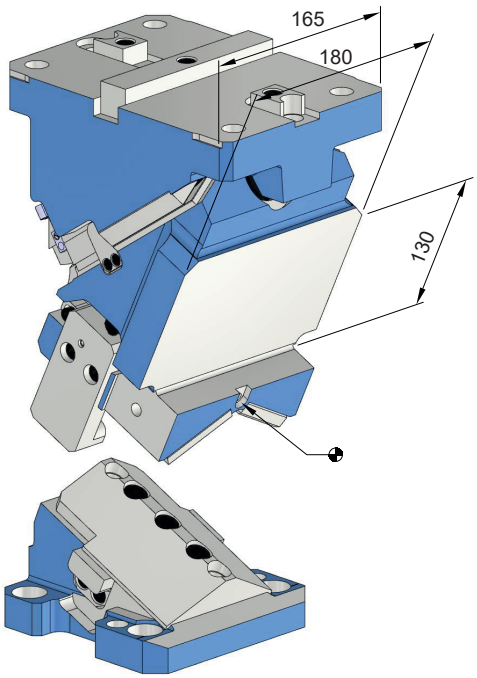
SN5650-PMOK-0180-

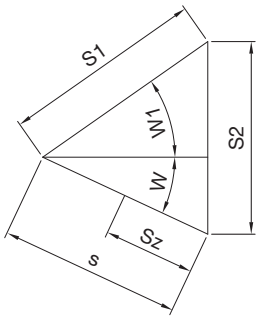
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	180 x 130 mm
Schieberbreite max.	*Cam unit width max.*	180 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 378 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



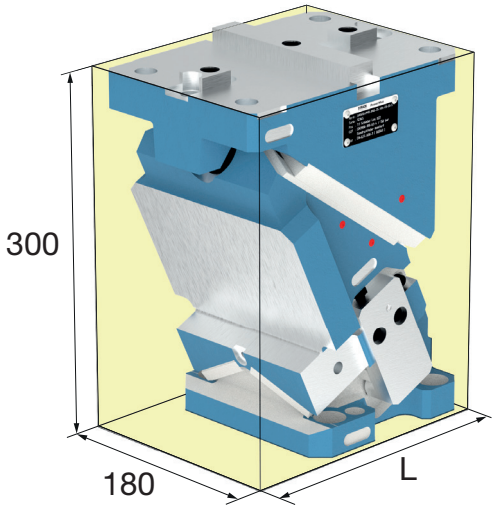
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOK-0180-

Oben hängender Kompakt-Normschieber



E0



E1



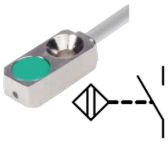
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E0-G0-S0-V04
0°	E0	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E0-G0-S1-V04
0°	E0	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E0-G1-S0-V04
0°	E0	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E0-G1-S1-V04
0°	E1	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E1-G0-S0-V04
0°	E1	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E1-G0-S1-V04
0°	E1	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E1-G1-S0-V04
0°	E1	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOK-0180-00-E1-G1-S1-V04
5°	E0	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E0-G0-S0-V04
5°	E0	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E0-G0-S1-V04
5°	E0	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E0-G1-S0-V04
5°	E0	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E0-G1-S1-V04
5°	E1	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E1-G0-S0-V04
5°	E1	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E1-G0-S1-V04
5°	E1	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E1-G1-S0-V04
5°	E1	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOK-0180-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOK-0180-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E1-G1-S0-V04
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOK-0180-15-E1-G1-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E0-G0-S0-V04
20°	E0	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E0-G0-S1-V04
20°	E0	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E0-G1-S0-V04
20°	E0	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E0-G1-S1-V04
20°	E1	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E1-G0-S0-V04
20°	E1	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E1-G0-S1-V04
20°	E1	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E1-G1-S0-V04
20°	E1	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOK-0180-20-E1-G1-S1-V04
25°	E0	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E0-G0-S0-V04
25°	E0	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E0-G0-S1-V04
25°	E0	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E0-G1-S0-V04
25°	E0	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E0-G1-S1-V04
25°	E1	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E1-G0-S0-V04
25°	E1	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E1-G0-S1-V04
25°	E1	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E1-G1-S0-V04
25°	E1	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOK-0180-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOK-0180-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOK-0180-35-E1-G1-S1-V04
40°	E0	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E0-G0-S0-V04
40°	E0	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E0-G0-S1-V04
40°	E0	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E0-G1-S0-V04
40°	E0	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E0-G1-S1-V04
40°	E1	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E1-G0-S0-V04
40°	E1	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E1-G0-S1-V04
40°	E1	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E1-G1-S0-V04
40°	E1	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOK-0180-40-E1-G1-S1-V04
45°	E0	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E0-G0-S0-V04
45°	E0	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E0-G0-S1-V04
45°	E0	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E0-G1-S0-V04
45°	E0	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E0-G1-S1-V04
45°	E1	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E1-G0-S0-V04
45°	E1	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E1-G0-S1-V04
45°	E1	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E1-G1-S0-V04
45°	E1	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOK-0180-45-E1-G1-S1-V04
50°	E0	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E0-G0-S0-V04
50°	E0	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E0-G0-S1-V04
50°	E0	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E0-G1-S0-V04
50°	E0	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E0-G1-S1-V04
50°	E1	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E1-G0-S0-V04
50°	E1	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E1-G0-S1-V04
50°	E1	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E1-G1-S0-V04

D 1801D 06.2022

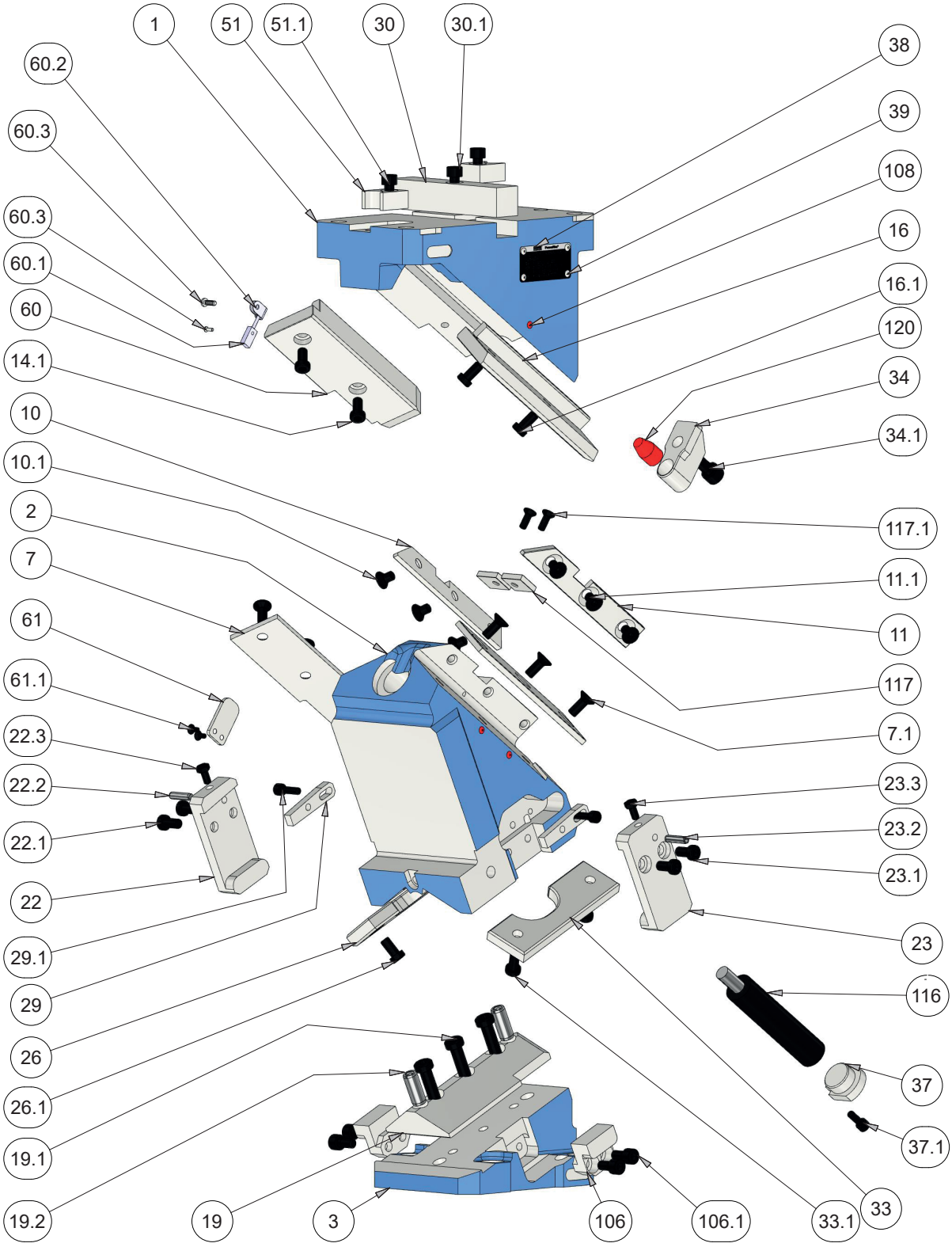


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOK-0180-50-E1-G1-S1-V04
55°	E0	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E0-G0-S0-V04
55°	E0	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E0-G0-S1-V04
55°	E0	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E0-G1-S0-V04
55°	E0	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E0-G1-S1-V04
55°	E1	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E1-G0-S0-V04
55°	E1	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E1-G0-S1-V04
55°	E1	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E1-G1-S0-V04
55°	E1	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOK-0180-55-E1-G1-S1-V04
60°	E0	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E0-G0-S0-V04
60°	E0	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E0-G0-S1-V04
60°	E0	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E0-G1-S0-V04
60°	E0	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E0-G1-S1-V04
60°	E1	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E1-G0-S0-V04
60°	E1	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E1-G0-S1-V04
60°	E1	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E1-G1-S0-V04
60°	E1	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOK-0180-60-E1-G1-S1-V04
65°	E0	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E0-G0-S0-V04
65°	E0	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E0-G0-S1-V04
65°	E0	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E0-G1-S0-V04
65°	E0	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E0-G1-S1-V04
65°	E1	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E1-G0-S0-V04
65°	E1	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E1-G0-S1-V04
65°	E1	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E1-G1-S0-V04
65°	E1	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOK-0180-65-E1-G1-S1-V04
70°	E0	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E0-G0-S0-V04
70°	E0	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E0-G0-S1-V04
70°	E0	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E0-G1-S0-V04
70°	E0	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E0-G1-S1-V04
70°	E1	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E1-G0-S0-V04
70°	E1	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E1-G0-S1-V04
70°	E1	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E1-G1-S0-V04
70°	E1	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOK-0180-70-E1-G1-S1-V04
75°	E0	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E0-G0-S0-V04
75°	E0	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E0-G0-S1-V04
75°	E0	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E0-G1-S0-V04
75°	E0	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E0-G1-S1-V04
75°	E1	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E1-G0-S0-V04
75°	E1	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E1-G0-S1-V04
75°	E1	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E1-G1-S0-V04
75°	E1	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOK-0180-75-E1-G1-S1-V04

SN5650-PMOK-0180-

Bauteile

Components

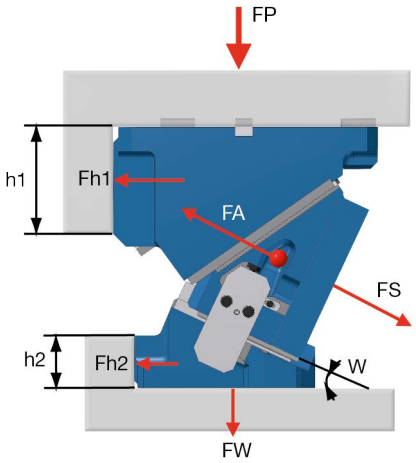


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0180-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	378	355	378	355	0	115	40	17
05°	394	372	362	336	28	108	50	22
10°	409	388	347	317	56	100	60	26
15°	414	394	323	287	75	103	55	34
20°	418	400	299	257	94	105	50	41
25°	429	412	281	231	106	98	50	48
30°	440	424	263	204	118	90	50	55
35°	458	443	248	180	124	88	55	54
40°	476	462	234	156	131	85	60	52
45°	484	471	213	130	127	78	63	53
50°	492	481	193	104	124	70	65	54
55°	498	488	171	81	113	65	73	54
60°	504	495	150	59	102	60	80	54
65°	509	501	128	42	85	63	95	54
70°	513	507	107	25	69	65	110	53
75°	511	505	88	12	44	65	110	54



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

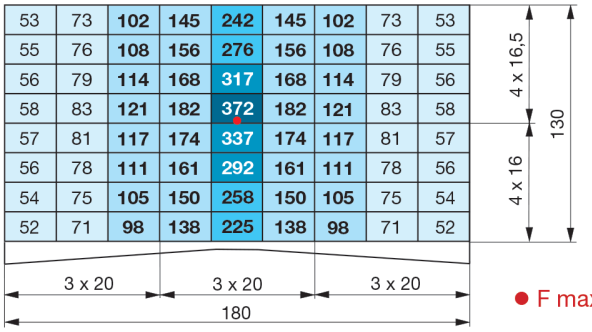
SN5650-PMOK-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

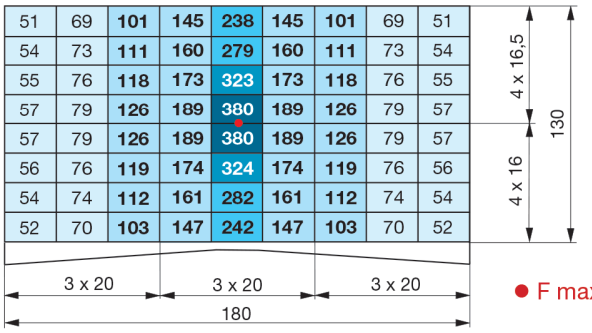
SN5650-PMOK-0180-0°



● F max. = 378 kN

43	43	52	61	68	61	52	43	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43
43	52	61	68	78	68	61	52	43

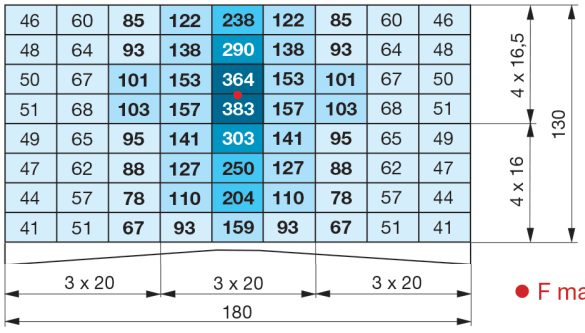
SN5650-PMOK-0180-10°



● F max. = 409 kN

45	45	55	70	79	70	55	45	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45
45	55	70	79	92	79	70	55	45

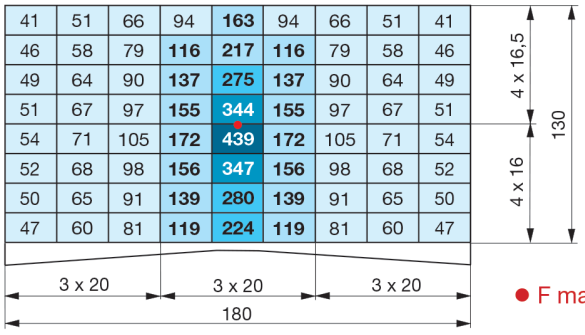
SN5650-PMOK-0180-20°



● F max. = 418 kN

46	46	57	72	88	72	57	46	46
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
47	57	72	88	109	88	72	57	47
44	57	72	88	109	88	72	57	44
41	51	72	88	109	88	72	51	41

SN5650-PMOK-0180-30°



● F max. = 440 kN

41	41	51	66	94	66	51	41	41
46	58	79	105	131	105	79	58	46
49	63	81	104	131	104	81	63	49
51	63	81	104	131	104	81	63	51
52	63	81	104	131	104	81	63	52
52	63	81	104	131	104	81	63	52
50	63	81	104	131	104	81	63	50
47	60	81	104	131	104	81	60	47

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SN5650-PMOK-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0180-40°

46	57	73	105	**185**	105	73	57	46
51	65	87	**130**	**248**	**130**	87	65	51
55	71	98	**155**	**318**	**155**	98	71	55
58	75	107	**176**	**408**	**176**	107	75	58
59	76	**109**	**182**	**433**	**182**	**109**	76	59
56	72	101	**161**	**337**	**161**	101	72	56
53	68	92	**138**	**267**	**138**	92	68	53
49	60	79	**114**	**205**	**114**	79	60	49

4 x 16,5 / 4 x 16 / 130

3 x 20 | 3 x 20 | 3 x 20 = 180

46	46	57	73	**105**	73	57	46	46
51	**65**	**87**	**122**	**160**	**122**	**87**	**65**	**51**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
55	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**55**
53	**68**	**88**	**122**	**160**	**122**	**88**	**68**	**53**
49	**60**	**79**	**114**	**160**	**114**	**79**	**60**	**49**

● F max. = 476 kN

SN5650-PMOK-0180-50°

46	56	69	91	113	91	69	56	46
53	65	85	102	**131**	102	85	65	53
58	73	99	**122**	**164**	**122**	99	73	58
61	78	109	**178**	**336**	**178**	109	78	61
63	81	113	**188**	**456**	**188**	113	81	63
60	76	105	**165**	**350**	**165**	105	76	60
56	70	94	**139**	**269**	**139**	94	70	56
51	62	79	108	**200**	108	79	62	51

4 x 16,5 / 4 x 16 / 130

3 x 20 | 3 x 20 | 3 x 20 = 180

46	46	56	**70**	**91**	**70**	56	46	46
53	**65**	**85**	**103**	**131**	**103**	**85**	**65**	53
58	**73**	**99**	**122**	**163**	**122**	**99**	**73**	58
61	**77**	**101**	**146**	**202**	**146**	**101**	**77**	**61**
62	**77**	**101**	**146**	**202**	**146**	**101**	**77**	**62**
61	**77**	**101**	**146**	**202**	**146**	**101**	**77**	**61**
57	**71**	**95**	**141**	**202**	**141**	**95**	**71**	57
51	**62**	**79**	**109**	**202**	**109**	**79**	**62**	51

● F max. = 492 kN

SN5650-PMOK-0180-60°

45	52	62	78	94	78	62	52	45
52	63	78	88	103	88	78	63	52
59	73	96	100	119	100	96	73	59
64	81	109	**126**	**158**	**126**	109	81	64
68	86	118	**189**	**490**	**189**	118	86	68
66	83	113	**174**	**399**	**174**	113	83	66
62	76	100	**145**	**292**	**145**	100	76	62
55	66	83	111	**210**	111	83	66	55

4 x 16,5 / 4 x 16 / 130

3 x 20 | 3 x 20 | 3 x 20 = 180

45	45	52	62	78	62	52	45	45
52	63	78	**88**	**103**	**88**	78	63	52
59	73	**96**	**100**	**119**	**100**	**96**	73	59
64	**81**	**109**	**126**	**158**	**126**	**109**	**81**	64
68	**86**	**118**	**179**	**265**	**179**	**118**	**86**	68
66	**83**	**113**	**174**	**265**	**174**	**113**	**83**	66
62	76	**100**	**145**	**265**	**145**	**100**	76	62
55	66	**83**	**111**	**210**	**111**	**83**	66	55

● F max. = 504 kN

SN5650-PMOK-0180-70°

45	52	61	73	**120**	73	61	52	45
54	63	77	97	**127**	97	77	63	54
63	77	97	**121**	**140**	**121**	97	77	63
70	87	**114**	**139**	**164**	**139**	**114**	87	70
75	94	**126**	**192**	**432**	**192**	**126**	94	75
73	91	**121**	**178**	**408**	**178**	**121**	91	73
67	82	105	**145**	**287**	**145**	105	82	67
59	69	84	**108**	**200**	**108**	84	69	59

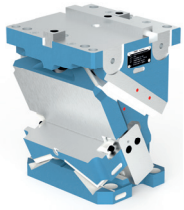
4 x 16,5 / 4 x 16 / 130

3 x 20 | 3 x 20 | 3 x 20 = 180

45	45	52	61	73	61	52	45	45
54	63	77	97	**127**	97	77	63	54
63	77	97	**121**	**140**	**121**	97	77	63
70	87	**114**	**139**	**164**	**139**	**114**	87	70
75	94	**126**	**192**	**380**	**192**	**126**	94	75
73	91	**121**	**178**	**380**	**178**	**121**	91	73
67	82	105	**145**	**287**	**145**	105	82	67
59	69	84	108	**200**	108	84	69	59

● F max. = 513 kN

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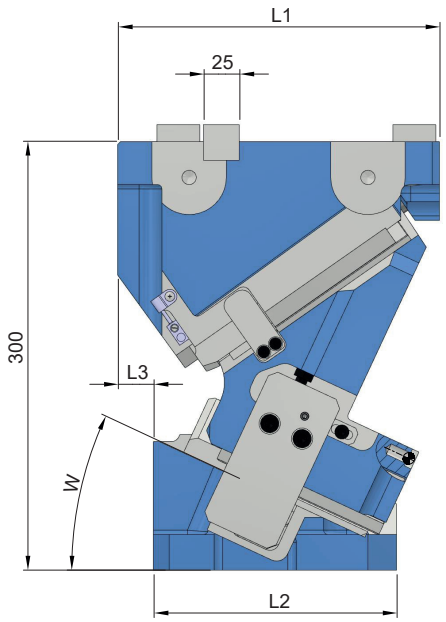


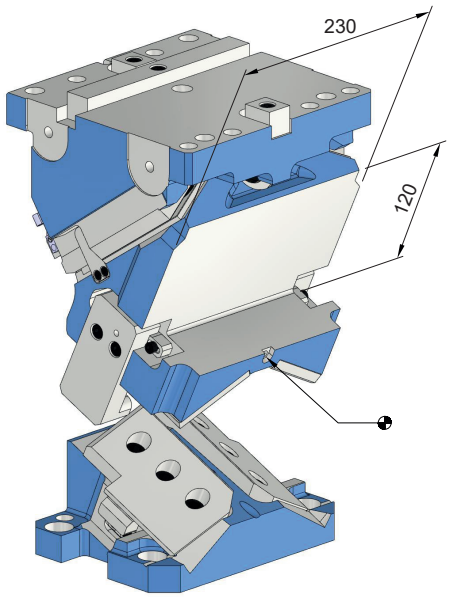
SN5650-PMOK-0230-

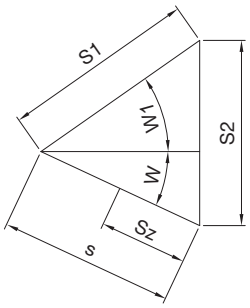
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	230 x 120 mm
Schieberbreite max.	*Cam unit width max.*	230 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 469 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together

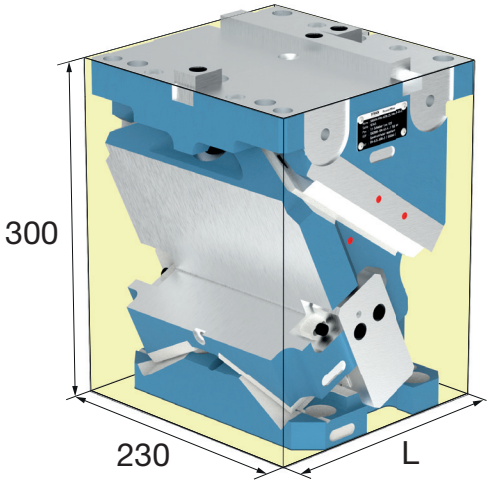


Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOK-0230-

Oben hängender Kompakt-Normschieber



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



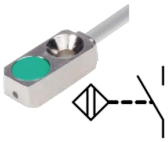
G0



S0



S1



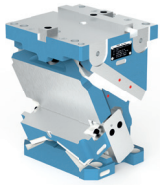
W = Schieberwinkel

E = Einarbeitung
Machining

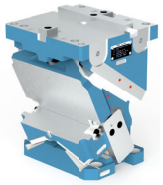
G = Gasdruckfeder
Gas spring

SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E0-G0-S0-V04
0°	E0	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E0-G0-S1-V04
0°	E0	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E0-G1-S0-V04
0°	E0	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E0-G1-S1-V04
0°	E1	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E1-G0-S0-V04
0°	E1	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E1-G0-S1-V04
0°	E1	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E1-G1-S0-V04
0°	E1	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0230-00-E1-G1-S1-V04
5°	E0	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E0-G0-S0-V04
5°	E0	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E0-G0-S1-V04
5°	E0	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E0-G1-S0-V04
5°	E0	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E0-G1-S1-V04
5°	E1	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E1-G0-S0-V04
5°	E1	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E1-G0-S1-V04
5°	E1	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E1-G1-S0-V04
5°	E1	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0230-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0230-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E1-G1-S0-V04
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0230-15-E1-G1-S1-V04
20°	E0	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E0-G0-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E0-G0-S1-V04
20°	E0	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E0-G1-S0-V04
20°	E0	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E0-G1-S1-V04
20°	E1	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E1-G0-S0-V04
20°	E1	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E1-G0-S1-V04
20°	E1	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E1-G1-S0-V04
20°	E1	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0230-20-E1-G1-S1-V04
25°	E0	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E0-G0-S0-V04
25°	E0	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E0-G0-S1-V04
25°	E0	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E0-G1-S0-V04
25°	E0	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E0-G1-S1-V04
25°	E1	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E1-G0-S0-V04
25°	E1	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E1-G0-S1-V04
25°	E1	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E1-G1-S0-V04
25°	E1	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0230-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0230-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0230-35-E1-G1-S1-V04
40°	E0	G0	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E0-G0-S0-V04
40°	E0	G0	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E0-G0-S1-V04
40°	E0	G1	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E0-G1-S0-V04
40°	E0	G1	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E0-G1-S1-V04
40°	E1	G0	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E1-G0-S0-V04
40°	E1	G0	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E1-G0-S1-V04
40°	E1	G1	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E1-G1-S0-V04
40°	E1	G1	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOK-0230-40-E1-G1-S1-V04
45°	E0	G0	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E0-G0-S0-V04
45°	E0	G0	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E0-G0-S1-V04
45°	E0	G1	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E0-G1-S0-V04
45°	E0	G1	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E0-G1-S1-V04
45°	E1	G0	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E1-G0-S0-V04
45°	E1	G0	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E1-G0-S1-V04
45°	E1	G1	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E1-G1-S0-V04
45°	E1	G1	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOK-0230-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E1-G0-S1-V04
50°	E1	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0230-50-E1-G1-S1-V04

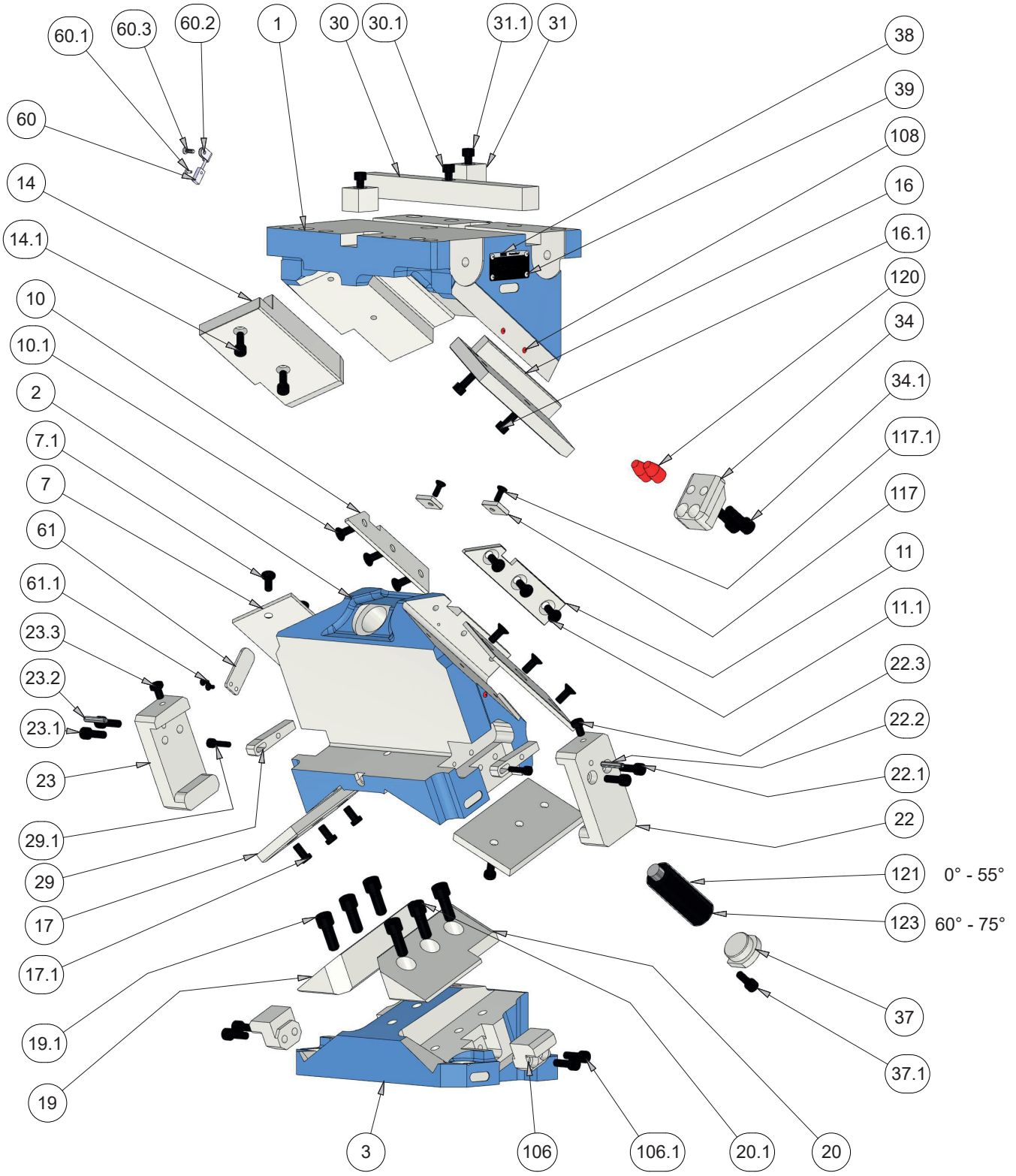


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0230-55-E1-G1-S1-V04
60°	E0	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E0-G0-S0-V04
60°	E0	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E0-G0-S1-V04
60°	E0	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E0-G1-S0-V04
60°	E0	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E0-G1-S1-V04
60°	E1	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E1-G0-S0-V04
60°	E1	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E1-G0-S1-V04
60°	E1	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E1-G1-S0-V04
60°	E1	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0230-60-E1-G1-S1-V04
65°	E0	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E0-G0-S0-V04
65°	E0	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E0-G0-S1-V04
65°	E0	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E0-G1-S0-V04
65°	E0	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E0-G1-S1-V04
65°	E1	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E1-G0-S0-V04
65°	E1	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E1-G0-S1-V04
65°	E1	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E1-G1-S0-V04
65°	E1	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0230-65-E1-G1-S1-V04
70°	E0	G0	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E0-G0-S0-V04
70°	E0	G0	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E0-G0-S1-V04
70°	E0	G1	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E0-G1-S0-V04
70°	E0	G1	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E0-G1-S1-V04
70°	E1	G0	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E1-G0-S0-V04
70°	E1	G0	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E1-G0-S1-V04
70°	E1	G1	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E1-G1-S0-V04
70°	E1	G1	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOK-0230-70-E1-G1-S1-V04
75°	E0	G0	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E0-G0-S0-V04
75°	E0	G0	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E0-G0-S1-V04
75°	E0	G1	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E0-G1-S0-V04
75°	E0	G1	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E0-G1-S1-V04
75°	E1	G0	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E1-G0-S0-V04
75°	E1	G0	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E1-G0-S1-V04
75°	E1	G1	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E1-G1-S0-V04
75°	E1	G1	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOK-0230-75-E1-G1-S1-V04

SN5650-PMOK-0230-

Bauteile

Components



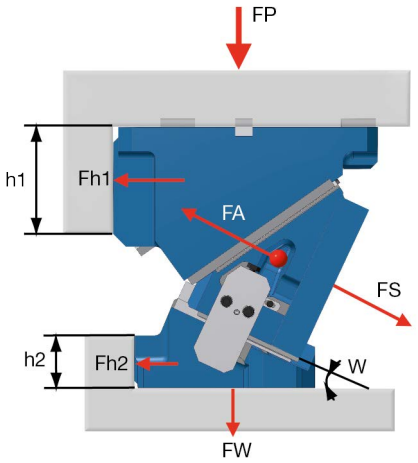
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

D 1801D 06.2022

SN5650-PMOK-0230-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	469	440	469	440	0	80	50	26
05°	491	456	453	413	36	80	50	28
10°	488	463	414	378	67	80	50	38
15°	508	477	398	346	93	80	50	42
20°	520	497	372	320	116	80	50	41
25°	537	510	355	283	132	80	50	46
30°	567	547	339	263	152	80	50	41
35°	582	558	320	224	157	80	50	48
40°	571	554	280	187	157	80	50	47
45°	583	564	261	152	152	80	50	56
50°	590	577	231	125	149	80	100	53
55°	600	585	211	93	133	80	100	55
60°	605	595	180	71	123	90	100	55
65°	612	601	159	46	100	90	100	54
70°	637	630	132	31	86	90	100	51
75°	641	634	110	15	56	90	100	51



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOK-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0230-0°

51	72	102	139	191	302	191	139	102	72	51
52	74	107	147	206	340	206	147	107	74	52
54	77	113	157	226	398	226	157	113	77	54
55	79	118	167	244	458	244	167	118	79	55
54	76	112	156	221	383	221	156	112	76	54
53	74	106	146	202	330	202	146	106	74	53
51	71	100	136	185	285	185	136	100	71	51

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

51	72	72	91	103	115	103	91	72	72	51
52	73	91	103	115	130	115	103	91	73	52
54	73	91	103	115	130	115	103	91	73	54
55	73	91	103	115	130	115	103	91	73	55
54	73	91	103	115	130	115	103	91	73	54
53	73	91	103	115	130	115	103	91	73	53
51	71	91	103	115	130	115	103	91	71	51

● F max. = 469 kN

SN5650-PMOK-0230-10°

43	59	80	104	151	253	151	104	80	59	43
45	62	86	114	167	297	167	114	86	62	45
47	65	93	125	188	366	188	125	93	65	47
48	68	99	137	213	478	213	137	99	68	48
47	66	94	128	192	379	192	128	94	66	47
46	63	88	117	171	306	171	117	88	63	46
44	60	81	105	151	252	151	105	81	60	44

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

43	59	59	80	104	128	104	80	59	59	43
45	62	86	110	128	153	128	110	86	62	45
47	65	93	110	128	153	128	110	93	65	47
48	68	93	110	128	153	128	110	93	68	48
47	66	93	110	128	153	128	110	93	66	47
46	63	88	110	128	153	128	110	88	63	46
44	60	81	105	128	153	128	105	81	60	44

● F max. = 488 kN

SN5650-PMOK-0230-20°

40	51	67	84	116	178	116	84	67	51	40
43	56	76	96	137	223	137	96	76	56	43
46	62	86	112	163	286	163	112	86	62	46
48	65	94	126	186	356	186	126	94	65	48
50	69	101	139	212	469	212	139	101	69	50
50	69	99	136	203	420	203	136	99	69	50
48	65	92	123	179	329	179	123	92	65	48

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

40	51	51	67	84	116	84	67	51	51	40
43	56	76	96	137	183	137	96	76	56	43
46	62	86	112	148	183	148	112	86	62	46
48	65	94	124	148	183	148	124	94	65	48
50	69	101	124	148	183	148	124	101	69	50
50	69	99	124	148	183	148	124	99	69	50
48	65	92	123	148	183	148	123	92	65	48

● F max. = 520 kN

SN5650-PMOK-0230-30°

48	62	62	106	147	238	147	106	62	62	48
51	67	91	122	173	298	173	122	91	67	51
54	72	101	139	201	378	201	139	101	72	54
57	77	109	155	231	501	231	155	109	77	57
57	76	108	152	223	459	223	152	108	76	57
54	72	100	136	194	355	194	136	100	72	54
51	67	90	119	166	279	166	119	90	67	51

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

48	62	62	81	106	147	106	81	62	62	48
51	67	91	122	173	219	173	122	91	67	51
54	72	101	139	174	219	174	139	101	72	54
57	77	109	144	174	219	174	144	109	77	57
57	76	108	144	174	219	174	144	108	76	57
54	72	100	136	174	219	174	136	100	72	54
51	67	90	119	166	219	166	119	90	67	51

● F max. = 567 kN

D 1801D 06.2022

SN5650-PMOK-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0230-40°

44	55	69	87	**119**	**174**	**119**	87	69	55	44
49	61	79	104	**146**	**227**	**146**	104	79	61	49
53	69	93	130	**183**	**309**	**183**	130	93	69	53
57	74	103	**150**	**217**	**405**	**217**	**150**	103	74	57
59	79	111	**168**	**252**	**547**	**252**	**168**	111	79	59
58	77	106	**156**	**227**	**434**	**227**	**156**	106	77	58
56	72	98	**138**	**194**	**333**	**194**	**138**	98	72	56

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

44	**55**	**55**	**69**	**87**	**119**	**87**	**69**	**55**	**55**	**44**
49	**61**	**79**	**104**	**146**	**227**	**146**	**104**	**79**	**61**	**49**
53	**69**	**93**	**130**	**183**	**268**	**183**	**130**	**93**	**69**	**53**
57	**74**	**103**	**150**	**212**	**268**	**212**	**150**	**103**	**74**	**57**
59	**79**	**111**	**168**	**212**	**268**	**212**	**168**	**111**	**79**	**59**
58	**77**	**106**	**156**	**212**	**268**	**212**	**156**	**106**	**77**	**58**
56	**72**	**98**	**138**	**194**	**268**	**194**	**138**	**98**	**72**	**56**

● F max. = 571 kN

SN5650-PMOK-0230-50°

46	54	65	79	108	**134**	108	79	65	54	46
50	60	75	94	123	**149**	123	94	75	60	50
57	70	91	120	**150**	**185**	**150**	120	91	70	57
62	78	105	**147**	**215**	**288**	**215**	**147**	105	78	62
65	84	115	**167**	**255**	**508**	**255**	**167**	115	84	65
66	84	116	**166**	**252**	**488**	**252**	**166**	116	84	66
63	79	106	**147**	**213**	**363**	**213**	**147**	106	79	63

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

46	54	54	65	79	**108**	79	65	54	54	46
50	60	75	94	**123**	**149**	**123**	94	75	60	50
57	70	91	**120**	**150**	**185**	**150**	**120**	91	70	57
62	78	**105**	**147**	**215**	**288**	**215**	**147**	**105**	78	62
65	84	**115**	**167**	**255**	**336**	**255**	**167**	**115**	84	65
66	84	**116**	**166**	**252**	**336**	**252**	**166**	**116**	84	66
63	79	**106**	**147**	**213**	**336**	**213**	**147**	**106**	79	63

● F max. = 590 kN

SN5650-PMOK-0230-60°

54	63	77	94	122	**143**	122	94	77	63	54
60	73	92	116	**137**	**163**	**137**	116	92	73	60
68	84	110	**148**	**174**	**213**	**174**	**148**	110	84	68
73	92	124	**173**	**261**	**517**	**261**	**173**	124	92	73
73	92	123	**171**	**255**	**484**	**255**	**171**	123	92	73
69	85	110	**146**	**207**	**345**	**207**	**146**	110	85	69
62	74	92	116	**158**	**244**	**158**	116	92	74	62

12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

54	63	63	77	94	122	94	77	63	63	54
60	73	92	116	**137**	**163**	**137**	116	92	73	60
68	84	110	**148**	**174**	**213**	**174**	**148**	110	84	68
73	92	124	**173**	**261**	**443**	**261**	**173**	124	92	73
73	92	123	**171**	**255**	**443**	**255**	**171**	123	92	73
69	85	110	**146**	**207**	**345**	**207**	**146**	110	85	69
62	74	92	116	**158**	**244**	**158**	116	92	74	62

● F max. = 605 kN

SN5650-PMOK-0230-70°

58	67	78	91	110	**154**	110	91	78	**67**	**58**
66	77	93	112	140	**163**	140	112	93	**77**	**66**
77	93	117	**148**	**160**	**184**	**160**	**148**	117	**93**	**77**
85	106	138	**184**	**207**	**247**	**207**	**184**	138	**106**	**85**
90	112	**148**	**201**	**285**	**579**	**285**	**201**	**148**	**112**	**90**
84	103	132	**171**	**231**	**399**	**231**	**171**	132	**103**	**84**
75	89	110	136	**173**	**282**	**173**	136	110	**89**	**75**

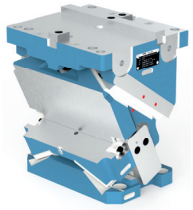
12 / 6 x 18 / 120

3 x 25 | 5 x 16 | 3 x 25
230

58	67	67	78	91	110	91	78	67	67	58
66	77	93	112	140	163	140	112	93	77	66
77	93	117	148	160	**184**	160	148	117	93	77
85	106	138	**184**	**207**	**247**	**207**	**184**	138	106	85
90	112	148	**201**	**285**	**579**	**285**	**201**	148	112	90
84	103	132	171	**231**	**399**	**231**	171	132	103	84
75	89	110	136	173	**282**	173	136	110	89	75

● F max. = 637 kN

D 1801D 06.2022

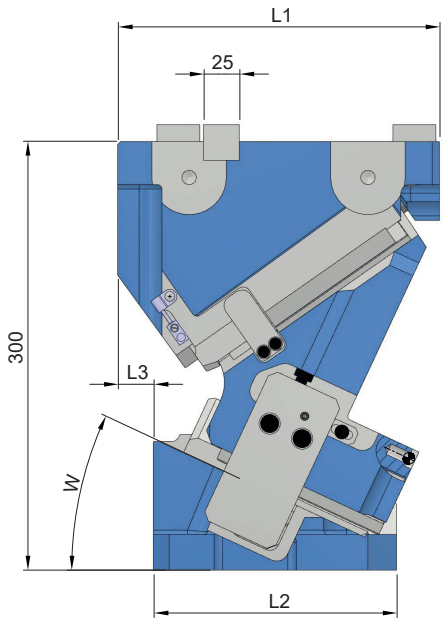


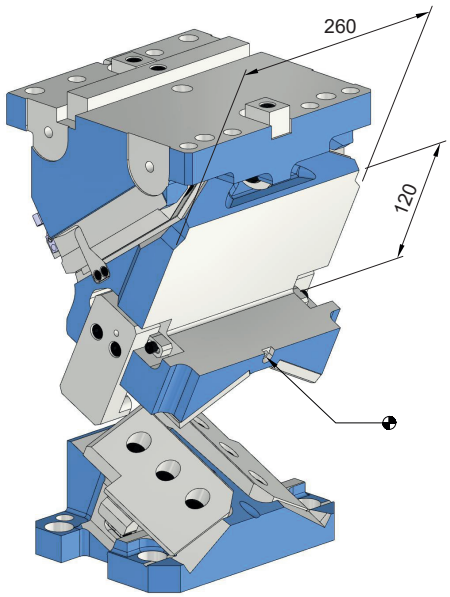
SN5650-PMOK-0260-

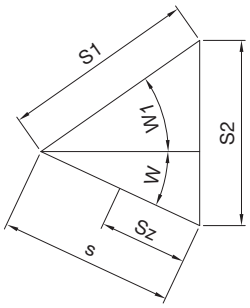
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	260 x 120 mm
Schieberbreite max.	*Cam unit width max.*	260 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 557 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

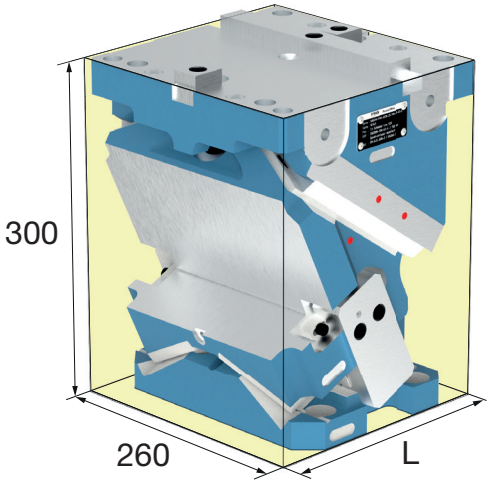
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOK-0260-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



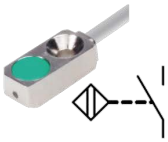
G0



S0



S1



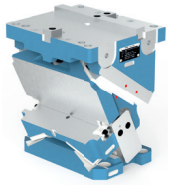
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

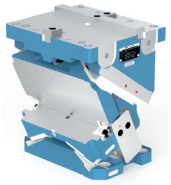
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E0-G0-S0-V04
0°	E0	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E0-G0-S1-V04
0°	E0	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E0-G1-S0-V04
0°	E0	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E0-G1-S1-V04
0°	E1	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E1-G0-S0-V04
0°	E1	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E1-G0-S1-V04
0°	E1	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E1-G1-S0-V04
0°	E1	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOK-0260-00-E1-G1-S1-V04
5°	E0	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E0-G0-S0-V04
5°	E0	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E0-G0-S1-V04
5°	E0	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E0-G1-S0-V04
5°	E0	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E0-G1-S1-V04
5°	E1	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E1-G0-S0-V04
5°	E1	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E1-G0-S1-V04
5°	E1	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E1-G1-S0-V04
5°	E1	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOK-0260-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOK-0260-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E1-G1-S0-V04
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOK-0260-15-E1-G1-S1-V04
20°	E0	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E0-G0-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E0-G0-S1-V04
20°	E0	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E0-G1-S0-V04
20°	E0	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E0-G1-S1-V04
20°	E1	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E1-G0-S0-V04
20°	E1	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E1-G0-S1-V04
20°	E1	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E1-G1-S0-V04
20°	E1	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOK-0260-20-E1-G1-S1-V04
25°	E0	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E0-G0-S0-V04
25°	E0	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E0-G0-S1-V04
25°	E0	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E0-G1-S0-V04
25°	E0	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E0-G1-S1-V04
25°	E1	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E1-G0-S0-V04
25°	E1	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E1-G0-S1-V04
25°	E1	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E1-G1-S0-V04
25°	E1	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOK-0260-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOK-0260-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOK-0260-35-E1-G1-S1-V04
40°	E0	G0	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E0-G0-S0-V04
40°	E0	G0	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E0-G0-S1-V04
40°	E0	G1	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E0-G1-S0-V04
40°	E0	G1	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E0-G1-S1-V04
40°	E1	G0	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E1-G0-S0-V04
40°	E1	G0	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E1-G0-S1-V04
40°	E1	G1	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E1-G1-S0-V04
40°	E1	G1	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOK-0260-40-E1-G1-S1-V04
45°	E0	G0	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E0-G0-S0-V04
45°	E0	G0	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E0-G0-S1-V04
45°	E0	G1	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E0-G1-S0-V04
45°	E0	G1	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E0-G1-S1-V04
45°	E1	G0	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E1-G0-S0-V04
45°	E1	G0	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E1-G0-S1-V04
45°	E1	G1	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E1-G1-S0-V04
45°	E1	G1	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOK-0260-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E1-G0-S1-V04
50°	E1	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOK-0260-50-E1-G1-S1-V04

D 1801D 06.2022



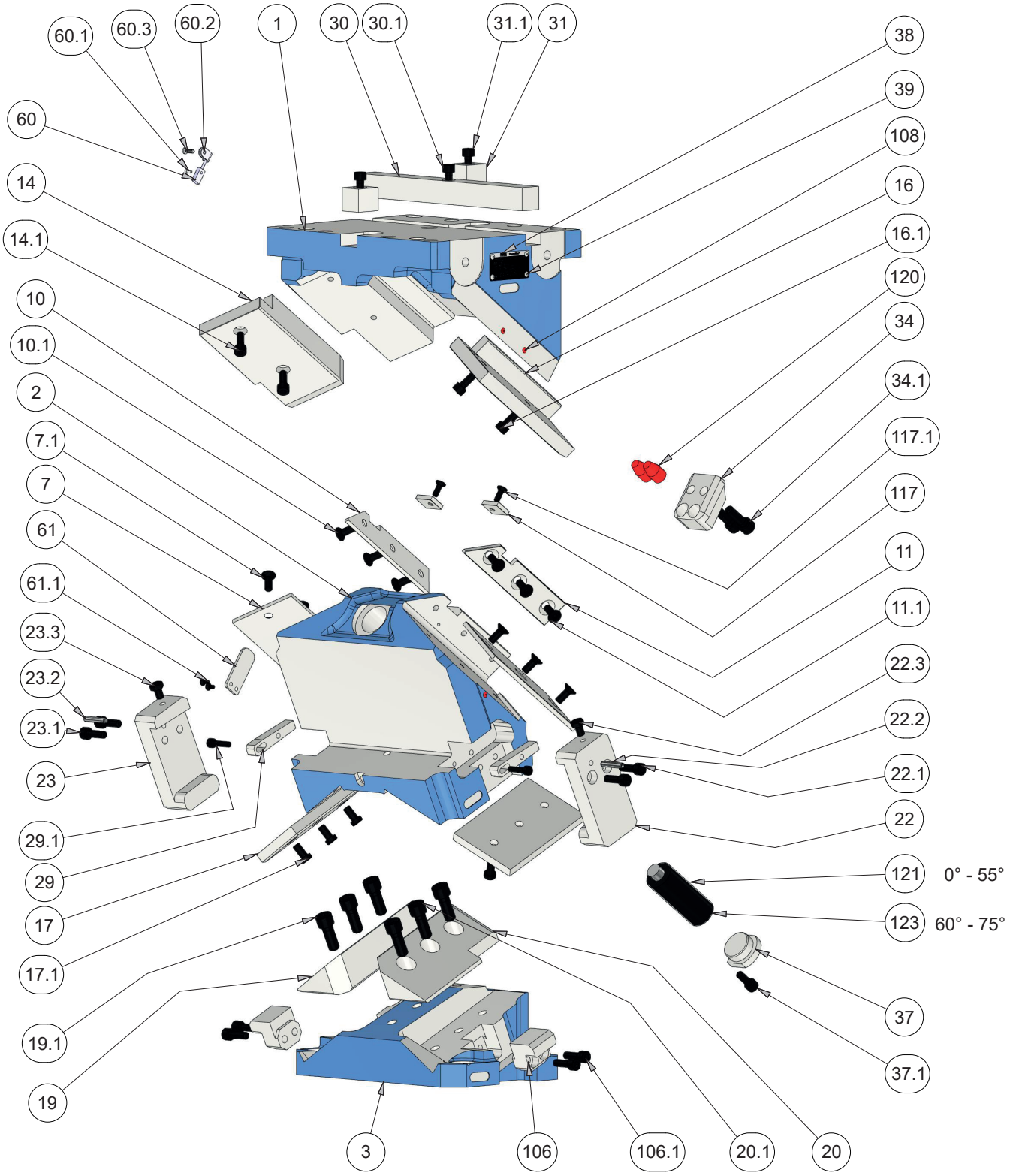
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOK-0260-55-E1-G1-S1-V04
60°	E0	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E0-G0-S0-V04
60°	E0	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E0-G0-S1-V04
60°	E0	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E0-G1-S0-V04
60°	E0	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E0-G1-S1-V04
60°	E1	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E1-G0-S0-V04
60°	E1	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E1-G0-S1-V04
60°	E1	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E1-G1-S0-V04
60°	E1	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOK-0260-60-E1-G1-S1-V04
65°	E0	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E0-G0-S0-V04
65°	E0	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E0-G0-S1-V04
65°	E0	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E0-G1-S0-V04
65°	E0	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E0-G1-S1-V04
65°	E1	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E1-G0-S0-V04
65°	E1	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E1-G0-S1-V04
65°	E1	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E1-G1-S0-V04
65°	E1	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOK-0260-65-E1-G1-S1-V04
70°	E0	G0	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E0-G0-S0-V04
70°	E0	G0	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E0-G0-S1-V04
70°	E0	G1	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E0-G1-S0-V04
70°	E0	G1	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E0-G1-S1-V04
70°	E1	G0	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E1-G0-S0-V04
70°	E1	G0	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E1-G0-S1-V04
70°	E1	G1	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E1-G1-S0-V04
70°	E1	G1	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOK-0260-70-E1-G1-S1-V04
75°	E0	G0	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E0-G0-S0-V04
75°	E0	G0	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E0-G0-S1-V04
75°	E0	G1	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E0-G1-S0-V04
75°	E0	G1	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E0-G1-S1-V04
75°	E1	G0	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E1-G0-S0-V04
75°	E1	G0	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E1-G0-S1-V04
75°	E1	G1	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E1-G1-S0-V04
75°	E1	G1	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOK-0260-75-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMOK-0260-

Bauteile

Components



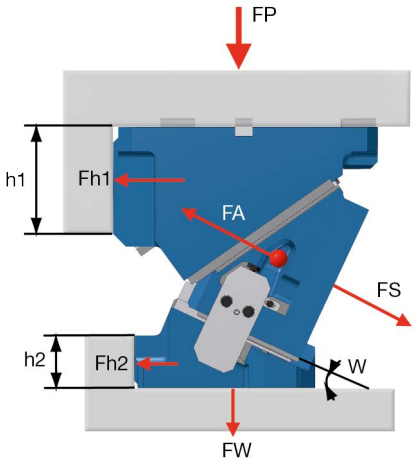
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

D 1801D 06.2022

SN5650-PMOK-0260-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	557	524	557	524	0	80	50	26
05°	584	543	539	492	43	80	50	28
10°	560	532	475	435	77	80	50	38
15°	538	507	421	368	99	80	50	42
20°	618	592	442	381	139	80	50	41
25°	638	607	421	337	157	80	50	46
30°	674	650	403	313	181	80	50	41
35°	692	664	380	267	187	80	50	48
40°	679	659	333	223	187	80	50	47
45°	693	670	310	180	180	80	50	56
50°	702	686	274	148	177	80	100	52
55°	713	695	250	111	159	80	100	52
60°	719	707	214	84	146	90	100	51
65°	727	714	189	55	118	90	100	51
70°	757	748	157	37	102	90	100	54
75°	706	698	121	17	62	90	100	53



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOK-0260-

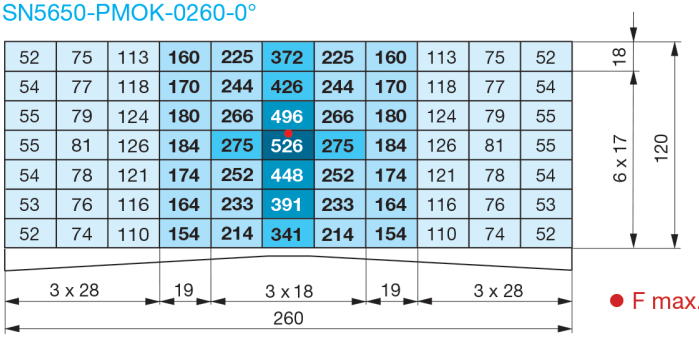
Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0260-0°

52	75	113	160	225	372	225	160	113	75	52
54	77	118	170	244	426	244	170	118	77	54
55	79	124	180	266	496	266	180	124	79	55
55	81	126	184	275	526	275	184	126	81	55
54	78	121	174	252	448	252	174	121	78	54
53	76	116	164	233	391	233	164	116	76	53
52	74	110	154	214	341	214	154	110	74	52

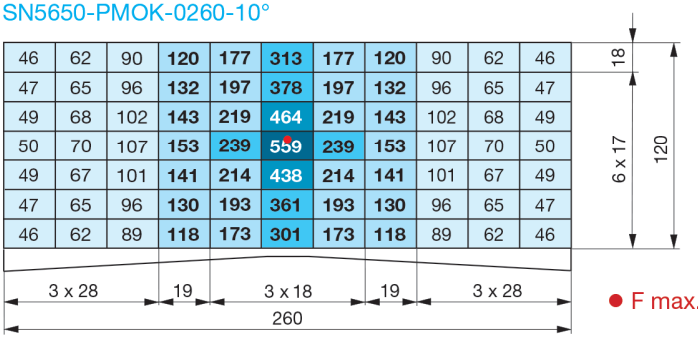


52	71	71	91	104	116	104	91	71	71	52
54	71	91	104	116	130	116	104	91	71	54
55	71	91	104	116	130	116	104	91	71	55
55	71	91	104	116	130	116	104	91	71	55
54	71	91	104	116	130	116	104	91	71	54
53	71	91	104	116	130	116	104	91	71	53
52	71	91	104	116	130	116	104	91	71	52

● F max. = 557 kN

SN5650-PMOK-0260-10°

46	62	90	120	177	313	177	120	90	62	46
47	65	96	132	197	378	197	132	96	65	47
49	68	102	143	219	464	219	143	102	68	49
50	70	107	153	239	559	239	153	107	70	50
49	67	101	141	214	438	214	141	101	67	49
47	65	96	130	193	361	193	130	96	65	47
46	62	89	118	173	301	173	118	89	62	46

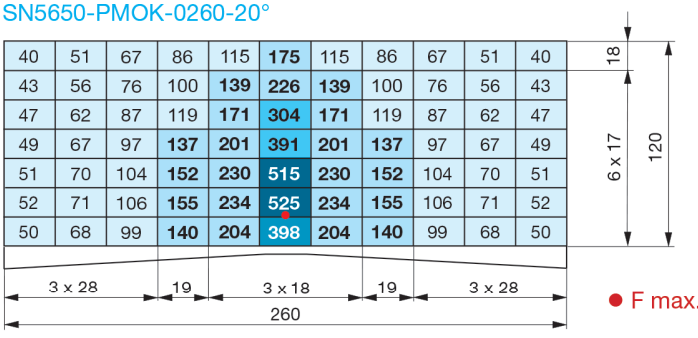


46	62	62	90	111	129	111	90	62	62	46
47	65	92	111	129	153	129	111	92	65	47
49	68	92	111	129	153	129	111	92	68	49
50	70	92	111	129	153	129	111	92	70	50
49	67	92	111	129	153	129	111	92	67	49
47	65	92	111	129	153	129	111	92	65	47
46	62	89	111	129	153	129	111	89	62	46

● F max. = 560 kN

SN5650-PMOK-0260-20°

40	51	67	86	115	175	115	86	67	51	40
43	56	76	100	139	226	139	100	76	56	43
47	62	87	119	171	304	171	119	87	62	47
49	67	97	137	201	391	201	137	97	67	49
51	70	104	152	230	515	230	152	104	70	51
52	71	106	155	234	525	234	155	106	71	52
50	68	99	140	204	398	204	140	99	68	50

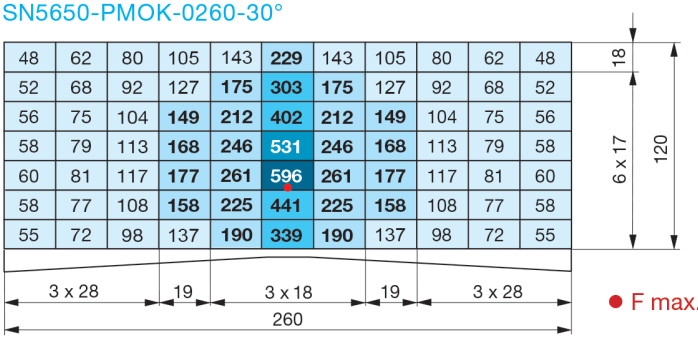


40	51	51	67	86	115	86	67	51	51	40
43	56	76	100	139	183	139	100	76	56	43
47	62	87	119	148	183	148	119	87	62	47
49	67	97	123	148	183	148	123	97	67	49
51	70	97	123	148	183	148	123	97	70	51
52	71	97	123	148	183	148	123	97	71	52
50	68	97	123	148	183	148	123	97	68	50

● F max. = 618 kN

SN5650-PMOK-0260-30°

48	62	80	105	143	229	143	105	80	62	48
52	68	92	127	175	303	175	127	92	68	52
56	75	104	149	212	402	212	149	104	75	56
58	79	113	168	246	531	246	168	113	79	58
60	81	117	177	261	596	261	177	117	81	60
58	77	108	158	225	441	225	158	108	77	58
55	72	98	137	190	339	190	137	98	72	55



48	62	62	80	105	143	105	80	62	62	48
52	68	92	127	175	219	175	127	92	68	52
56	75	104	143	174	219	174	143	104	75	56
58	79	108	143	174	219	174	143	108	79	58
60	81	108	143	174	219	174	143	108	81	60
58	77	108	143	174	219	174	143	108	77	58
55	72	98	137	174	219	174	137	98	72	55

● F max. = 674 kN

D 1801D 06.2022

SN5650-PMOK-0260-

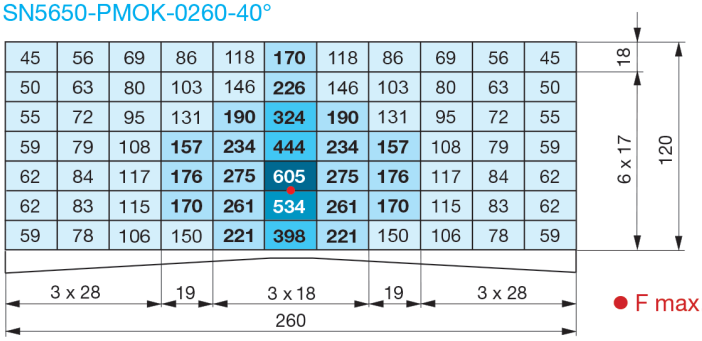
Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0260-40°

45	56	69	86	118	**170**	118	86	69	56	45
50	63	80	103	146	**226**	146	103	80	63	50
55	72	95	131	**190**	**324**	**190**	131	95	72	55
59	79	108	**157**	**234**	**444**	**234**	**157**	108	79	59
62	84	117	**176**	**275**	**605**	**275**	**176**	117	84	62
62	83	115	**170**	**261**	**534**	**261**	**170**	115	83	62
59	78	106	150	**221**	**398**	**221**	150	106	78	59

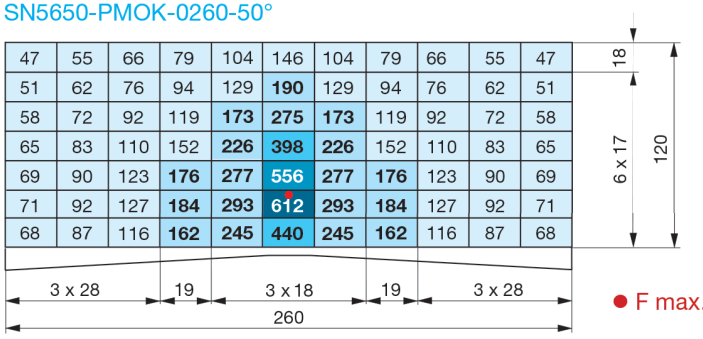


45	**56**	**56**	**69**	**86**	**118**	**86**	**69**	**56**	**56**	**45**
50	**63**	**80**	**103**	**146**	**226**	**146**	**103**	**80**	**63**	**50**
55	**72**	**95**	**131**	**190**	**268**	**190**	**131**	**95**	**72**	**55**
59	**79**	**108**	**157**	**212**	**268**	**212**	**157**	**108**	**79**	**59**
62	**84**	**117**	**167**	**212**	**268**	**212**	**167**	**117**	**84**	**62**
62	**83**	**115**	**167**	**212**	**268**	**212**	**167**	**115**	**83**	**62**
59	**78**	**106**	**150**	**212**	**268**	**212**	**150**	**106**	**78**	**59**

● F max. = 679 kN

SN5650-PMOK-0260-50°

47	55	66	79	104	146	104	79	66	55	47
51	62	76	94	129	**190**	129	94	76	62	51
58	72	92	119	**173**	**275**	**173**	119	92	72	58
65	83	110	152	**226**	**398**	**226**	152	110	83	65
69	90	123	**176**	**277**	**556**	**277**	**176**	123	90	69
71	92	127	**184**	**293**	**612**	**293**	**184**	127	92	71
68	87	116	**162**	**245**	**440**	**245**	**162**	116	87	68

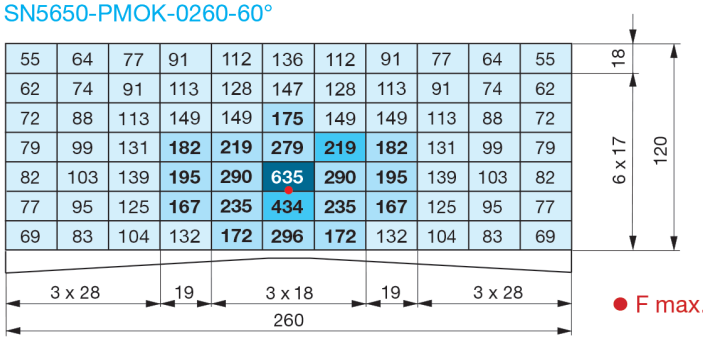


47	55	55	66	79	**104**	79	66	55	55	47
51	62	76	94	**129**	**190**	**129**	94	76	62	51
58	72	92	**119**	**173**	**275**	**173**	**119**	92	72	58
65	83	**110**	**152**	**226**	**336**	**226**	**152**	**110**	83	65
69	90	**123**	**176**	**265**	**336**	**265**	**176**	**123**	90	69
71	92	**127**	**184**	**265**	**336**	**265**	**184**	**127**	92	71
68	87	**116**	**162**	**245**	**336**	**245**	**162**	**116**	87	68

● F max. = 702 kN

SN5650-PMOK-0260-60°

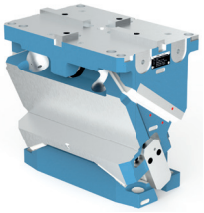
55	64	77	91	112	136	112	91	77	64	55
62	74	91	113	128	147	128	113	91	74	62
72	88	113	149	149	**175**	149	149	113	88	72
79	99	131	**182**	**219**	**279**	**219**	**182**	131	99	79
82	103	139	**195**	**290**	**635**	**290**	**195**	139	103	82
77	95	125	**167**	**235**	**434**	**235**	**167**	125	95	77
69	83	104	132	**172**	**296**	**172**	132	104	83	69



55	64	64	77	91	112	91	77	64	64	55
62	74	91	113	128	**147**	128	113	91	74	62
72	88	113	**149**	**149**	**175**	**149**	**149**	113	88	72
79	99	131	**182**	**219**	**279**	**219**	**182**	131	99	79
82	103	**139**	**195**	**290**	**443**	**290**	**195**	**139**	103	82
77	95	125	**167**	**235**	**434**	**235**	**167**	125	95	77
69	83	104	132	**172**	**296**	**172**	132	104	83	69

● F max. = 719 kN

D 1801D 06.2022

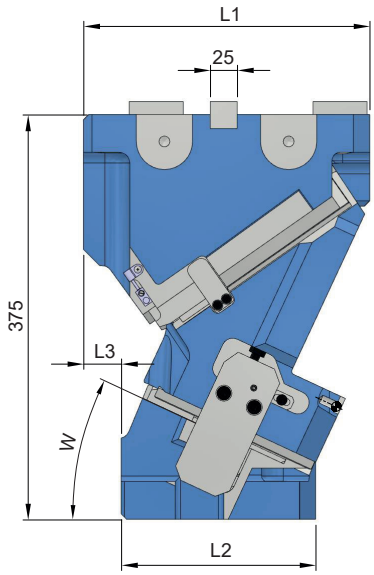


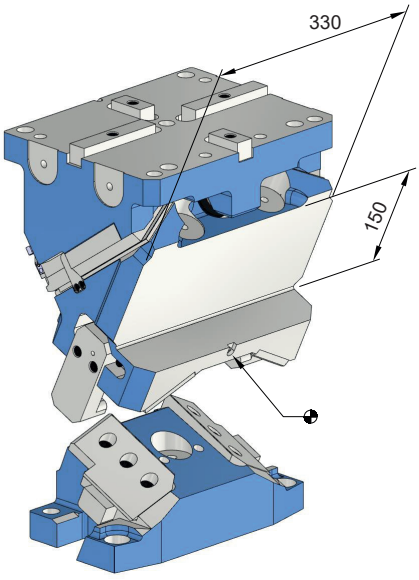
SN5650-PMOK-0330-

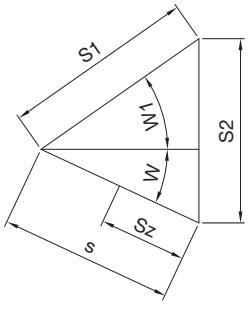
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	330 x 150 mm
Schieberbreite max.	*Cam unit width max.*	330 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1017 kN







Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug

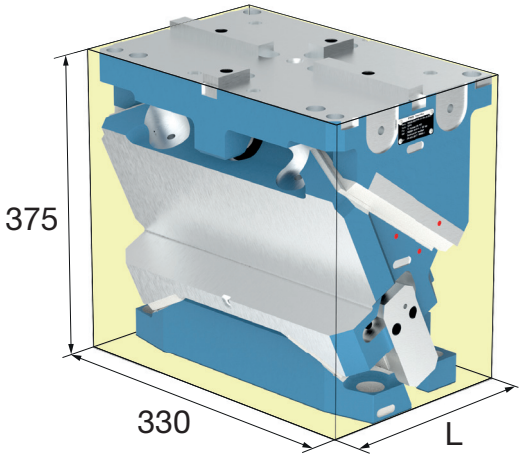
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOK-0330-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



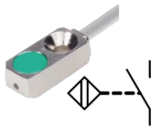
G0



S0



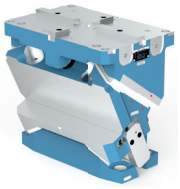
S1



W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

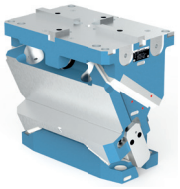
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E0-G0-S0-V04
0°	E0	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E0-G0-S1-V04
0°	E0	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E0-G1-S0-V04
0°	E0	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E0-G1-S1-V04
0°	E1	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E1-G0-S0-V04
0°	E1	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E1-G0-S1-V04
0°	E1	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E1-G1-S0-V04
0°	E1	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0330-00-E1-G1-S1-V04
5°	E0	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E0-G0-S0-V04
5°	E0	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E0-G0-S1-V04
5°	E0	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E0-G1-S0-V04
5°	E0	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E0-G1-S1-V04
5°	E1	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E1-G0-S0-V04
5°	E1	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E1-G0-S1-V04
5°	E1	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E1-G1-S0-V04
5°	E1	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0330-05-E1-G1-S1-V04
10°	E0	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E0-G0-S0-V04
10°	E0	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E0-G0-S1-V04
10°	E0	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E0-G1-S0-V04
10°	E0	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E0-G1-S1-V04
10°	E1	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E1-G0-S0-V04
10°	E1	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E1-G0-S1-V04
10°	E1	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E1-G1-S0-V04
10°	E1	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0330-10-E1-G1-S1-V04
15°	E0	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E0-G0-S0-V04
15°	E0	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E0-G0-S1-V04
15°	E0	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E0-G1-S0-V04
15°	E0	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E0-G1-S1-V04
15°	E1	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E1-G0-S0-V04
15°	E1	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E1-G0-S1-V04
15°	E1	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E1-G1-S0-V04
15°	E1	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0330-15-E1-G1-S1-V04
20°	E0	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E0-G0-S0-V04
20°	E0	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E0-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E0-G1-S0-V04
20°	E0	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E0-G1-S1-V04
20°	E1	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E1-G0-S0-V04
20°	E1	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E1-G0-S1-V04
20°	E1	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E1-G1-S0-V04
20°	E1	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0330-20-E1-G1-S1-V04
25°	E0	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E0-G0-S0-V04
25°	E0	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E0-G0-S1-V04
25°	E0	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E0-G1-S0-V04
25°	E0	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E0-G1-S1-V04
25°	E1	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E1-G0-S0-V04
25°	E1	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E1-G0-S1-V04
25°	E1	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E1-G1-S0-V04
25°	E1	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0330-25-E1-G1-S1-V04
30°	E0	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E0-G0-S0-V04
30°	E0	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E0-G0-S1-V04
30°	E0	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E0-G1-S0-V04
30°	E0	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E0-G1-S1-V04
30°	E1	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E1-G0-S0-V04
30°	E1	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E1-G0-S1-V04
30°	E1	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E1-G1-S0-V04
30°	E1	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0330-30-E1-G1-S1-V04
35°	E0	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E0-G0-S0-V04
35°	E0	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E0-G0-S1-V04
35°	E0	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E0-G1-S0-V04
35°	E0	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E0-G1-S1-V04
35°	E1	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E1-G0-S0-V04
35°	E1	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E1-G0-S1-V04
35°	E1	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E1-G1-S0-V04
35°	E1	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0330-35-E1-G1-S1-V04
40°	E0	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E0-G0-S0-V04
40°	E0	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E0-G0-S1-V04
40°	E0	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E0-G1-S0-V04
40°	E0	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E0-G1-S1-V04
40°	E1	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E1-G0-S0-V04
40°	E1	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E1-G0-S1-V04
40°	E1	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E1-G1-S0-V04
40°	E1	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0330-40-E1-G1-S1-V04
45°	E0	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E0-G0-S0-V04
45°	E0	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E0-G0-S1-V04
45°	E0	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E0-G1-S0-V04
45°	E0	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E0-G1-S1-V04
45°	E1	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E1-G0-S0-V04
45°	E1	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E1-G0-S1-V04
45°	E1	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E1-G1-S0-V04
45°	E1	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0330-45-E1-G1-S1-V04
50°	E0	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E0-G0-S0-V04
50°	E0	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E0-G0-S1-V04
50°	E0	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E0-G1-S0-V04
50°	E0	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E0-G1-S1-V04
50°	E1	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E1-G0-S0-V04
50°	E1	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E1-G0-S1-V04
50°	E1	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E1-G1-S0-V04
50°	E1	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0330-50-E1-G1-S1-V04
55°	E0	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E0-G0-S0-V04

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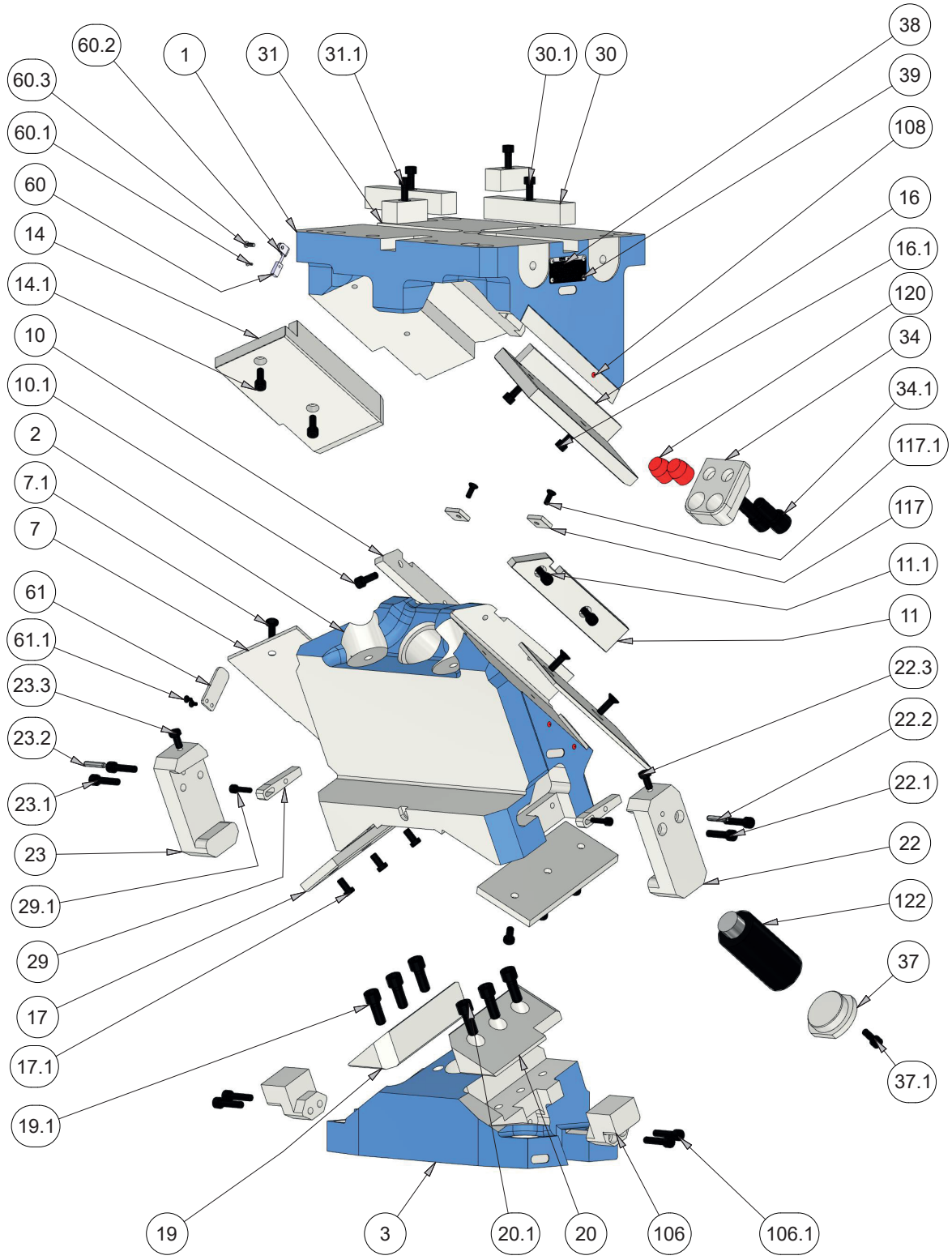


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E0-G0-S1-V04
55°	E0	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E0-G1-S0-V04
55°	E0	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E0-G1-S1-V04
55°	E1	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E1-G0-S0-V04
55°	E1	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E1-G0-S1-V04
55°	E1	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E1-G1-S0-V04
55°	E1	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0330-55-E1-G1-S1-V04
60°	E0	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E0-G0-S0-V04
60°	E0	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E0-G0-S1-V04
60°	E0	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E0-G1-S0-V04
60°	E0	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E0-G1-S1-V04
60°	E1	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E1-G0-S0-V04
60°	E1	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E1-G0-S1-V04
60°	E1	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E1-G1-S0-V04
60°	E1	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0330-60-E1-G1-S1-V04
65°	E0	G0	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E0-G0-S0-V04
65°	E0	G0	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E0-G0-S1-V04
65°	E0	G1	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E0-G1-S0-V04
65°	E0	G1	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E0-G1-S1-V04
65°	E1	G0	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E1-G0-S0-V04
65°	E1	G0	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E1-G0-S1-V04
65°	E1	G1	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E1-G1-S0-V04
65°	E1	G1	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOK-0330-65-E1-G1-S1-V04

SN5650-PMOK-0330-

Bauteile

Components

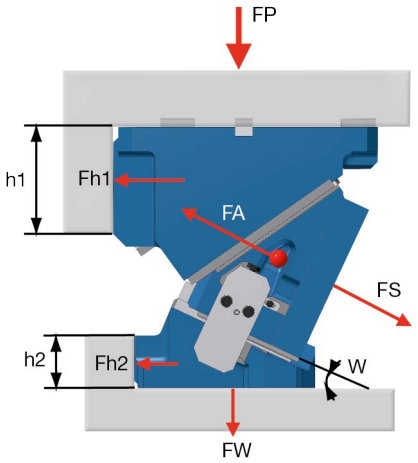


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0330-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1017	961	1017	961	0	150	50	49
05°	1066	996	983	903	79	150	50	54
10°	1067	1018	904	832	147	140	80	61
15°	1110	1049	868	762	204	140	80	62
20°	1137	1093	812	704	256	125	80	58
25°	1174	1120	773	624	291	125	75	59
30°	1198	1160	714	561	324	110	100	58
35°	1230	1184	673	478	335	110	100	59
40°	1249	1217	610	414	347	125	120	58
45°	1276	1238	567	335	335	125	120	58
50°	1292	1266	501	276	329	140	140	53
55°	1313	1283	457	207	296	140	140	54
60°	1324	1304	389	158	273	150	165	48
65°	1137	1119	290	89	190	150	167	46



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOK-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0330-0°

93	113	138	175	226	**449**	226	175	138	113	93
99	121	151	197	263	**556**	263	197	151	121	99
105	130	165	221	**305**	**689**	**305**	221	165	130	105
109	137	176	242	**346**	**846**	**346**	242	176	137	109
113	143	187	262	**387**	**1096**	**387**	262	187	143	113
114	145	188	263	**386**	**1047**	**386**	263	188	145	114
111	139	178	243	**345**	**820**	**345**	243	178	139	111
107	132	168	223	**306**	**673**	**306**	223	168	132	107
102	124	155	200	**264**	**544**	**264**	200	155	124	102

14 · 8 x 17 · 150

11 x 30
330

79	94	115	148	195	**276**	195	148	115	94	79
79	94	115	148	194	**276**	194	148	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	148	194	**276**	194	148	115	94	79

● F max. = 1017 kN

SN5650-PMOK-0330-10°

102	120	143	177	229	**338**	229	177	143	120	102
109	131	159	203	271	**431**	271	203	159	131	109
117	143	177	233	**324**	**674**	**324**	233	177	143	117
123	152	191	257	**373**	**869**	**373**	257	191	152	123
128	159	203	279	**421**	**1134**	**421**	279	203	159	128
130	161	204	279	**417**	**1072**	**417**	279	204	161	130
125	153	192	257	**370**	**835**	**370**	257	192	153	125
120	145	179	234	**322**	**675**	**322**	234	179	145	120
112	134	163	206	272	**532**	272	206	163	134	112

14 · 8 x 17 · 150

11 x 30
330

102	120	143	177	229	**338**	229	177	143	120	102
109	131	159	203	271	**348**	271	203	159	131	109
117	143	177	217	271	**348**	271	217	177	143	117
123	150	177	217	271	**348**	271	217	177	150	123
128	150	177	217	271	**348**	271	217	177	150	128
130	150	177	217	271	**348**	271	217	177	150	130
125	150	177	217	271	**348**	271	217	177	150	125
120	145	177	217	271	**348**	271	217	177	145	120
112	134	163	206	272	**348**	272	206	163	134	112

● F max. = 1067 kN

SN5650-PMOK-0330-20°

113	129	152	175	175	232	175	175	152	129	113
123	143	172	196	196	265	196	196	172	143	123
134	159	194	232	238	**328**	238	232	194	159	134
143	170	212	279	324	**509**	324	279	212	170	143
149	180	227	306	468	**1200**	468	306	227	180	149
149	179	224	299	447	**1061**	447	299	224	179	149
143	170	209	273	391	**823**	391	273	209	170	143
135	158	192	243	330	**648**	330	243	192	158	135
124	143	170	208	269	**498**	269	208	170	143	124

14 · 8 x 17 · 150

11 x 30
330

113	129	152	175	175	232	175	175	152	129	113
123	143	172	196	196	265	196	196	172	143	123
134	159	194	232	238	**328**	238	232	194	159	134
143	170	212	279	324	**460**	324	279	212	170	143
149	180	227	279	357	**460**	357	279	227	180	149
149	179	224	279	357	**460**	357	279	224	179	149
143	170	209	273	357	**460**	357	273	209	170	143
135	158	192	243	330	**460**	330	243	192	158	135
124	143	170	208	269	**460**	269	208	170	143	124

● F max. = 1137 kN

SN5650-PMOK-0330-30°

84	103	129	164	213	**425**	213	164	129	103	84
89	110	140	181	241	**517**	241	181	140	110	89
94	117	152	199	275	**631**	275	199	152	117	94
98	123	162	216	**310**	**762**	**310**	216	162	123	98
101	128	172	233	**345**	**959**	**345**	233	172	128	101
104	133	180	246	**371**	**1116**	**371**	246	180	133	104
102	129	171	230	**335**	**862**	**335**	230	171	129	102
99	124	162	213	**301**	**702**	**301**	213	162	124	99
95	118	152	197	**267**	**585**	**267**	197	152	118	95

14 · 8 x 17 · 150

11 x 30
330

84	103	126	151	181	**225**	181	151	126	103	84
89	107	126	150	180	**225**	180	150	126	107	89
93	107	126	149	179	**225**	179	149	126	107	93
93	107	126	149	179	**225**	179	149	126	107	93
93	107	126	149	179	**225**	179	149	126	107	93
93	107	126	149	179	**225**	179	149	126	107	93
93	107	126	149	179	**225**	179	149	126	107	93
93	107	126	149	179	**225**	179	149	126	107	93
93	107	126	149	179	**225**	179	149	126	107	93

● F max. = 1198 kN

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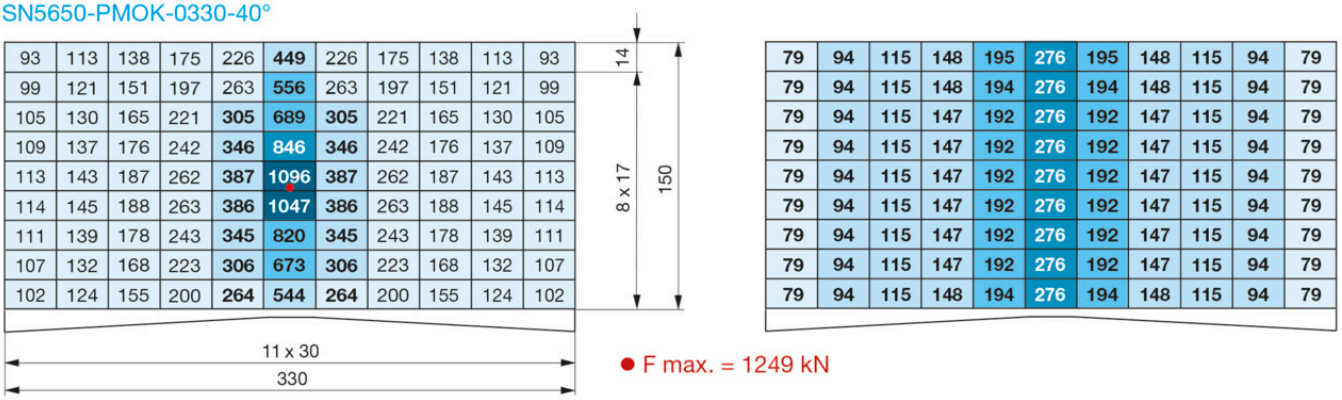
SN5650-PMOK-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0330-40°

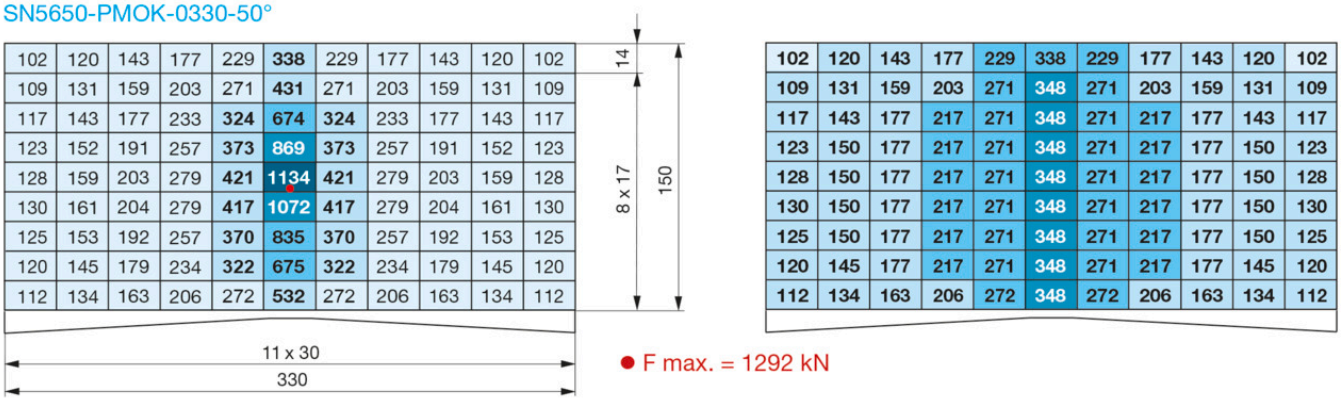


93	113	138	175	226	**449**	226	175	138	113	93
99	121	151	197	263	**556**	263	197	151	121	99
105	130	165	221	**305**	**689**	**305**	221	165	130	105
109	137	176	242	**346**	**846**	**346**	242	176	137	109
113	143	187	262	**387**	**1096**	**387**	262	187	143	113
114	145	188	263	**386**	**1047**	**386**	263	188	145	114
111	139	178	243	**345**	**820**	**345**	243	178	139	111
107	132	168	223	**306**	**673**	**306**	223	168	132	107
102	124	155	200	**264**	**544**	**264**	200	155	124	102

79	94	115	148	195	**276**	195	148	115	94	79
79	94	115	148	194	**276**	194	148	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	147	192	**276**	192	147	115	94	79
79	94	115	148	194	**276**	194	148	115	94	79

● F max. = 1249 kN

SN5650-PMOK-0330-50°

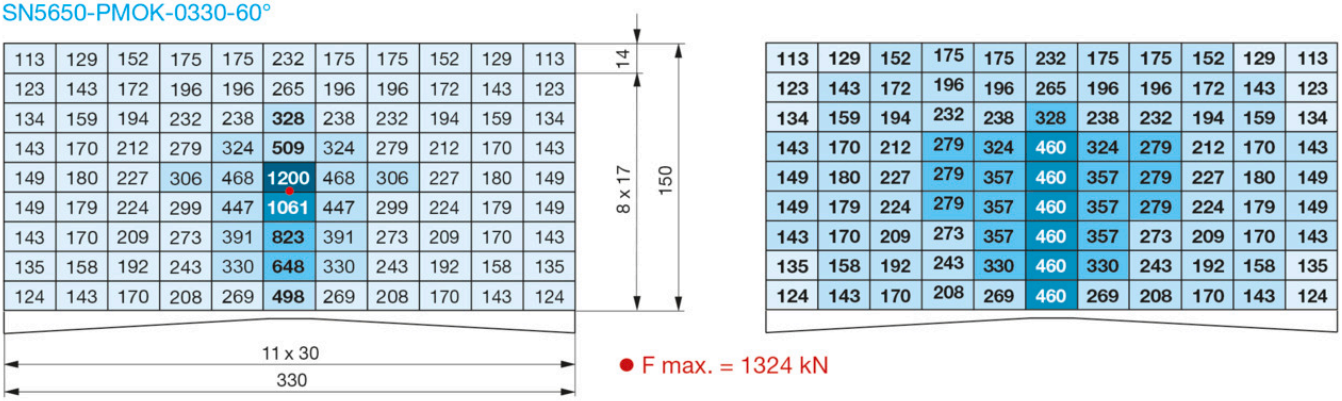


102	120	143	177	229	**338**	229	177	143	120	102
109	131	159	203	271	**431**	271	203	159	131	109
117	143	177	233	**324**	**674**	**324**	233	177	143	117
123	152	191	257	**373**	**869**	**373**	257	191	152	123
128	159	203	279	**421**	**1134**	**421**	279	203	159	128
130	161	204	279	**417**	**1072**	**417**	279	204	161	130
125	153	192	257	**370**	**835**	**370**	257	192	153	125
120	145	179	234	**322**	**675**	**322**	234	179	145	120
112	134	163	206	272	**532**	272	206	163	134	112

102	120	143	177	229	**338**	229	177	143	120	102
109	131	159	203	271	**348**	271	203	159	131	109
117	143	177	217	271	**348**	271	217	177	143	117
123	150	177	217	271	**348**	271	217	177	150	123
128	150	177	217	271	**348**	271	217	177	150	128
130	150	177	217	271	**348**	271	217	177	150	130
125	150	177	217	271	**348**	271	217	177	150	125
120	145	177	217	271	**348**	271	217	177	145	120
112	134	163	206	272	**348**	272	206	163	134	112

● F max. = 1292 kN

SN5650-PMOK-0330-60°

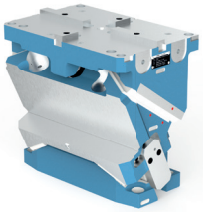


113	129	152	175	175	232	175	175	152	129	113
123	143	172	196	196	265	196	196	172	143	123
134	159	194	232	238	**328**	238	232	194	159	134
143	170	212	279	324	**509**	324	279	212	170	143
149	180	227	306	468	**1200**	468	306	227	180	149
149	179	224	299	447	**1061**	447	299	224	179	149
143	170	209	273	391	**823**	391	273	209	170	143
135	158	192	243	330	**648**	330	243	192	158	135
124	143	170	208	269	**498**	269	208	170	143	124

113	129	152	175	175	232	175	175	152	129	113
123	143	172	196	196	265	196	196	172	143	123
134	159	194	232	238	**328**	238	232	194	159	134
143	170	212	279	324	**460**	324	279	212	170	143
149	180	227	279	357	**460**	357	279	227	180	149
149	179	224	279	357	**460**	357	279	224	179	149
143	170	209	273	357	**460**	357	273	209	170	143
135	158	192	243	330	**460**	330	243	192	158	135
124	143	170	208	269	**460**	269	208	170	143	124

● F max. = 1324 kN

D 1801D 06.2022

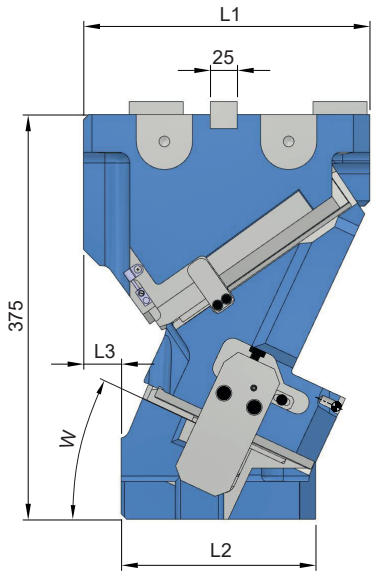


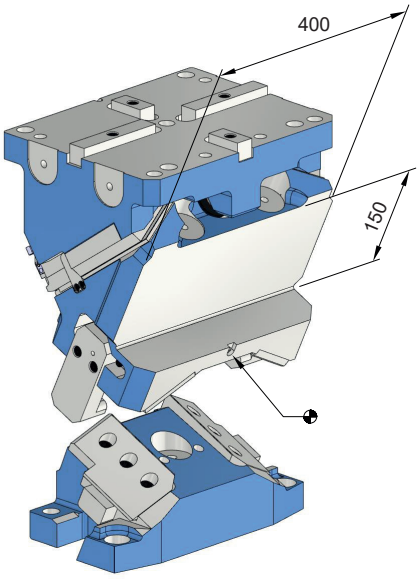
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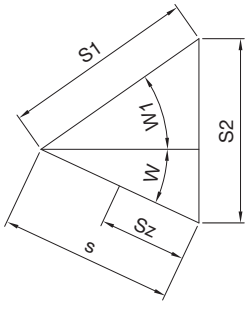
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	400 x 150 mm
Schieberbreite max.	*Cam unit width max.*	400 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1017 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



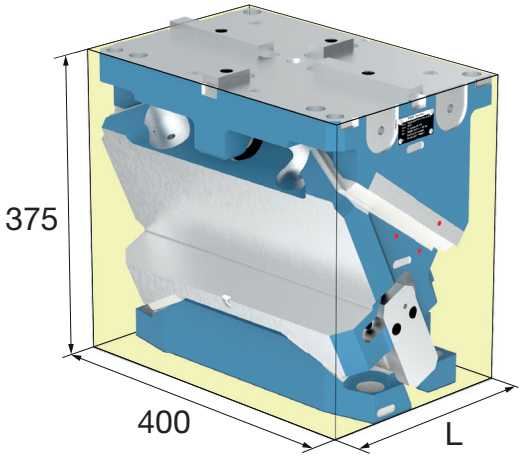
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOK-0400-

Oben hängender Kompakt-Normschieber

Compact aerial cam unit



E0



E1



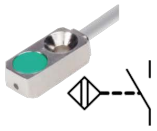
G0



S0



S1

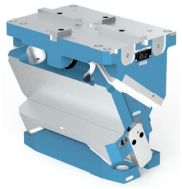


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

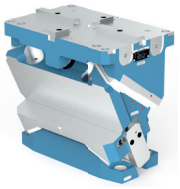
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E0-G0-S0-V04
0°	E0	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E0-G0-S1-V04
0°	E0	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E0-G1-S0-V04
0°	E0	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E0-G1-S1-V04
0°	E1	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E1-G0-S0-V04
0°	E1	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E1-G0-S1-V04
0°	E1	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E1-G1-S0-V04
0°	E1	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOK-0400-00-E1-G1-S1-V04
5°	E0	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E0-G0-S0-V04
5°	E0	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E0-G0-S1-V04
5°	E0	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E0-G1-S0-V04
5°	E0	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E0-G1-S1-V04
5°	E1	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E1-G0-S0-V04
5°	E1	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E1-G0-S1-V04
5°	E1	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E1-G1-S0-V04
5°	E1	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOK-0400-05-E1-G1-S1-V04
10°	E0	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E0-G0-S0-V04
10°	E0	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E0-G0-S1-V04
10°	E0	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E0-G1-S0-V04
10°	E0	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E0-G1-S1-V04
10°	E1	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E1-G0-S0-V04
10°	E1	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E1-G0-S1-V04
10°	E1	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E1-G1-S0-V04
10°	E1	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOK-0400-10-E1-G1-S1-V04
15°	E0	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E0-G0-S0-V04
15°	E0	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E0-G0-S1-V04
15°	E0	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E0-G1-S0-V04
15°	E0	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E0-G1-S1-V04
15°	E1	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E1-G0-S0-V04
15°	E1	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E1-G0-S1-V04
15°	E1	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E1-G1-S0-V04
15°	E1	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOK-0400-15-E1-G1-S1-V04
20°	E0	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E0-G0-S0-V04
20°	E0	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E0-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E0-G1-S0-V04
20°	E0	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E0-G1-S1-V04
20°	E1	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E1-G0-S0-V04
20°	E1	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E1-G0-S1-V04
20°	E1	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E1-G1-S0-V04
20°	E1	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOK-0400-20-E1-G1-S1-V04
25°	E0	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E0-G0-S0-V04
25°	E0	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E0-G0-S1-V04
25°	E0	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E0-G1-S0-V04
25°	E0	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E0-G1-S1-V04
25°	E1	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E1-G0-S0-V04
25°	E1	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E1-G0-S1-V04
25°	E1	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E1-G1-S0-V04
25°	E1	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOK-0400-25-E1-G1-S1-V04
30°	E0	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E0-G0-S0-V04
30°	E0	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E0-G0-S1-V04
30°	E0	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E0-G1-S0-V04
30°	E0	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E0-G1-S1-V04
30°	E1	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E1-G0-S0-V04
30°	E1	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E1-G0-S1-V04
30°	E1	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E1-G1-S0-V04
30°	E1	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOK-0400-30-E1-G1-S1-V04
35°	E0	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E0-G0-S0-V04
35°	E0	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E0-G0-S1-V04
35°	E0	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E0-G1-S0-V04
35°	E0	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E0-G1-S1-V04
35°	E1	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E1-G0-S0-V04
35°	E1	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E1-G0-S1-V04
35°	E1	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E1-G1-S0-V04
35°	E1	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOK-0400-35-E1-G1-S1-V04
40°	E0	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E0-G0-S0-V04
40°	E0	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E0-G0-S1-V04
40°	E0	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E0-G1-S0-V04
40°	E0	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E0-G1-S1-V04
40°	E1	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E1-G0-S0-V04
40°	E1	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E1-G0-S1-V04
40°	E1	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E1-G1-S0-V04
40°	E1	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOK-0400-40-E1-G1-S1-V04
45°	E0	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E0-G0-S0-V04
45°	E0	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E0-G0-S1-V04
45°	E0	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E0-G1-S0-V04
45°	E0	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E0-G1-S1-V04
45°	E1	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E1-G0-S0-V04
45°	E1	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E1-G0-S1-V04
45°	E1	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E1-G1-S0-V04
45°	E1	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOK-0400-45-E1-G1-S1-V04
50°	E0	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E0-G0-S0-V04
50°	E0	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E0-G0-S1-V04
50°	E0	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E0-G1-S0-V04
50°	E0	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E0-G1-S1-V04
50°	E1	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E1-G0-S0-V04
50°	E1	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E1-G0-S1-V04
50°	E1	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E1-G1-S0-V04
50°	E1	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOK-0400-50-E1-G1-S1-V04
55°	E0	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E0-G0-S0-V04

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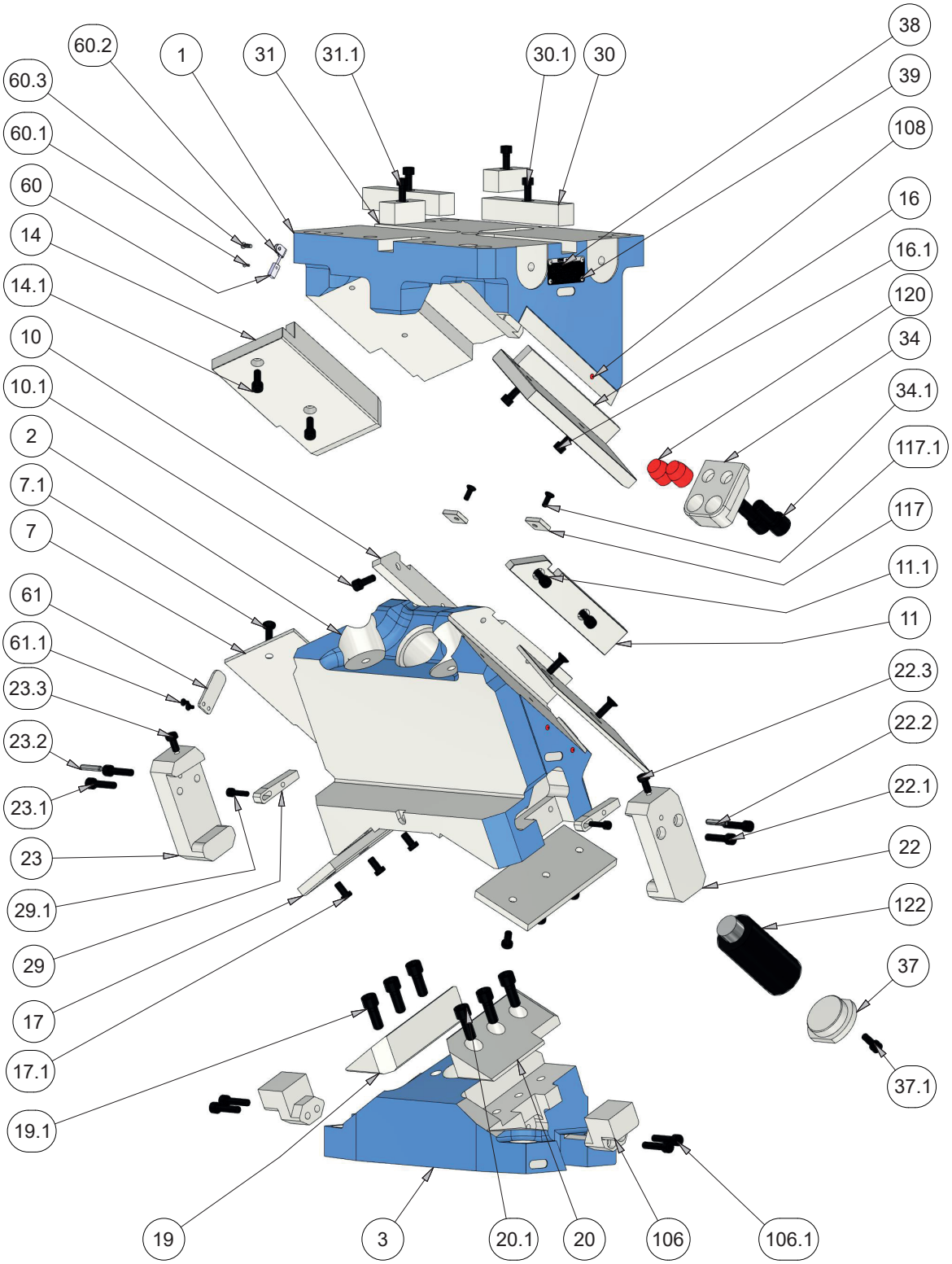


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E0-G0-S1-V04
55°	E0	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E0-G1-S0-V04
55°	E0	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E0-G1-S1-V04
55°	E1	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E1-G0-S0-V04
55°	E1	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E1-G0-S1-V04
55°	E1	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E1-G1-S0-V04
55°	E1	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOK-0400-55-E1-G1-S1-V04
60°	E0	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E0-G0-S0-V04
60°	E0	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E0-G0-S1-V04
60°	E0	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E0-G1-S0-V04
60°	E0	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E0-G1-S1-V04
60°	E1	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E1-G0-S0-V04
60°	E1	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E1-G0-S1-V04
60°	E1	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E1-G1-S0-V04
60°	E1	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOK-0400-60-E1-G1-S1-V04
65°	E0	G0	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E0-G0-S0-V04
65°	E0	G0	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E0-G0-S1-V04
65°	E0	G1	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E0-G1-S0-V04
65°	E0	G1	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E0-G1-S1-V04
65°	E1	G0	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E1-G0-S0-V04
65°	E1	G0	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E1-G0-S1-V04
65°	E1	G1	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E1-G1-S0-V04
65°	E1	G1	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOK-0400-65-E1-G1-S1-V04

SN5650-PMOK-0400-

Bauteile

Components

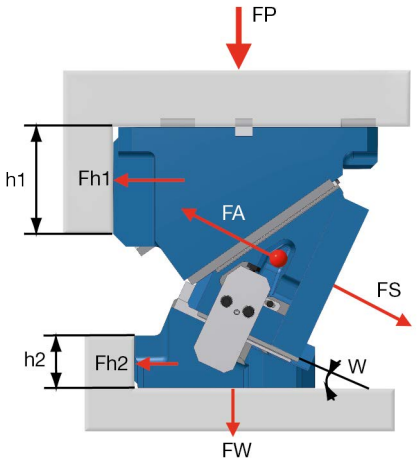


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0400-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1017	961	1017	961	0	150	50	49
05°	1042	989	961	897	73	145	65	53
10°	1067	1018	904	832	147	140	80	56
15°	1102	1055	858	768	202	133	80	58
20°	1137	1093	812	704	256	125	80	58
25°	1168	1126	763	632	290	118	90	58
30°	1198	1160	714	561	324	110	100	58
35°	1224	1188	662	487	335	118	110	58
40°	1249	1217	610	414	347	125	120	58
45°	1271	1241	556	345	338	133	130	54
50°	1292	1266	501	276	329	140	140	53
55°	1308	1285	445	217	301	145	153	51
60°	1324	1304	389	158	273	150	165	48
65°	1339	1317	343	104	222	150	167	67



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOK-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0400-0°

80	105	146	201	301	**721**	301	201	146	105	80	14
82	107	151	211	**320**	**811**	**320**	211	151	107	82	8 x 17
83	110	156	221	**340**	**939**	**340**	221	156	110	83	150
85	112	160	231	**362**	**1116**	**362**	231	160	112	85	
86	114	164	238	**376**	**1235**	**376**	238	164	114	86	
85	112	160	228	**354**	**1024**	**354**	228	160	112	85	
84	110	155	218	**333**	**874**	**333**	218	155	110	84	
82	107	150	208	**313**	**763**	**313**	208	150	107	82	
81	104	145	198	292	**674**	292	198	145	104	81	

2x45 — 7 x 40 — 2x45
460

69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69

● F max. = 1017 kN

SN5650-PMOK-0400-10°

79	101	138	199	283	**659**	283	199	138	101	79	14
81	104	144	210	**306**	**756**	**306**	210	144	104	81	8 x 17
82	107	150	222	**329**	**871**	**329**	222	150	107	82	150
84	110	154	233	**353**	**1025**	**353**	233	154	110	84	
85	112	159	244	**377**	**1246**	**377**	244	159	112	85	
86	113	160	244	**376**	**1198**	**376**	244	160	113	86	
85	111	155	233	**352**	**995**	**352**	233	155	111	85	
83	108	151	223	329	**850**	329	223	151	108	83	
82	106	145	211	305	**740**	305	211	145	106	82	

2x45 — 7 x 40 — 2x45
460

74	87	104	127	151	**186**	151	127	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74

● F max. = 1067 kN

SN5650-PMOK-0400-20°

81	102	135	186	258	**556**	258	186	135	102	81	14
84	106	143	202	**285**	**661**	**285**	202	143	106	84	8 x 17
86	111	151	219	**317**	**788**	**317**	219	151	111	86	150
86	114	158	232	**347**	**921**	**347**	232	158	114	86	
86	117	163	244	**374**	**1096**	**374**	244	163	117	86	
86	120	168	256	**403**	**1351**	**403**	256	168	120	86	
86	120	168	255	**395**	**1239**	**395**	255	168	120	86	
86	118	163	243	367	**1023**	367	243	163	118	86	
86	115	158	231	340	**871**	340	231	158	115	86	

2x45 — 7 x 40 — 2x45
460

78	93	113	141	176	**222**	176	141	113	93	78
78	93	113	141	175	**222**	175	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78

● F max. = 1137 kN

SN5650-PMOK-0400-30°

87	108	142	190	265	**555**	265	190	142	108	87	14
90	114	151	208	**299**	**671**	**299**	208	151	114	90	8 x 17
90	120	162	228	**339**	**820**	**339**	228	162	120	90	150
90	124	170	245	**376**	**978**	**376**	245	170	124	90	
90	128	176	258	**408**	**1177**	**408**	258	176	128	90	
90	131	182	271	**443**	**1477**	**443**	271	182	131	90	
90	131	181	265	**423**	**1250**	**423**	265	181	131	90	
90	128	175	252	391	**1031**	391	252	175	128	90	
90	124	168	238	357	**868**	357	238	168	124	90	

2x45 — 7 x 40 — 2x45
460

87	105	128	161	210	**268**	210	161	128	105	87
89	105	128	161	208	**268**	208	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89

● F max. = 1198 kN

D 1801D 06.2022

SN5650-PMOK-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0400-40°

97	120	155	202	284	**582**	284	202	155	120	97	14
98	128	168	224	**327**	**717**	**327**	224	168	128	98	
98	135	181	248	**376**	**889**	**376**	248	181	135	98	
98	140	191	266	**421**	**1083**	**421**	266	191	140	98	
98	141	198	281	**459**	**1332**	**459**	281	198	141	98	8 x 17
98	141	204	291	**483**	**1484**	**483**	291	204	141	98	
98	141	197	277	**443**	**1185**	**443**	277	197	141	98	
98	140	189	261	404	**977**	404	261	189	140	98	
98	135	179	242	358	**801**	358	242	179	135	98	150

2x45 — 7 x 40 — 2x45
460

97	119	145	184	251	**329**	251	184	145	119	97
100	119	145	184	249	**329**	249	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100

● F max. = 1249 kN

SN5650-PMOK-0400-50°

109	133	167	209	281	**563**	281	209	167	133	109	14
112	143	182	235	**329**	**704**	**329**	235	182	143	112	
112	154	200	265	**391**	**895**	**391**	265	200	154	112	
112	158	214	289	**445**	**1117**	**445**	289	214	158	112	
112	158	224	307	**490**	**1394**	**490**	307	224	158	112	8 x 17
112	158	229	316	**509**	**1502**	**509**	316	229	158	112	
112	158	220	299	**465**	**1196**	**465**	299	220	158	112	
112	158	209	279	416	**962**	416	279	209	158	112	
112	152	194	252	358	**768**	358	252	194	152	112	150

2x45 — 7 x 40 — 2x45
460

109	133	167	209	281	**414**	281	209	167	133	109
115	143	175	222	303	**414**	303	222	175	143	115
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120

● F max. = 1292 kN

SN5650-PMOK-0400-60°

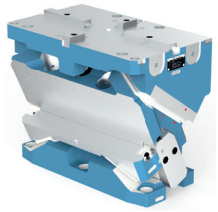
127	152	181	222	285	**552**	285	222	181	152	127	14
136	166	201	252	**337**	**698**	**337**	252	201	166	136	
144	181	225	290	**409**	**827**	**409**	290	225	181	144	
144	193	243	322	**474**	**1160**	**474**	322	243	193	144	
144	201	257	345	**528**	**1483**	**528**	345	257	201	144	8 x 17
144	202	259	349	**531**	**1473**	**531**	349	259	202	144	
144	196	247	326	**479**	**1157**	**479**	326	247	196	144	
144	186	230	296	416	**908**	416	296	230	186	144	
141	171	208	260	347	**704**	347	260	208	171	141	150

2x45 — 7 x 40 — 2x45
460

127	152	181	222	285	**547**	285	222	181	152	127
136	166	201	252	337	**547**	337	252	201	166	136
146	181	225	287	388	**547**	388	287	225	181	146
154	186	227	287	388	**547**	388	287	227	186	154
156	186	227	287	388	**547**	388	287	227	186	156
156	186	227	287	388	**547**	388	287	227	186	156
156	186	227	287	388	**547**	388	287	227	186	156
150	186	227	287	388	**547**	388	287	227	186	150
141	171	208	260	347	**547**	347	260	208	171	141

● F max. = 1324 kN

D 1801D 06.2022

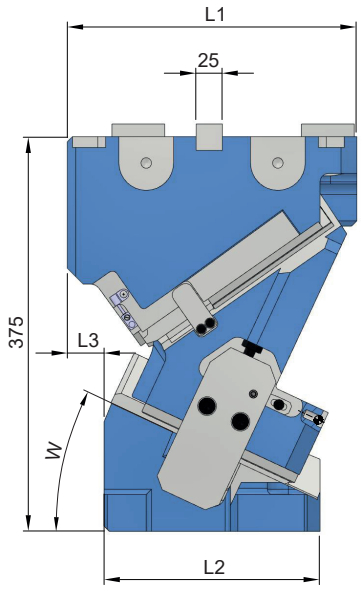


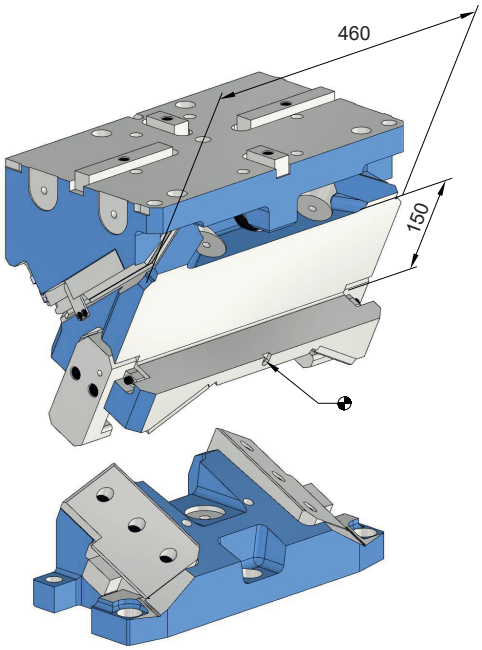
SN5650-PMOK-0460-

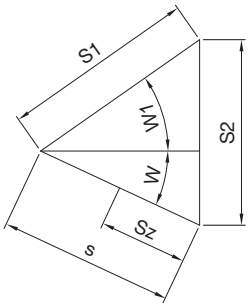
Oben hängender Kompakt-Normschieber

Compact aerial cam unit

Arbeitsfläche	*Working area*	460 x 150 mm
Schieberbreite max.	*Cam unit width max.*	460 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1301 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together

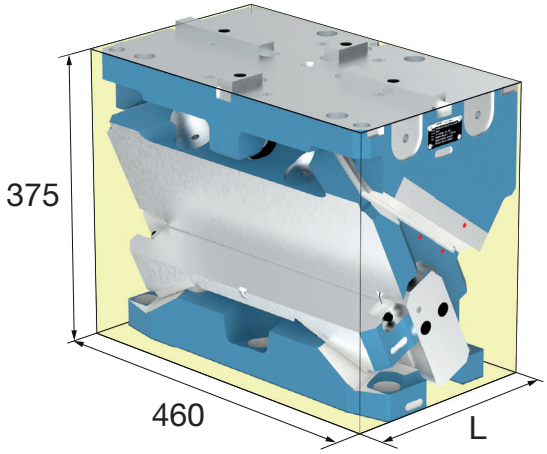


Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOK-0460-

Oben hängender Kompakt-Normschieber



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



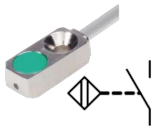
G0



S0



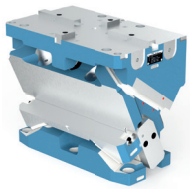
S1



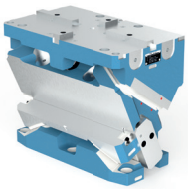
W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E0-G0-S0-V04
0°	E0	G0	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E0-G0-S1-V04
0°	E0	G1	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E0-G1-S0-V04
0°	E0	G1	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E0-G1-S1-V04
0°	E1	G0	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E1-G0-S0-V04
0°	E1	G0	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E1-G0-S1-V04
0°	E1	G1	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E1-G1-S0-V04
0°	E1	G1	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOK-0460-00-E1-G1-S1-V04
5°	E0	G0	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E0-G0-S0-V04
5°	E0	G0	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E0-G0-S1-V04
5°	E0	G1	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E0-G1-S0-V04
5°	E0	G1	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E0-G1-S1-V04
5°	E1	G0	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E1-G0-S0-V04
5°	E1	G0	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E1-G0-S1-V04
5°	E1	G1	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E1-G1-S0-V04
5°	E1	G1	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOK-0460-05-E1-G1-S1-V04
10°	E0	G0	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E0-G0-S0-V04
10°	E0	G0	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E0-G0-S1-V04
10°	E0	G1	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E0-G1-S0-V04
10°	E0	G1	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E0-G1-S1-V04
10°	E1	G0	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E1-G0-S0-V04
10°	E1	G0	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E1-G0-S1-V04
10°	E1	G1	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E1-G1-S0-V04
10°	E1	G1	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOK-0460-10-E1-G1-S1-V04
15°	E0	G0	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E0-G0-S0-V04
15°	E0	G0	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E0-G0-S1-V04
15°	E0	G1	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E0-G1-S0-V04
15°	E0	G1	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E0-G1-S1-V04
15°	E1	G0	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E1-G0-S0-V04
15°	E1	G0	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E1-G0-S1-V04
15°	E1	G1	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E1-G1-S0-V04
15°	E1	G1	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOK-0460-15-E1-G1-S1-V04
20°	E0	G0	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E0-G0-S0-V04
20°	E0	G0	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E0-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G1	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E0-G1-S0-V04
20°	E0	G1	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E0-G1-S1-V04
20°	E1	G0	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E1-G0-S0-V04
20°	E1	G0	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E1-G0-S1-V04
20°	E1	G1	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E1-G1-S0-V04
20°	E1	G1	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOK-0460-20-E1-G1-S1-V04
25°	E0	G0	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E0-G0-S0-V04
25°	E0	G0	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E0-G0-S1-V04
25°	E0	G1	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E0-G1-S0-V04
25°	E0	G1	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E0-G1-S1-V04
25°	E1	G0	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E1-G0-S0-V04
25°	E1	G0	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E1-G0-S1-V04
25°	E1	G1	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E1-G1-S0-V04
25°	E1	G1	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOK-0460-25-E1-G1-S1-V04
30°	E0	G0	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E0-G0-S0-V04
30°	E0	G0	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E0-G0-S1-V04
30°	E0	G1	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E0-G1-S0-V04
30°	E0	G1	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E0-G1-S1-V04
30°	E1	G0	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E1-G0-S0-V04
30°	E1	G0	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E1-G0-S1-V04
30°	E1	G1	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E1-G1-S0-V04
30°	E1	G1	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOK-0460-30-E1-G1-S1-V04
35°	E0	G0	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E0-G0-S0-V04
35°	E0	G0	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E0-G0-S1-V04
35°	E0	G1	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E0-G1-S0-V04
35°	E0	G1	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E0-G1-S1-V04
35°	E1	G0	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E1-G0-S0-V04
35°	E1	G0	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E1-G0-S1-V04
35°	E1	G1	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E1-G1-S0-V04
35°	E1	G1	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOK-0460-35-E1-G1-S1-V04
40°	E0	G0	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E0-G0-S0-V04
40°	E0	G0	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E0-G0-S1-V04
40°	E0	G1	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E0-G1-S0-V04
40°	E0	G1	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E0-G1-S1-V04
40°	E1	G0	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E1-G0-S0-V04
40°	E1	G0	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E1-G0-S1-V04
40°	E1	G1	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E1-G1-S0-V04
40°	E1	G1	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOK-0460-40-E1-G1-S1-V04
45°	E0	G0	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E0-G0-S0-V04
45°	E0	G0	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E0-G0-S1-V04
45°	E0	G1	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E0-G1-S0-V04
45°	E0	G1	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E0-G1-S1-V04
45°	E1	G0	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E1-G0-S0-V04
45°	E1	G0	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E1-G0-S1-V04
45°	E1	G1	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E1-G1-S0-V04
45°	E1	G1	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOK-0460-45-E1-G1-S1-V04
50°	E0	G0	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E0-G0-S0-V04
50°	E0	G0	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E0-G0-S1-V04
50°	E0	G1	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E0-G1-S0-V04
50°	E0	G1	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E0-G1-S1-V04
50°	E1	G0	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E1-G0-S0-V04
50°	E1	G0	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E1-G0-S1-V04
50°	E1	G1	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E1-G1-S0-V04
50°	E1	G1	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOK-0460-50-E1-G1-S1-V04
55°	E0	G0	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E0-G0-S0-V04

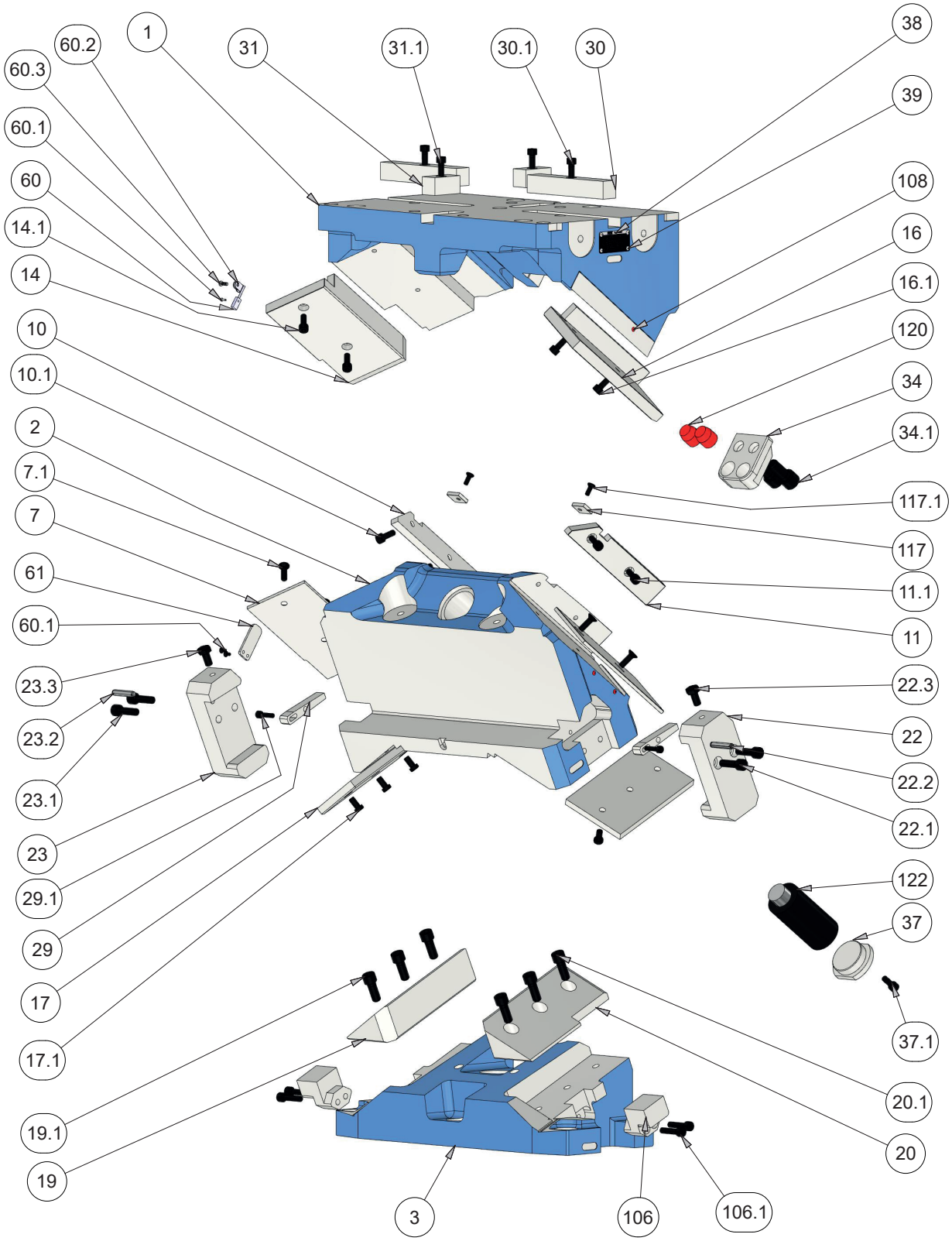


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E0-G0-S1-V04
55°	E0	G1	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E0-G1-S0-V04
55°	E0	G1	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E0-G1-S1-V04
55°	E1	G0	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E1-G0-S0-V04
55°	E1	G0	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E1-G0-S1-V04
55°	E1	G1	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E1-G1-S0-V04
55°	E1	G1	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOK-0460-55-E1-G1-S1-V04
60°	E0	G0	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E0-G0-S0-V04
60°	E0	G0	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E0-G0-S1-V04
60°	E0	G1	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E0-G1-S0-V04
60°	E0	G1	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E0-G1-S1-V04
60°	E1	G0	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E1-G0-S0-V04
60°	E1	G0	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E1-G0-S1-V04
60°	E1	G1	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E1-G1-S0-V04
60°	E1	G1	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOK-0460-60-E1-G1-S1-V04
65°	E0	G0	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E0-G0-S0-V04
65°	E0	G0	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E0-G0-S1-V04
65°	E0	G1	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E0-G1-S0-V04
65°	E0	G1	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E0-G1-S1-V04
65°	E1	G0	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E1-G0-S0-V04
65°	E1	G0	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E1-G0-S1-V04
65°	E1	G1	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E1-G1-S0-V04
65°	E1	G1	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOK-0460-65-E1-G1-S1-V04

SN5650-PMOK-0460-

Bauteile

Components

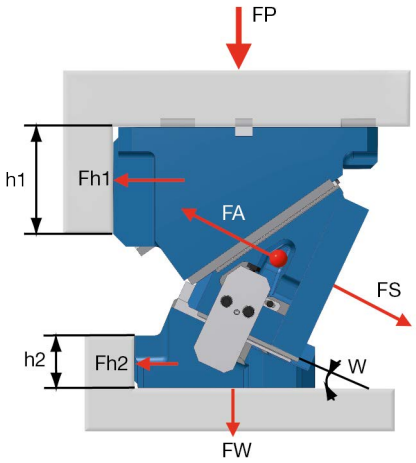


Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOK-0460-

Kraftverteilung
Force Distribution

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1301	1226	1301	1226	0	150	50	66
05°	1363	1270	1257	1151	101	150	50	73
10°	1365	1299	1157	1062	187	140	80	85
15°	1419	1338	1111	971	260	140	80	95
20°	1453	1394	1039	897	326	125	100	99
25°	1501	1429	990	795	371	125	100	99
30°	1531	1480	914	714	412	130	120	99
35°	1572	1510	861	609	426	130	120	99
40°	1597	1553	781	527	442	140	140	92
45°	1631	1580	727	427	427	140	140	92
50°	1651	1616	643	351	418	140	170	78
55°	1677	1637	586	263	376	140	170	77
60°	1692	1665	500	200	346	150	190	70
65°	1711	1682	441	131	282	150	190	68



W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOK-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0460-0°

80	105	146	201	301	**721**	301	201	146	105	80
82	107	151	211	**320**	**811**	**320**	211	151	107	82
83	110	156	221	**340**	**939**	**340**	221	156	110	83
85	112	160	231	**362**	**1116**	**362**	231	160	112	85
86	114	164	238	**376**	**1235**	**376**	238	164	114	86
85	112	160	228	**354**	**1024**	**354**	228	160	112	85
84	110	155	218	**333**	**874**	**333**	218	155	110	84
82	107	150	208	**313**	**763**	**313**	208	150	107	82
81	104	145	198	292	**674**	292	198	145	104	81

14 | 8 x 17 | 150

2x45 | 7 x 40 | 2x45
460

69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69
69	80	95	110	129	**156**	129	110	95	80	69

● F max. = 1301 kN

SN5650-PMOK-0460-10°

79	101	138	199	283	**659**	283	199	138	101	79
81	104	144	210	**306**	**756**	**306**	210	144	104	81
82	107	150	222	**329**	**871**	**329**	222	150	107	82
84	110	154	233	**353**	**1025**	**353**	233	154	110	84
85	112	159	244	**377**	**1246**	**377**	244	159	112	85
86	113	160	244	**376**	**1198**	**376**	244	160	113	86
85	111	155	233	**352**	**995**	**352**	233	155	111	85
83	108	151	223	329	**850**	329	223	151	108	83
82	106	145	211	305	**740**	305	211	145	106	82

14 | 8 x 17 | 150

2x45 | 7 x 40 | 2x45
460

74	87	104	127	151	**186**	151	127	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74
74	87	104	126	150	**186**	150	126	104	87	74

● F max. = 1365 kN

SN5650-PMOK-0460-20°

81	102	135	186	258	**556**	258	186	135	102	81
84	106	143	202	**285**	**661**	**285**	202	143	106	84
86	111	151	219	**317**	**788**	**317**	219	151	111	86
86	114	158	232	**347**	**921**	**347**	232	158	114	86
86	117	163	244	**374**	**1096**	**374**	244	163	117	86
86	120	168	256	**403**	**1351**	**403**	256	168	120	86
86	120	168	255	**395**	**1239**	**395**	255	168	120	86
86	118	163	243	367	**1023**	367	243	163	118	86
86	115	158	231	340	**871**	340	231	158	115	86

14 | 8 x 17 | 150

2x45 | 7 x 40 | 2x45
460

78	93	113	141	176	**222**	176	141	113	93	78
78	93	113	141	175	**222**	175	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78
78	93	113	141	174	**222**	174	141	113	93	78

● F max. = 1453 kN

SN5650-PMOK-0460-30°

87	108	142	190	265	**555**	265	190	142	108	87
90	114	151	208	**299**	**671**	**299**	208	151	114	90
90	120	162	228	**339**	**820**	**339**	228	162	120	90
90	124	170	245	**376**	**978**	**376**	245	170	124	90
90	128	176	258	**408**	**1177**	**408**	258	176	128	90
90	131	182	271	**443**	**1477**	**443**	271	182	131	90
90	131	181	265	**423**	**1250**	**423**	265	181	131	90
90	128	175	252	391	**1031**	391	252	175	128	90
90	124	168	238	357	**868**	357	238	168	124	90

14 | 8 x 17 | 150

2x45 | 7 x 40 | 2x45
460

87	105	128	161	210	**268**	210	161	128	105	87
89	105	128	161	208	**268**	208	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89
89	105	128	161	206	**268**	206	161	128	105	89

● F max. = 1531 kN

D 1801D 06.2022

SN5650-PMOK-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOK-0460-40°

97	120	155	202	284	**582**	284	202	155	120	97
98	128	168	224	**327**	**717**	**327**	224	168	128	98
98	135	181	248	**376**	**889**	**376**	248	181	135	98
98	140	191	266	**421**	**1083**	**421**	266	191	140	98
98	141	198	281	**459**	**1332**	**459**	281	198	141	98
98	141	204	291	**483**	**1484**	**483**	291	204	141	98
98	141	197	277	**443**	**1185**	**443**	277	197	141	98
98	140	189	261	404	**977**	404	261	189	140	98
98	135	179	242	358	**801**	358	242	179	135	98

14 · 8 x 17 · 150

2x45 · 7 x 40 · 2x45 · 460

97	119	145	184	251	**329**	251	184	145	119	97
100	119	145	184	249	**329**	249	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100
100	119	145	184	247	**329**	247	184	145	119	100

● F max. = 1597 kN

SN5650-PMOK-0460-50°

109	133	167	209	281	**563**	281	209	167	133	109
112	143	182	235	**329**	**704**	**329**	235	182	143	112
112	154	200	265	**391**	**895**	**391**	265	200	154	112
112	158	214	289	**445**	**1117**	**445**	289	214	158	112
112	158	224	307	**490**	**1394**	**490**	307	224	158	112
112	158	229	316	**509**	**1502**	**509**	316	229	158	112
112	158	220	299	**465**	**1196**	**465**	299	220	158	112
112	158	209	279	416	**962**	416	279	209	158	112
112	152	194	252	358	**768**	358	252	194	152	112

14 · 8 x 17 · 150

2x45 · 7 x 40 · 2x45 · 460

109	133	167	209	281	**414**	281	209	167	133	109
115	143	175	222	303	**414**	303	222	175	143	115
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120
120	143	175	222	303	**414**	303	222	175	143	120

● F max. = 1651 kN

SN5650-PMOK-0460-60°

127	152	181	222	285	**552**	285	222	181	152	127
136	166	201	252	**337**	**698**	**337**	252	201	166	136
144	181	225	290	**409**	**827**	**409**	290	225	181	144
144	193	243	322	**474**	**1160**	**474**	322	243	193	144
144	201	257	345	**528**	**1483**	**528**	345	257	201	144
144	202	259	349	**531**	**1473**	**531**	349	259	202	144
144	196	247	326	**479**	**1157**	**479**	326	247	196	144
144	186	230	296	416	**908**	416	296	230	186	144
141	171	208	260	347	**704**	347	260	208	171	141

14 · 8 x 17 · 150

2x45 · 7 x 40 · 2x45 · 460

127	152	181	222	285	**547**	285	222	181	152	127
136	166	201	252	337	**547**	337	252	201	166	136
146	181	225	287	388	**547**	388	287	225	181	146
154	186	227	287	388	**547**	388	287	227	186	154
156	186	227	287	388	**547**	388	287	227	186	156
156	186	227	287	388	**547**	388	287	227	186	156
156	186	227	287	388	**547**	388	287	227	186	156
150	186	227	287	388	**547**	388	287	227	186	150
141	171	208	260	347	**547**	347	260	208	171	141

● F max. = 1692 kN

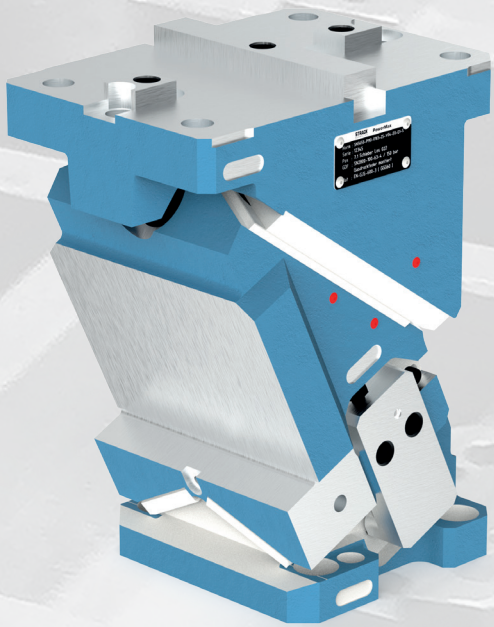
D 1801D 06.2022

THINK TECH STRACK

OBEN HÄNGENDE SCHIEBER

AERIAL CAM UNITS

COULISSEAUX SUSPENDUS

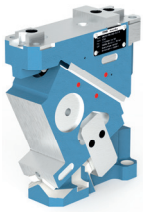


PowerMax® *kompakt light*

that's the future

STRACK®

NORMALIEN

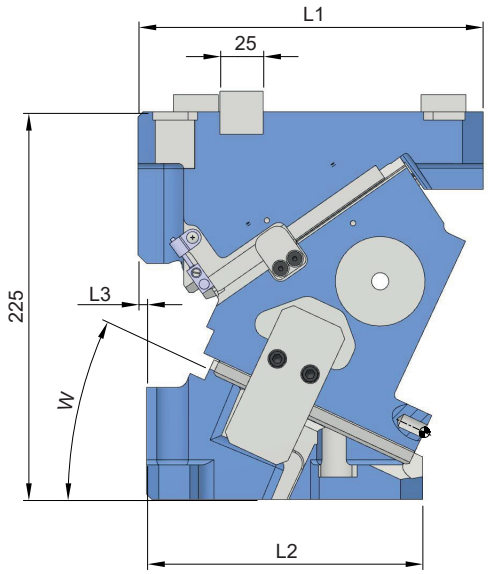


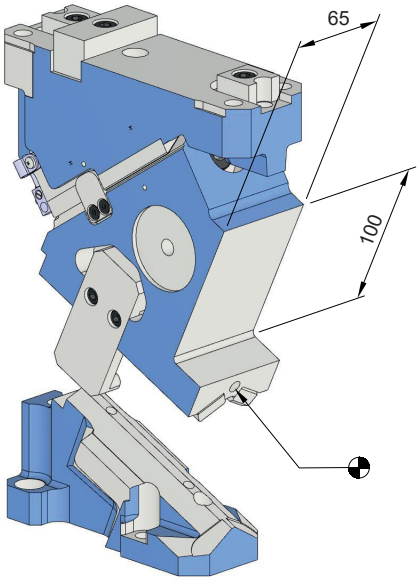
SN5650-PMOKL-0065-

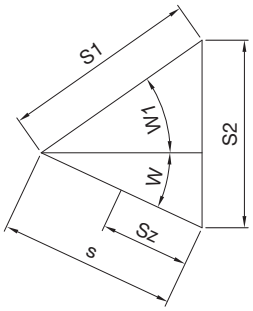
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	65 x 100 mm
Schieberbreite max.	*Cam unit width max.*	65 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 100 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

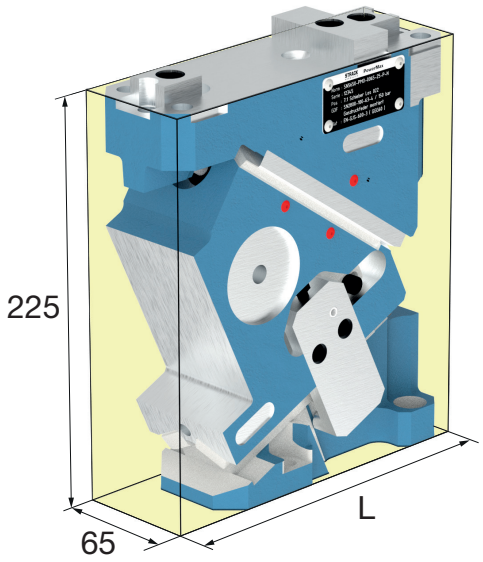
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0065-

Oben hängender Kompakt-L-Schieber

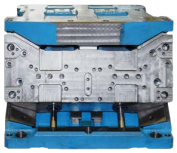
Compact-L aerial standard cam



E0



E1



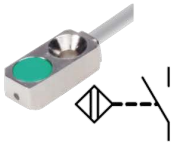
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E0-G0-S0-V04
0°	E0	G0	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E0-G0-S1-V04
0°	E0	G1	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E0-G1-S0-V04
0°	E0	G1	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E0-G1-S1-V04
0°	E1	G0	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E1-G0-S0-V04
0°	E1	G0	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E1-G0-S1-V04
0°	E1	G1	S0	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E1-G1-S0-V04
0°	E1	G1	S1	190	47	28.6	42	30.7	15.4	190	180	10	SN5650-PMOKL-0065-00-E1-G1-S1-V04
5°	E0	G0	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E0-G0-S0-V04
5°	E0	G0	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E0-G0-S1-V04
5°	E0	G1	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E0-G1-S0-V04
5°	E0	G1	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E0-G1-S1-V04
5°	E1	G0	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E1-G0-S0-V04
5°	E1	G0	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E1-G0-S1-V04
5°	E1	G1	S0	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E1-G1-S0-V04
5°	E1	G1	S1	190	45	29.8	42	32.3	15.4	190	180	10	SN5650-PMOKL-0065-05-E1-G1-S1-V04
10°	E0	G0	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E0-G0-S0-V04
10°	E0	G0	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E0-G0-S1-V04
10°	E0	G1	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E0-G1-S0-V04
10°	E0	G1	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E0-G1-S1-V04
10°	E1	G0	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E1-G0-S0-V04
10°	E1	G0	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E1-G0-S1-V04
10°	E1	G1	S0	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E1-G1-S0-V04
10°	E1	G1	S1	190	42	31.7	42	33.6	15.4	190	180	0	SN5650-PMOKL-0065-10-E1-G1-S1-V04
15°	E0	G0	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E0-G0-S0-V04
15°	E0	G0	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E0-G0-S1-V04
15°	E0	G1	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E0-G1-S0-V04
15°	E0	G1	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E0-G1-S1-V04
15°	E1	G0	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E1-G0-S0-V04
15°	E1	G0	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E1-G1-S0-V04
15°	E1	G1	S1	190	40	33.3	42	33.6	17.4	190	180	0	SN5650-PMOKL-0065-15-E1-G1-S1-V04
20°	E0	G0	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E0-G0-S0-V04
20°	E0	G0	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E0-G0-S1-V04
20°	E0	G1	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E0-G1-S0-V04
20°	E0	G1	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E0-G1-S1-V04
20°	E1	G0	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E1-G0-S0-V04
20°	E1	G0	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E1-G0-S1-V04
20°	E1	G1	S0	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E1-G1-S0-V04
20°	E1	G1	S1	200	37	35.7	42	37.5	17.2	200	160	5	SN5650-PMOKL-0065-20-E1-G1-S1-V04
25°	E0	G0	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E0-G0-S0-V04
25°	E0	G0	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E0-G0-S1-V04
25°	E0	G1	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E0-G1-S0-V04
25°	E0	G1	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E0-G1-S1-V04
25°	E1	G0	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E1-G0-S0-V04
25°	E1	G0	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E1-G0-S1-V04
25°	E1	G1	S0	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E1-G1-S0-V04
25°	E1	G1	S1	200	35	38	42	40.1	22.4	200	160	5	SN5650-PMOKL-0065-25-E1-G1-S1-V04
30°	E0	G0	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E0-G0-S0-V04
30°	E0	G0	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E0-G0-S1-V04
30°	E0	G1	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E0-G1-S0-V04
30°	E0	G1	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E0-G1-S1-V04
30°	E1	G0	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E1-G0-S0-V04
30°	E1	G0	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E1-G0-S1-V04
30°	E1	G1	S0	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E1-G1-S0-V04
30°	E1	G1	S1	210	32	41.1	42	42.8	28.4	210	145	0	SN5650-PMOKL-0065-30-E1-G1-S1-V04
35°	E0	G0	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E0-G0-S0-V04
35°	E0	G0	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E0-G0-S1-V04
35°	E0	G1	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E0-G1-S0-V04
35°	E0	G1	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E0-G1-S1-V04
35°	E1	G0	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E1-G0-S0-V04
35°	E1	G0	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E1-G0-S1-V04
35°	E1	G1	S0	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E1-G1-S0-V04
35°	E1	G1	S1	210	30	44.4	42	46.5	31.4	210	145	0	SN5650-PMOKL-0065-35-E1-G1-S1-V04
40°	E0	G0	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E0-G0-S0-V04
40°	E0	G0	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E0-G0-S1-V04
40°	E0	G1	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E0-G1-S0-V04
40°	E0	G1	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E0-G1-S1-V04
40°	E1	G0	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E1-G0-S0-V04
40°	E1	G0	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E1-G0-S1-V04
40°	E1	G1	S0	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E1-G1-S0-V04
40°	E1	G1	S1	210	27	43	37	44.5	28.4	210	135	0	SN5650-PMOKL-0065-40-E1-G1-S1-V04
45°	E0	G0	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E0-G0-S0-V04
45°	E0	G0	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E0-G0-S1-V04
45°	E0	G1	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E0-G1-S0-V04
45°	E0	G1	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E0-G1-S1-V04
45°	E1	G0	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E1-G0-S0-V04
45°	E1	G0	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E1-G0-S1-V04
45°	E1	G1	S0	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E1-G1-S0-V04
45°	E1	G1	S1	210	25	47.4	37	49.2	31.4	210	135	0	SN5650-PMOKL-0065-45-E1-G1-S1-V04
50°	E0	G0	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E0-G0-S0-V04
50°	E0	G0	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E0-G0-S1-V04
50°	E0	G1	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E0-G1-S0-V04
50°	E0	G1	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E0-G1-S1-V04
50°	E1	G0	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E1-G0-S0-V04

D 1801D 06.2022



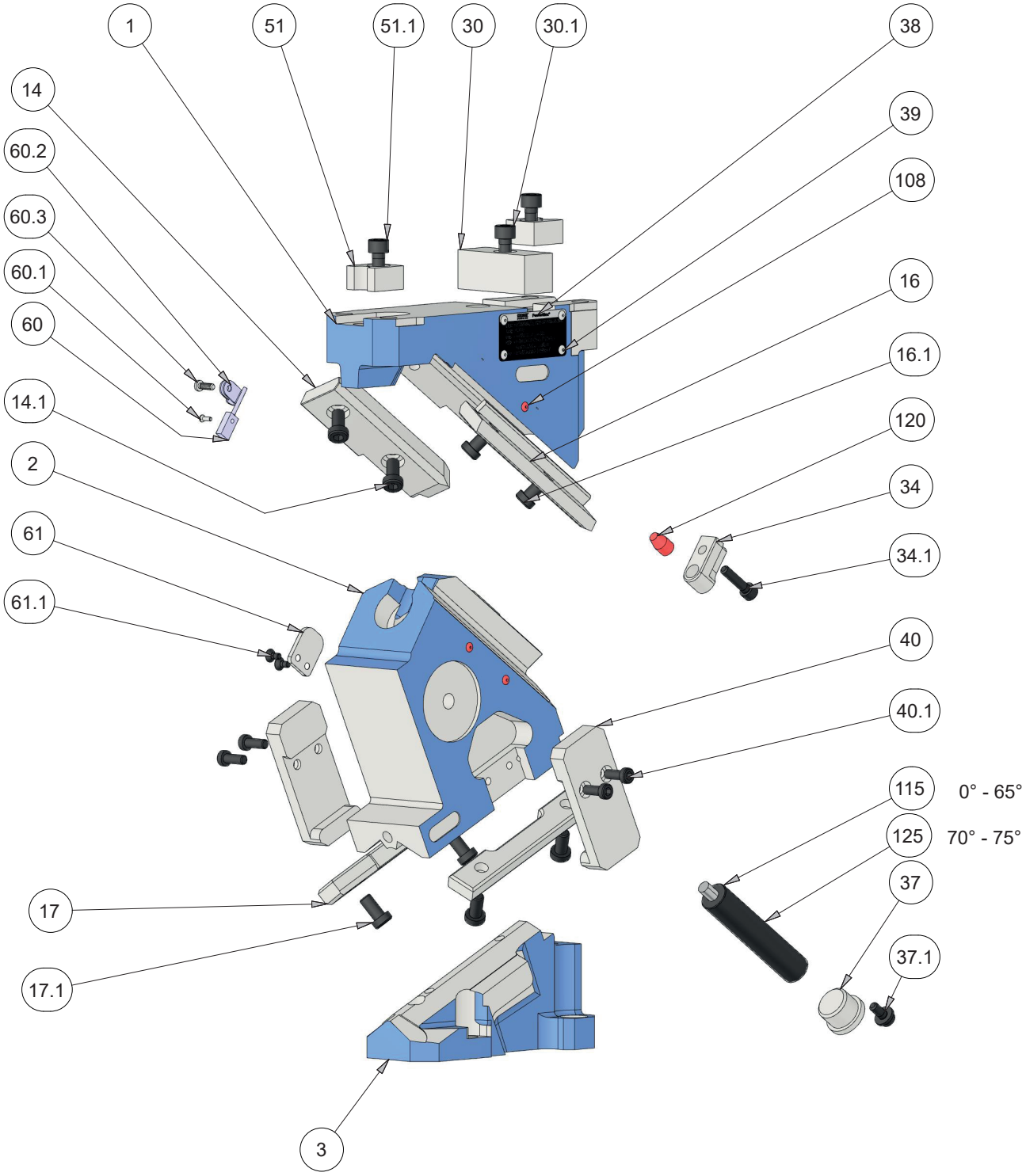
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E1-G0-S1-V04
50°	E1	G1	S0	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E1-G1-S0-V04
50°	E1	G1	S1	210	22	53.4	37	54.8	36.4	205	125	5	SN5650-PMOKL-0065-50-E1-G1-S1-V04
55°	E0	G0	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E0-G0-S0-V04
55°	E0	G0	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E0-G0-S1-V04
55°	E0	G1	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E0-G1-S0-V04
55°	E0	G1	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E0-G1-S1-V04
55°	E1	G0	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E1-G0-S0-V04
55°	E1	G0	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E1-G0-S1-V04
55°	E1	G1	S0	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E1-G1-S0-V04
55°	E1	G1	S1	210	20	60.6	37	62.3	36.4	205	125	5	SN5650-PMOKL-0065-55-E1-G1-S1-V04
60°	E0	G0	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E0-G0-S0-V04
60°	E0	G0	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E0-G0-S1-V04
60°	E0	G1	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E0-G1-S0-V04
60°	E0	G1	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E0-G1-S1-V04
60°	E1	G0	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E1-G0-S0-V04
60°	E1	G0	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E1-G0-S1-V04
60°	E1	G1	S0	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E1-G1-S0-V04
60°	E1	G1	S1	215	17	42.1	22	42.9	26.4	205	105	10	SN5650-PMOKL-0065-60-E1-G1-S1-V04
65°	E0	G0	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E0-G0-S0-V04
65°	E0	G0	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E0-G0-S1-V04
65°	E0	G1	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E0-G1-S0-V04
65°	E0	G1	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E0-G1-S1-V04
65°	E1	G0	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E1-G0-S0-V04
65°	E1	G0	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E1-G0-S1-V04
65°	E1	G1	S0	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E1-G1-S0-V04
65°	E1	G1	S1	215	15	50.3	22	51.3	31.4	205	105	10	SN5650-PMOKL-0065-65-E1-G1-S1-V04
70°	E0	G0	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E0-G0-S0-V04
70°	E0	G0	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E0-G0-S1-V04
70°	E0	G1	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E0-G1-S0-V04
70°	E0	G1	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E0-G1-S1-V04
70°	E1	G0	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E1-G0-S0-V04
70°	E1	G0	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E1-G0-S1-V04
70°	E1	G1	S0	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E1-G1-S0-V04
70°	E1	G1	S1	220	12	34.3	12	34.7	18.4	200	95	20	SN5650-PMOKL-0065-70-E1-G1-S1-V04
75°	E0	G0	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E0-G0-S0-V04
75°	E0	G0	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E0-G0-S1-V04
75°	E0	G1	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E0-G1-S0-V04
75°	E0	G1	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E0-G1-S1-V04
75°	E1	G0	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E1-G0-S0-V04
75°	E1	G0	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E1-G0-S1-V04
75°	E1	G1	S0	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E1-G1-S0-V04
75°	E1	G1	S1	220	10	45.7	12	46.2	31.4	200	88	20	SN5650-PMOKL-0065-75-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMOKL-0065-

Bauteile

Components



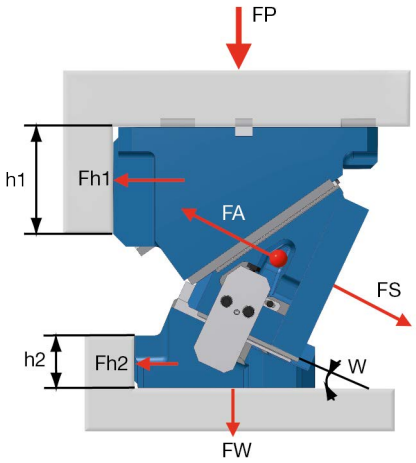
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0065-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	100	94	100	94	0	90	25	14
05°	105	99	96	90	7	83	30	16
10°	109	104	92	85	15	75	35	17
15°	113	108	88	78	21	78	50	16
20°	116	94	83	72	26	80	65	17
25°	119	115	78	64	30	70	73	16
30°	122	118	73	57	33	60	80	18
35°	125	121	68	50	34	58	90	16
40°	128	125	63	42	36	55	100	20
45°	130	127	57	35	35	53	108	17
50°	132	129	51	28	34	50	115	22
55°	134	132	46	22	31	43	115	18
60°	136	134	40	16	28	35	115	22
65°	137	135	35	11	23	35	115	22
70°	138	137	28	7	19	30	120	21
75°	139	138	23	3	13	30	120	21



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	73	69	73	69	0	90	25	14
05°	76	73	70	66	5	83	30	16
10°	80	76	67	62	11	75	35	17
15°	82	79	64	58	15	78	50	16
20°	85	69	60	53	19	80	65	17
25°	87	84	57	47	22	70	73	16
30°	89	86	53	42	24	60	80	18
35°	91	89	49	37	25	58	90	16
40°	93	91	45	31	26	55	100	20
45°	95	93	41	26	25	53	108	17
50°	96	95	37	21	25	50	115	22
55°	98	96	33	16	23	43	115	18
60°	99	98	29	12	21	35	115	22
65°	100	98	25	8	17	35	115	22
70°	101	100	20	5	14	30	120	21
75°	101	101	17	3	9	30	120	21

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

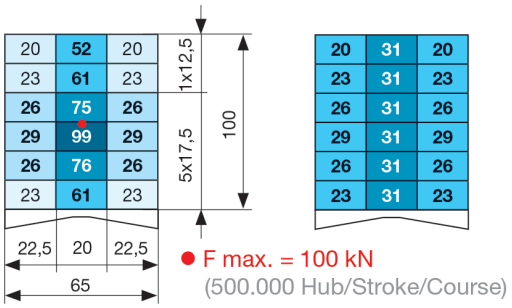
SN5650-PMOKL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

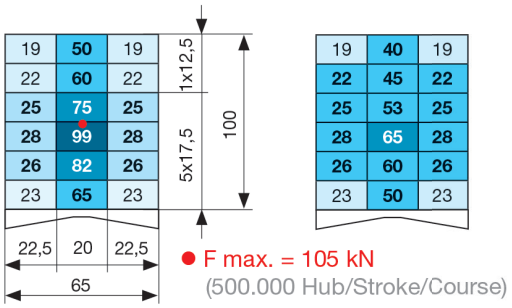
Passfeder
Fitting Key

SN5650-PMOKL-0065-0°



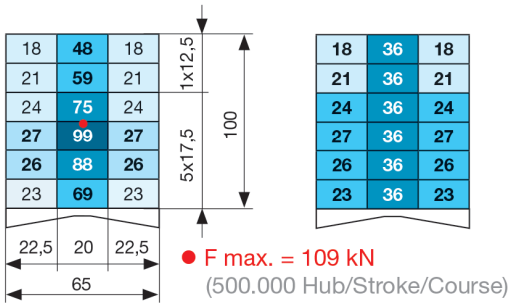
● F max. = 100 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-5°



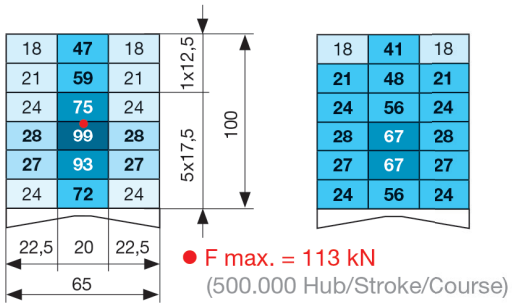
● F max. = 105 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-10°



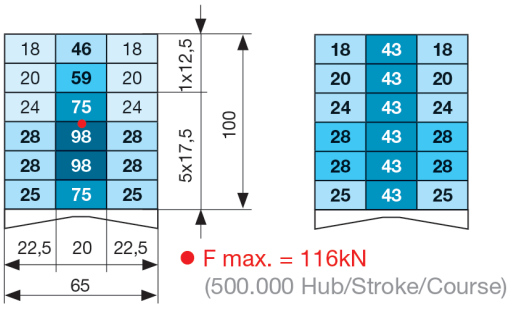
● F max. = 109 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-15°



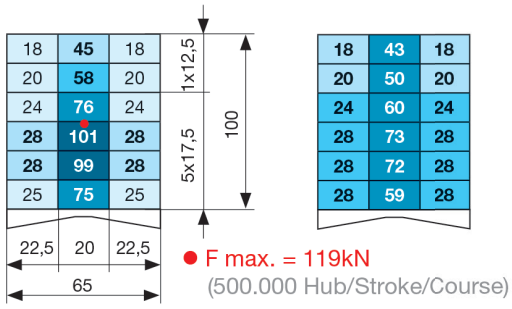
● F max. = 113 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-20°



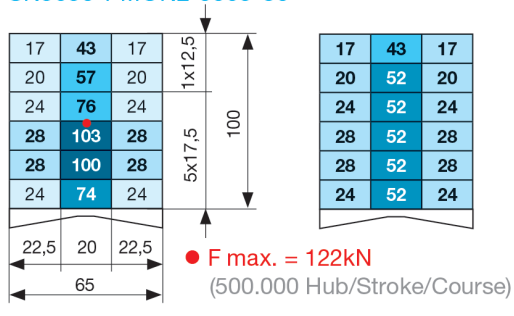
● F max. = 116kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-25°



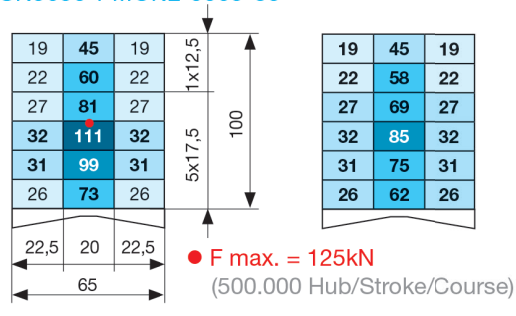
● F max. = 119kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-30°



● F max. = 122kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-35°



● F max. = 125kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

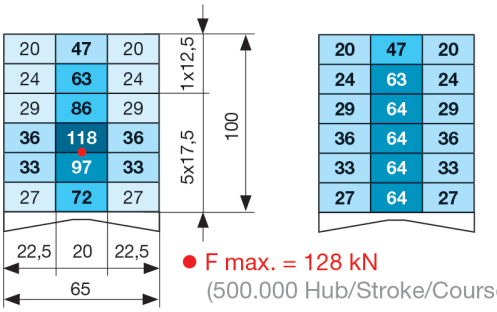
SN5650-PMOKL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

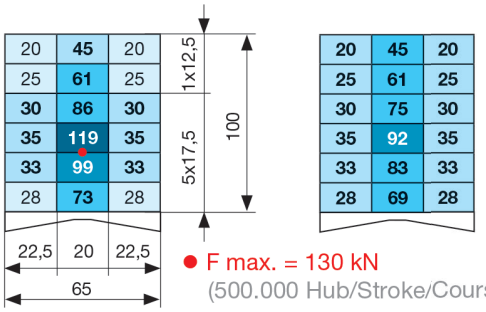
Passfeder
Fitting Key

SN5650-PMOKL-0065-40°



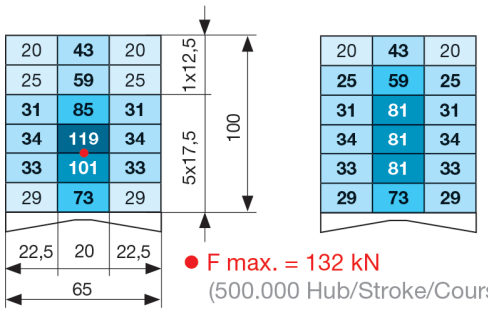
● F max. = 128 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-45°



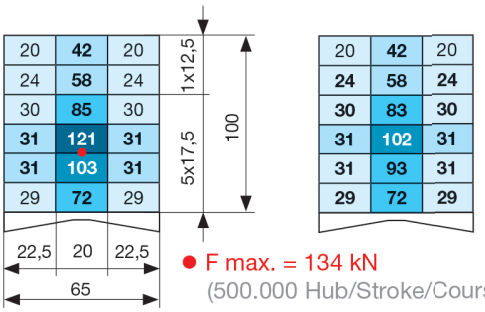
● F max. = 130 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-50°



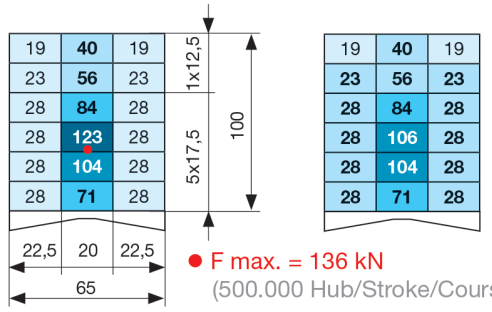
● F max. = 132 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-55°



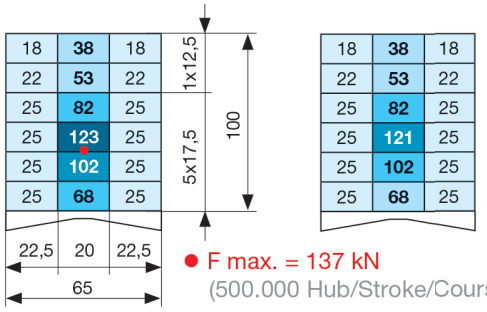
● F max. = 134 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-60°



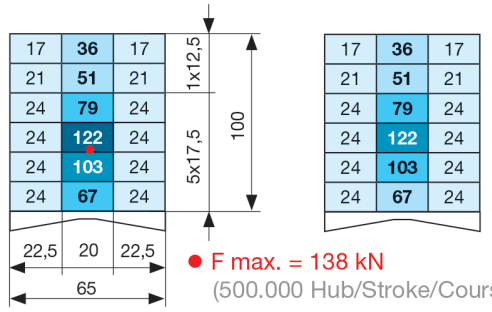
● F max. = 136 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-65°



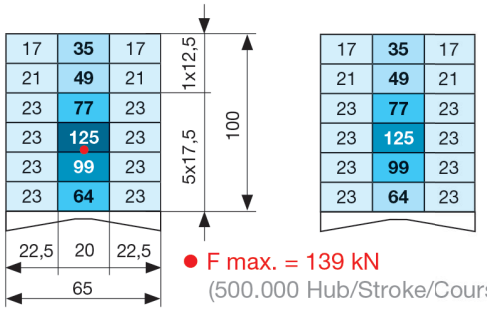
● F max. = 137 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-70°



● F max. = 138 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-75°



● F max. = 139 kN
(500.000 Hub/Stroke/Course)

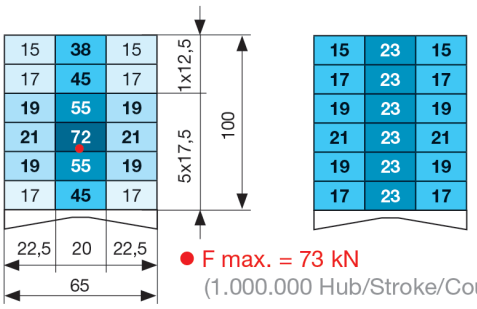
SN5650-PMOKL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

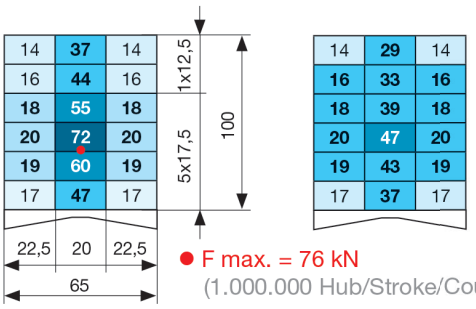
Passfeder
Fitting Key

SN5650-PMOKL-0065-0°



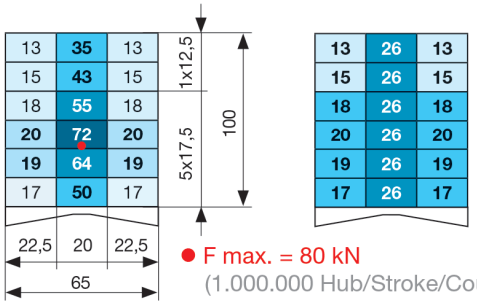
● F max. = 73 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-5°



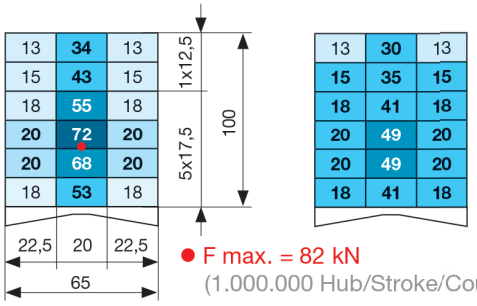
● F max. = 76 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-10°



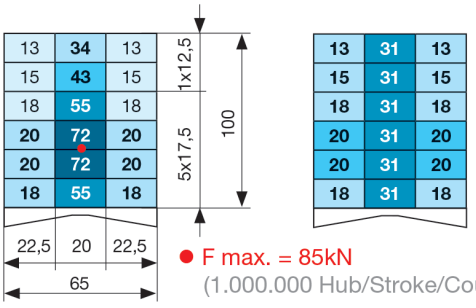
● F max. = 80 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-15°



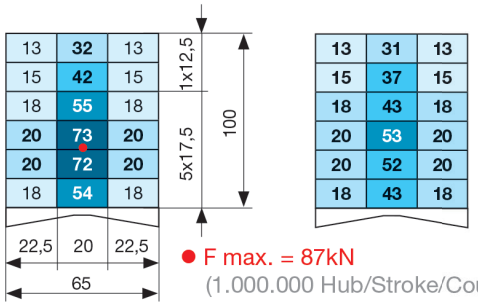
● F max. = 82 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-20°



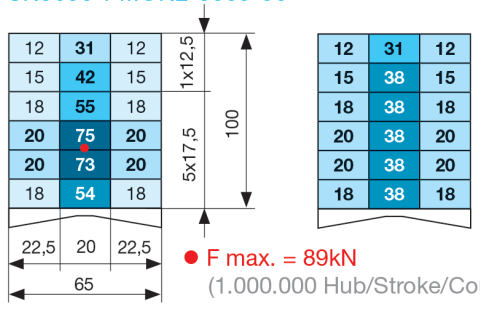
● F max. = 85kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-25°



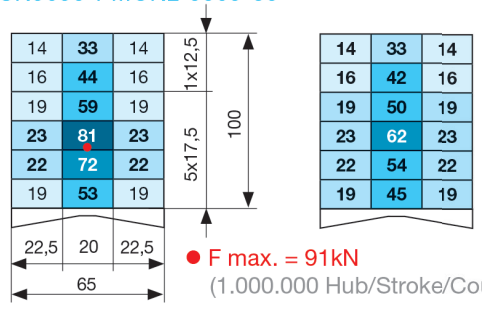
● F max. = 87kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-30°



● F max. = 89kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-35°



● F max. = 91kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

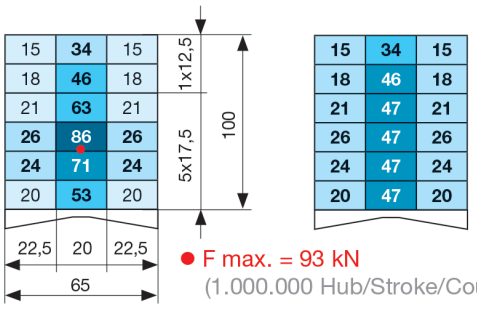
SN5650-PMOKL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

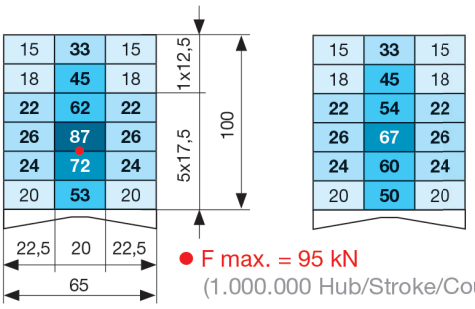
Passfeder
Fitting Key

SN5650-PMOKL-0065-40°



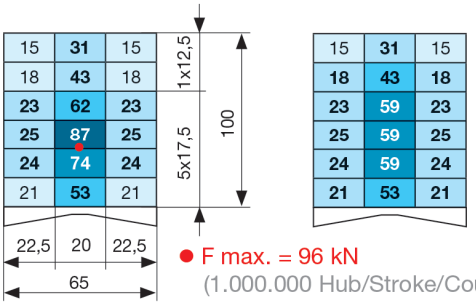
● F max. = 93 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-45°



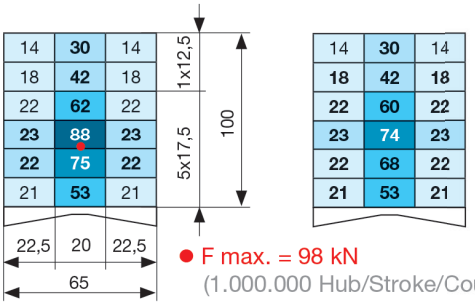
● F max. = 95 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-50°



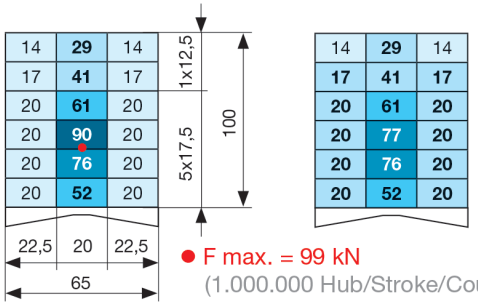
● F max. = 96 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-55°



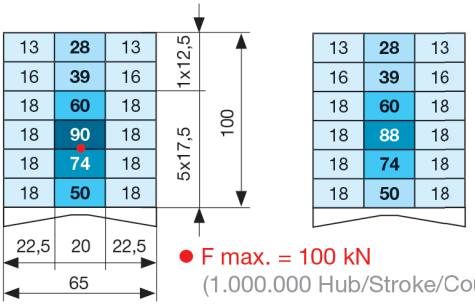
● F max. = 98 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-60°



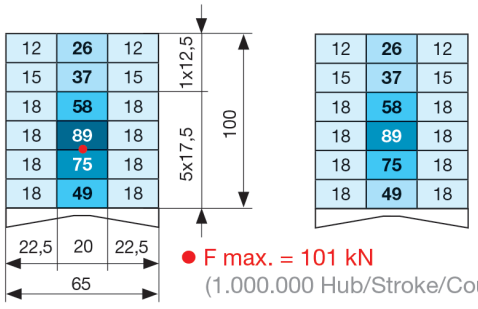
● F max. = 99 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-65°



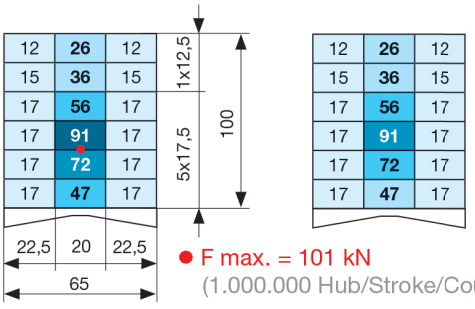
● F max. = 100 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-70°

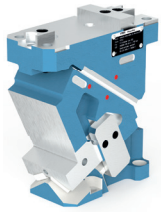


● F max. = 101 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0065-75°



● F max. = 101 kN
(1.000.000 Hub/Stroke/Course)

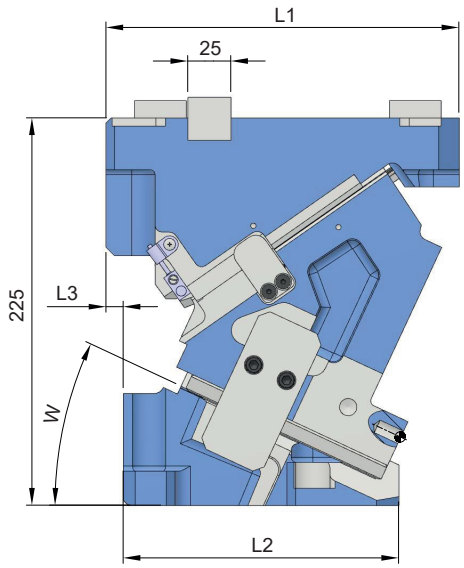


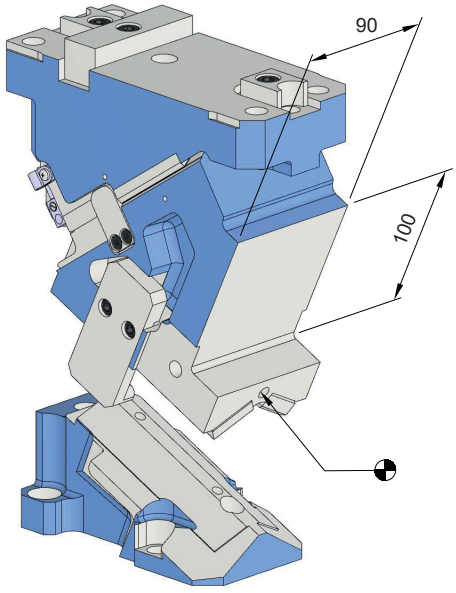
SN5650-PMOKL-0090-

Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	90 x 100 mm
Schieberbreite max.	*Cam unit width max.*	90 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 130 kN





Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



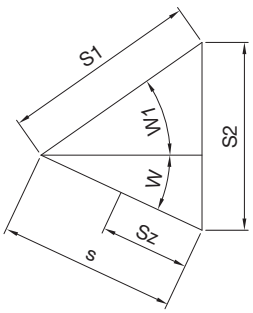
Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

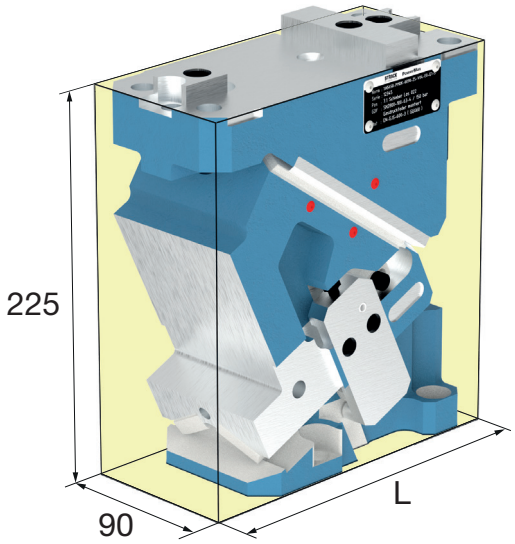


Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0090-

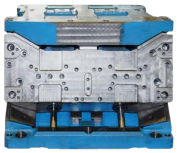
Oben hängender Kompakt-L-Schieber



E0



E1



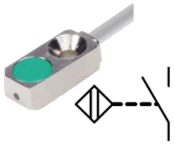
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

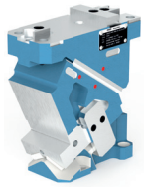
W = Schieberwinkel

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

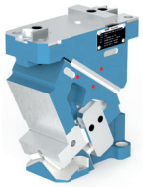
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E0-G0-S0-V04
0°	E0	G0	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E0-G0-S1-V04
0°	E0	G1	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E0-G1-S0-V04
0°	E0	G1	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E0-G1-S1-V04
0°	E1	G0	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E1-G0-S0-V04
0°	E1	G0	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E1-G0-S1-V04
0°	E1	G1	S0	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E1-G1-S0-V04
0°	E1	G1	S1	190	47	28.6	42	30.7	17.2	190	179	10	SN5650-PMOKL-0090-00-E1-G1-S1-V04
5°	E0	G0	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E0-G0-S0-V04
5°	E0	G0	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E0-G0-S1-V04
5°	E0	G1	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E0-G1-S0-V04
5°	E0	G1	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E0-G1-S1-V04
5°	E1	G0	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E1-G0-S0-V04
5°	E1	G0	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E1-G0-S1-V04
5°	E1	G1	S0	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E1-G1-S0-V04
5°	E1	G1	S1	190	45	29.8	42	32.3	17.2	190	179	10	SN5650-PMOKL-0090-05-E1-G1-S1-V04
10°	E0	G0	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E0-G0-S0-V04
10°	E0	G0	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E0-G0-S1-V04
10°	E0	G1	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E0-G1-S0-V04
10°	E0	G1	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E0-G1-S1-V04
10°	E1	G0	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E1-G0-S0-V04
10°	E1	G0	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E1-G0-S1-V04
10°	E1	G1	S0	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E1-G1-S0-V04
10°	E1	G1	S1	190	42	31.7	42	33.6	17.2	190	180	0	SN5650-PMOKL-0090-10-E1-G1-S1-V04
15°	E0	G0	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E0-G0-S0-V04
15°	E0	G0	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E0-G0-S1-V04
15°	E0	G1	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E0-G1-S0-V04
15°	E0	G1	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E0-G1-S1-V04
15°	E1	G0	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E1-G0-S0-V04
15°	E1	G0	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E1-G0-S1-V04
15°	E1	G1	S0	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	190	40	33.3	42	35.6	20.2	190	180	0	SN5650-PMOKL-0090-15-E1-G1-S1-V04
20°	E0	G0	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E0-G0-S0-V04
20°	E0	G0	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E0-G0-S1-V04
20°	E0	G1	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E0-G1-S0-V04
20°	E0	G1	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E0-G1-S1-V04
20°	E1	G0	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E1-G0-S0-V04
20°	E1	G0	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E1-G0-S1-V04
20°	E1	G1	S0	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E1-G1-S0-V04
20°	E1	G1	S1	205	37	35.7	42	37.5	24.2	205	160	10	SN5650-PMOKL-0090-20-E1-G1-S1-V04
25°	E0	G0	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E0-G0-S0-V04
25°	E0	G0	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E0-G0-S1-V04
25°	E0	G1	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E0-G1-S0-V04
25°	E0	G1	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E0-G1-S1-V04
25°	E1	G0	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E1-G0-S0-V04
25°	E1	G0	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E1-G0-S1-V04
25°	E1	G1	S0	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E1-G1-S0-V04
25°	E1	G1	S1	205	35	38	42	40.1	24.2	205	160	10	SN5650-PMOKL-0090-25-E1-G1-S1-V04
30°	E0	G0	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E0-G0-S0-V04
30°	E0	G0	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E0-G0-S1-V04
30°	E0	G1	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E0-G1-S0-V04
30°	E0	G1	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E0-G1-S1-V04
30°	E1	G0	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E1-G0-S0-V04
30°	E1	G0	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E1-G0-S1-V04
30°	E1	G1	S0	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E1-G1-S0-V04
30°	E1	G1	S1	210	32	41.1	42	42.8	30.2	210	154	0	SN5650-PMOKL-0090-30-E1-G1-S1-V04
35°	E0	G0	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E0-G0-S0-V04
35°	E0	G0	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E0-G0-S1-V04
35°	E0	G1	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E0-G1-S0-V04
35°	E0	G1	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E0-G1-S1-V04
35°	E1	G0	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E1-G0-S0-V04
35°	E1	G0	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E1-G0-S1-V04
35°	E1	G1	S0	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E1-G1-S0-V04
35°	E1	G1	S1	210	30	44.4	42	46.5	33.2	210	154	0	SN5650-PMOKL-0090-35-E1-G1-S1-V04
40°	E0	G0	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E0-G0-S0-V04
40°	E0	G0	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E0-G0-S1-V04
40°	E0	G1	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E0-G1-S0-V04
40°	E0	G1	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E0-G1-S1-V04
40°	E1	G0	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E1-G0-S0-V04
40°	E1	G0	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E1-G0-S1-V04
40°	E1	G1	S0	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E1-G1-S0-V04
40°	E1	G1	S1	215	27	43	37	44.5	33.2	215	138	0	SN5650-PMOKL-0090-40-E1-G1-S1-V04
45°	E0	G0	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E0-G0-S0-V04
45°	E0	G0	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E0-G0-S1-V04
45°	E0	G1	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E0-G1-S0-V04
45°	E0	G1	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E0-G1-S1-V04
45°	E1	G0	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E1-G0-S0-V04
45°	E1	G0	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E1-G0-S1-V04
45°	E1	G1	S0	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E1-G1-S0-V04
45°	E1	G1	S1	215	25	47.4	37	49.2	33.2	215	137	0	SN5650-PMOKL-0090-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E1-G0-S1-V04

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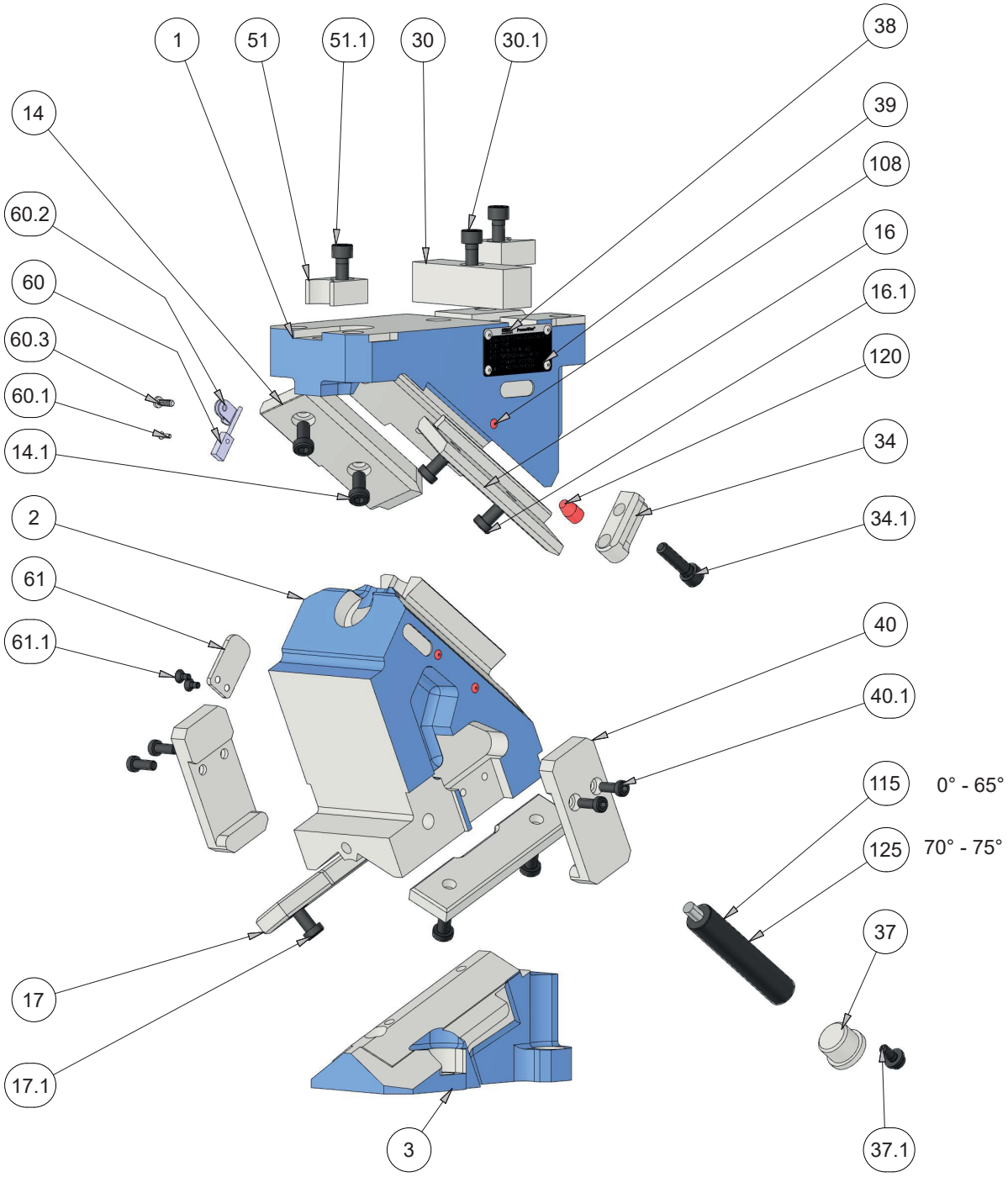


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	38.2	210	138	20	SN5650-PMOKL-0090-50-E1-G1-S1-V04
55°	E0	G0	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	38.2	210	138	20	SN5650-PMOKL-0090-55-E1-G1-S1-V04
60°	E0	G0	S0	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E0-G0-S0-V04
60°	E0	G0	S1	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E0-G0-S1-V04
60°	E0	G1	S0	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E0-G1-S0-V04
60°	E0	G1	S1	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E0-G1-S1-V04
60°	E1	G0	S0	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E1-G0-S0-V04
60°	E1	G0	S1	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E1-G0-S1-V04
60°	E1	G1	S0	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E1-G1-S0-V04
60°	E1	G1	S1	235	17	42.1	22	42.9	33.2	205	129	30	SN5650-PMOKL-0090-60-E1-G1-S1-V04
65°	E0	G0	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E0-G0-S0-V04
65°	E0	G0	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E0-G0-S1-V04
65°	E0	G1	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E0-G1-S0-V04
65°	E0	G1	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E0-G1-S1-V04
65°	E1	G0	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E1-G0-S0-V04
65°	E1	G0	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E1-G0-S1-V04
65°	E1	G1	S0	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E1-G1-S0-V04
65°	E1	G1	S1	235	15	50.3	22	51.3	33.2	205	122	30	SN5650-PMOKL-0090-65-E1-G1-S1-V04
70°	E0	G0	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E0-G0-S0-V04
70°	E0	G0	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E0-G0-S1-V04
70°	E0	G1	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E0-G1-S0-V04
70°	E0	G1	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E0-G1-S1-V04
70°	E1	G0	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E1-G0-S0-V04
70°	E1	G0	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E1-G0-S1-V04
70°	E1	G1	S0	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E1-G1-S0-V04
70°	E1	G1	S1	225	12	31.3	12	34.7	20.2	205	97	20	SN5650-PMOKL-0090-70-E1-G1-S1-V04
75°	E0	G0	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E0-G0-S0-V04
75°	E0	G0	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E0-G0-S1-V04
75°	E0	G1	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E0-G1-S0-V04
75°	E0	G1	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E0-G1-S1-V04
75°	E1	G0	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E1-G0-S0-V04
75°	E1	G0	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E1-G0-S1-V04
75°	E1	G1	S0	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E1-G1-S0-V04
75°	E1	G1	S1	225	10	45.7	12	46.2	33.2	205	90	20	SN5650-PMOKL-0090-75-E1-G1-S1-V04

SN5650-PMOKL-0090-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de

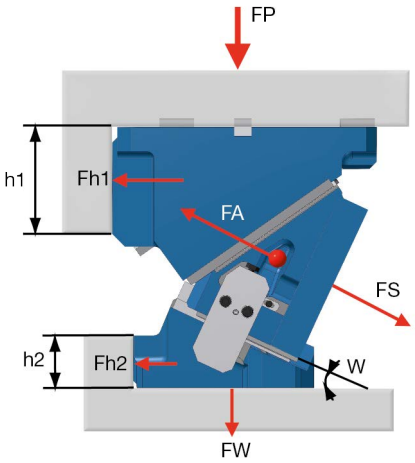
Sparepart lists under www.strack.de

SN5650-PMOKL-0090-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	178	167	178	167	0	90	25	16
05°	185	175	170	158	13	83	30	18
10°	192	182	163	149	26	75	35	19
15°	199	189	155	137	36	75	50	22
20°	205	167	147	126	46	75	65	24
25°	211	202	138	113	52	75	73	27
30°	216	208	129	100	58	75	80	29
35°	221	213	120	87	60	65	85	30
40°	225	219	110	74	62	55	90	31
45°	229	223	101	62	60	53	100	31
50°	233	228	91	49	59	50	110	31
55°	236	231	81	39	54	45	110	31
60°	239	235	71	28	49	40	110	30
65°	241	237	63	18	39	40	110	30
70°	243	239	52	12	30	35	110	30
75°	244	241	42	6	21	33	110	29



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	130	122	130	122	0	90	25	16
05°	135	128	124	116	10	83	30	18
10°	140	133	119	109	19	75	35	19
15°	145	138	113	101	26	75	50	22
20°	150	122	107	92	34	75	65	24
25°	154	148	101	83	38	75	73	27
30°	158	152	94	73	42	75	80	29
35°	161	156	87	64	44	65	85	30
40°	164	160	80	54	45	55	90	31
45°	167	163	73	45	44	53	100	31
50°	170	166	66	36	43	50	110	31
55°	205	201	69	32	46	45	110	31
60°	239	235	71	28	49	40	110	30
65°	176	173	45	13	29	40	110	30
70°	177	175	38	9	22	35	110	30
75°	178	176	30	4	16	30	110	29

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0090-

Schieberkräfte
Cam Force

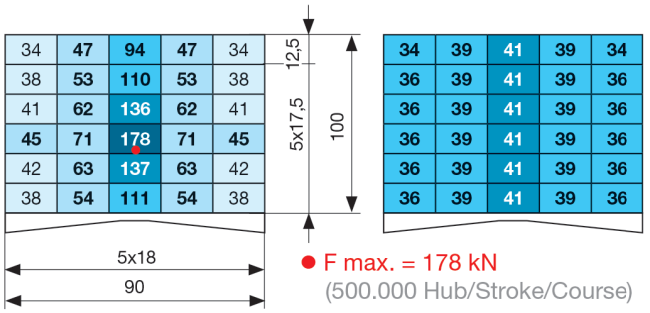
Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0090-0°

34	47	94	47	34
38	53	110	53	38
41	62	136	62	41
45	71	178	71	45
42	63	137	63	42
38	54	111	54	38

34	39	41	39	34
36	39	41	39	36
36	39	41	39	36
36	39	41	39	36
36	39	41	39	36
36	39	41	39	36

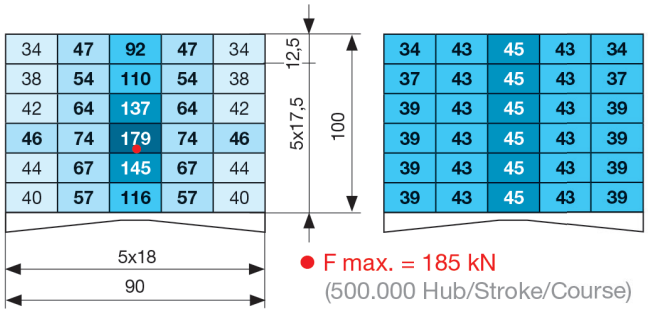


● F max. = 178 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-5°

34	47	92	47	34
38	54	110	54	38
42	64	137	64	42
46	74	179	74	46
44	67	145	67	44
40	57	116	57	40

34	43	45	43	34
37	43	45	43	37
39	43	45	43	39
39	43	45	43	39
39	43	45	43	39
39	43	45	43	39

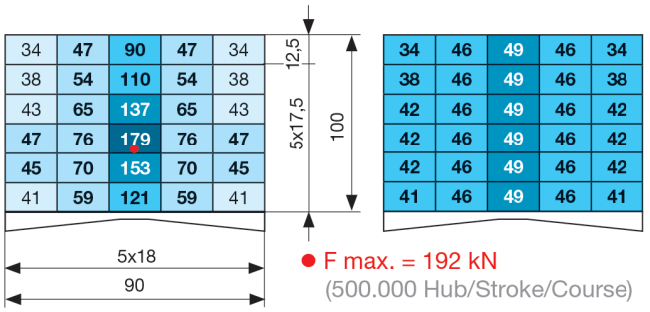


● F max. = 185 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-10°

34	47	90	47	34
38	54	110	54	38
43	65	137	65	43
47	76	179	76	47
45	70	153	70	45
41	59	121	59	41

34	46	49	46	34
38	46	49	46	38
42	46	49	46	42
42	46	49	46	42
42	46	49	46	42
41	46	49	46	41

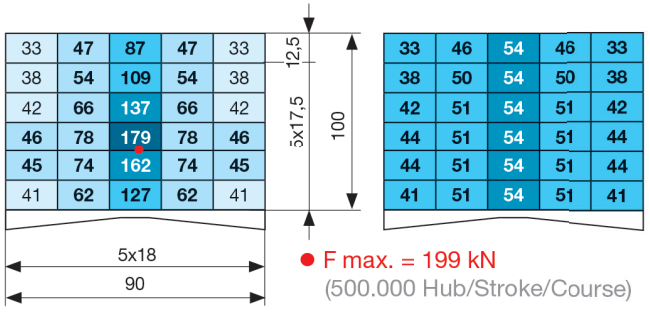


● F max. = 192 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-15°

33	47	87	47	33
38	54	109	54	38
42	66	137	66	42
46	78	179	78	46
45	74	162	74	45
41	62	127	62	41

33	46	54	46	33
38	50	54	50	38
42	51	54	51	42
44	51	54	51	44
44	51	54	51	44
41	51	54	51	41

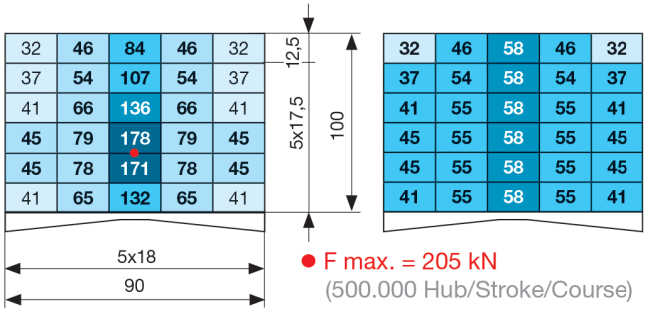


● F max. = 199 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-20°

32	46	84	46	32
37	54	107	54	37
41	66	136	66	41
45	79	178	79	45
45	78	171	78	45
41	65	132	65	41

32	46	58	46	32
37	54	58	54	37
41	55	58	55	41
45	55	58	55	45
45	55	58	55	45
41	55	58	55	41

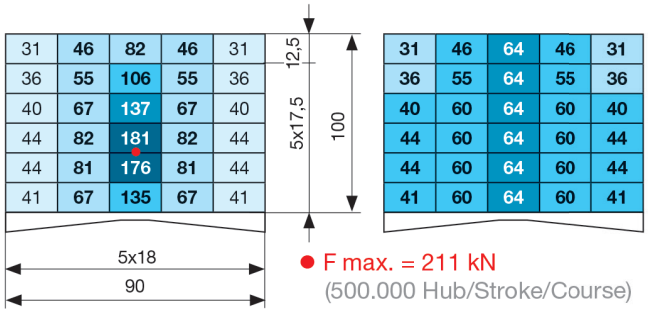


● F max. = 205 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-25°

31	46	82	46	31
36	55	106	55	36
40	67	137	67	40
44	82	181	82	44
44	81	176	81	44
41	67	135	67	41

31	46	64	46	31
36	55	64	55	36
40	60	64	60	40
44	60	64	60	44
44	60	64	60	44
41	60	64	60	41

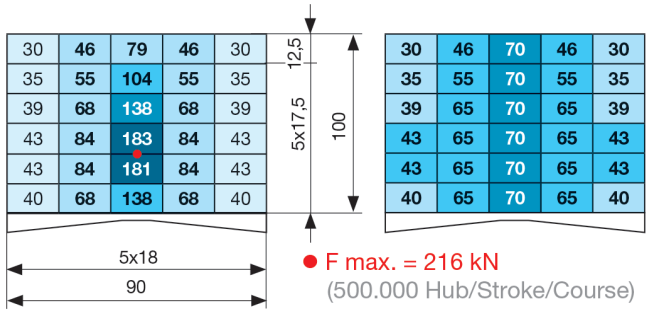


● F max. = 211 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-30°

30	46	79	46	30
35	55	104	55	35
39	68	138	68	39
43	84	183	84	43
43	84	181	84	43
40	68	138	68	40

30	46	70	46	30
35	55	70	55	35
39	65	70	65	39
43	65	70	65	43
43	65	70	65	43
40	65	70	65	40

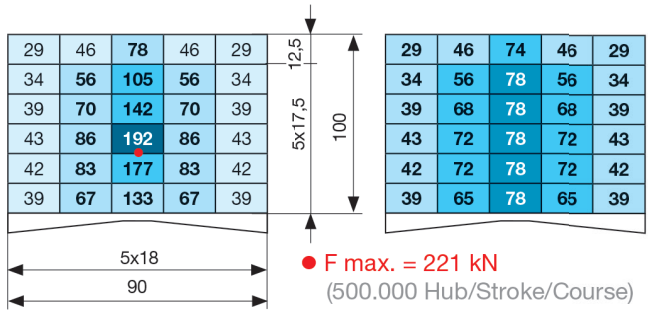


● F max. = 216 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-35°

29	46	78	46	29
34	56	105	56	34
39	70	142	70	39
43	86	192	86	43
42	83	177	83	42
39	67	133	67	39

29	46	74	46	29
34	56	78	56	34
39	68	78	68	39
43	72	78	72	43
42	72	78	72	42
39	65	78	65	39



● F max. = 221 kN
(500.000 Hub/Stroke/Course)

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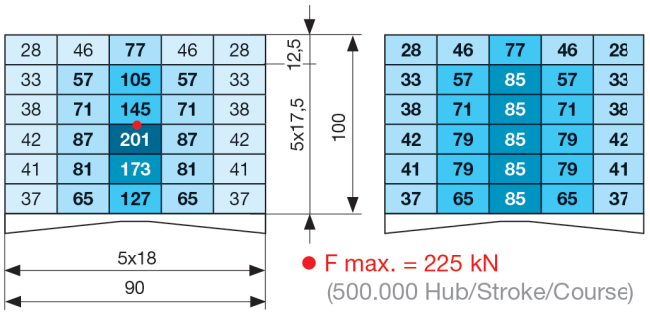
SN5650-PMOKL-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

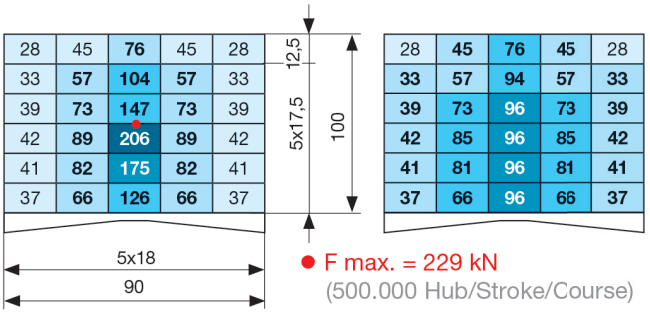
Passfeder
Fitting Key

SN5650-PMOKL-0090-40°



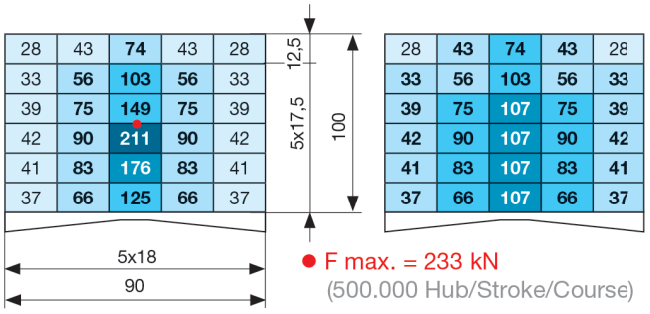
● F max. = 225 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-45°



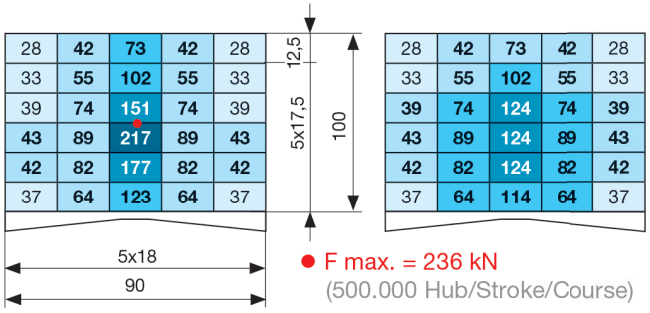
● F max. = 229 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-50°



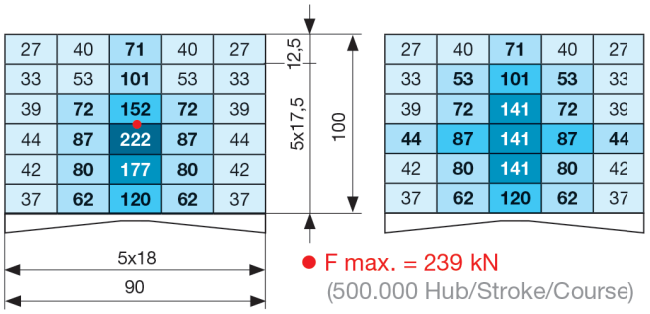
● F max. = 233 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-55°



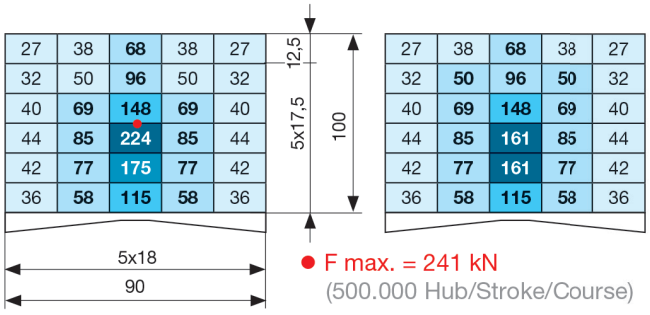
● F max. = 236 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-60°



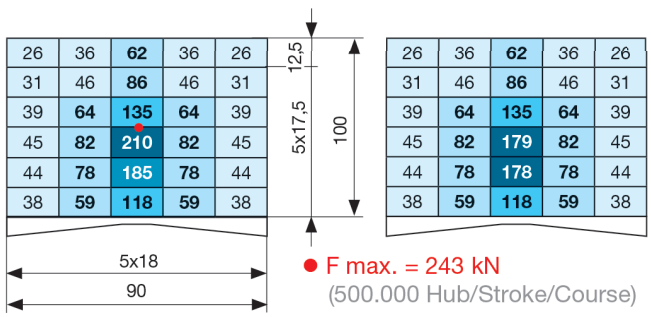
● F max. = 239 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-65°



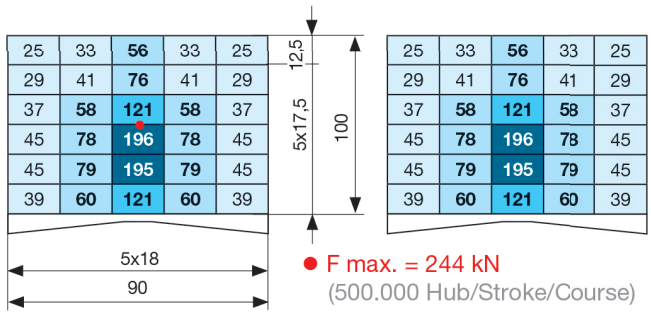
● F max. = 241 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-70°



● F max. = 243 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-75°



● F max. = 244 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0090-

Schieberkräfte
Cam Force

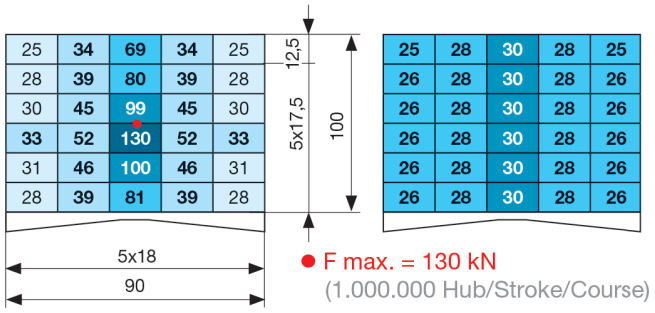
Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0090-0°

25	34	69	34	25
28	39	80	39	28
30	45	99	45	30
33	52	130	52	33
31	46	100	46	31
28	39	81	39	28

25	28	30	28	25
26	28	30	28	26
26	28	30	28	26
26	28	30	28	26
26	28	30	28	26
26	28	30	28	26

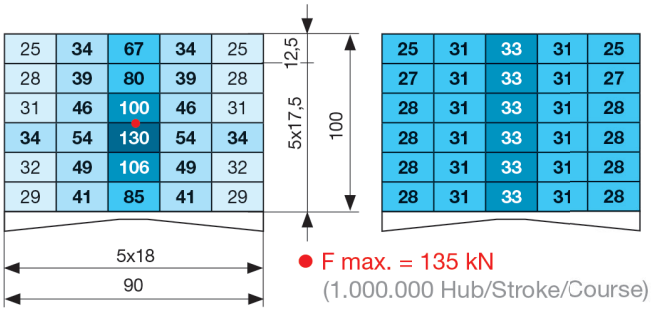


● F max. = 130 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-5°

25	34	67	34	25
28	39	80	39	28
31	46	100	46	31
34	54	130	54	34
32	49	106	49	32
29	41	85	41	29

25	31	33	31	25
27	31	33	31	27
28	31	33	31	28
28	31	33	31	28
28	31	33	31	28
28	31	33	31	28

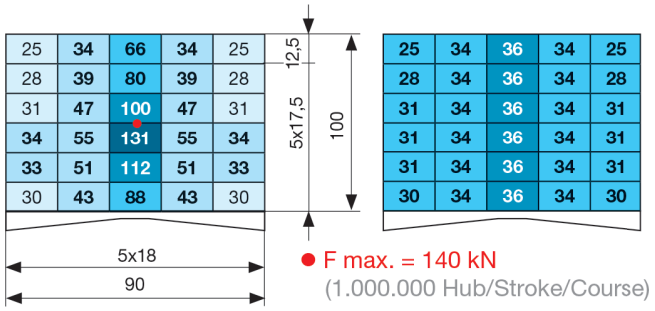


● F max. = 135 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-10°

25	34	66	34	25
28	39	80	39	28
31	47	100	47	31
34	55	131	55	34
33	51	112	51	33
30	43	88	43	30

25	34	36	34	25
28	34	36	34	28
31	34	36	34	31
31	34	36	34	31
31	34	36	34	31
30	34	36	34	30

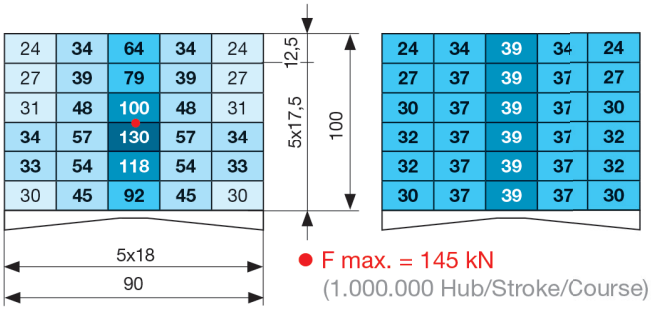


● F max. = 140 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-15°

24	34	64	34	24
27	39	79	39	27
31	48	100	48	31
34	57	130	57	34
33	54	118	54	33
30	45	92	45	30

24	34	39	34	24
27	37	39	37	27
30	37	39	37	30
32	37	39	37	32
32	37	39	37	32
30	37	39	37	30

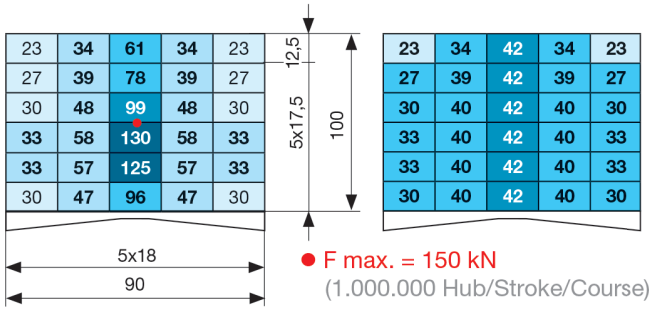


● F max. = 145 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-20°

23	34	61	34	23
27	39	78	39	27
30	48	99	48	30
33	58	130	58	33
33	57	125	57	33
30	47	96	47	30

23	34	42	34	23
27	39	42	39	27
30	40	42	40	30
33	40	42	40	33
33	40	42	40	33
30	40	42	40	30

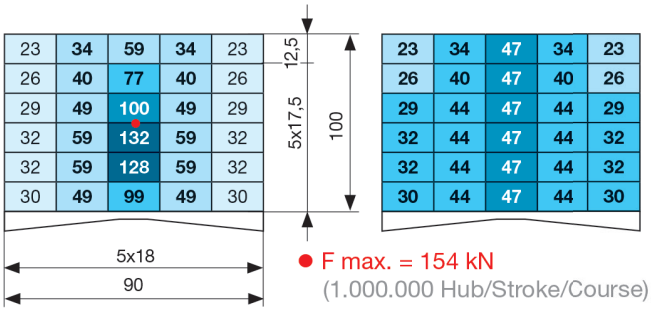


● F max. = 150 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-25°

23	34	59	34	23
26	40	77	40	26
29	49	100	49	29
32	59	132	59	32
32	59	128	59	32
30	49	99	49	30

23	34	47	34	23
26	40	47	40	26
29	44	47	44	29
32	44	47	44	32
32	44	47	44	32
30	44	47	44	30

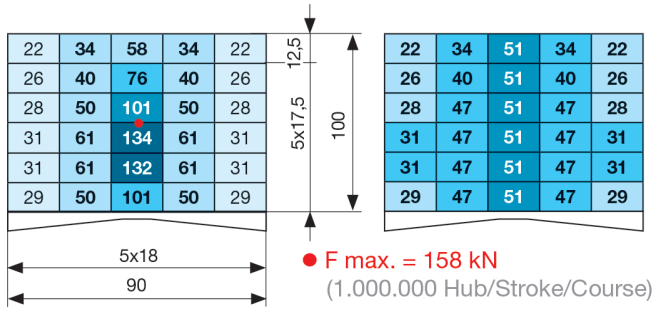


● F max. = 154 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-30°

22	34	58	34	22
26	40	76	40	26
28	50	101	50	28
31	61	134	61	31
31	61	132	61	31
29	50	101	50	29

22	34	51	34	22
26	40	51	40	26
28	47	51	47	28
31	47	51	47	31
31	47	51	47	31
29	47	51	47	29

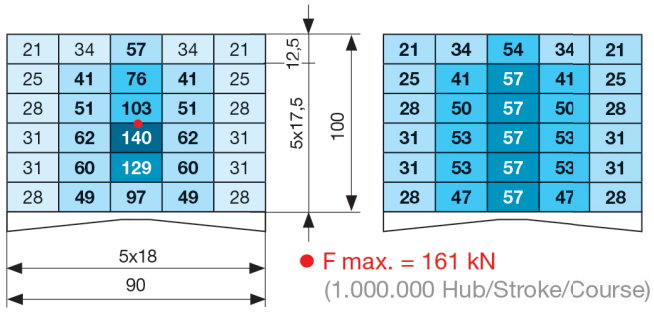


● F max. = 158 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-35°

21	34	57	34	21
25	41	76	41	25
28	51	103	51	28
31	62	140	62	31
31	60	129	60	31
28	49	97	49	28

21	34	54	34	21
25	41	57	41	25
28	50	57	50	28
31	53	57	53	31
31	53	57	53	31
28	47	57	47	28



● F max. = 161 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0090-40°

20	34	**56**	34	20	12,5		**20**	**34**	**56**	**34**	**20**
24	**42**	**77**	**42**	24			**24**	**42**	**62**	**42**	**24**
28	**52**	**106**	**52**	28	5x17,5	100	**28**	**52**	**62**	**52**	**28**
31	**64**	**147**	**64**	31			**31**	**58**	**62**	**58**	**31**
30	**59**	**126**	**59**	30			**30**	**58**	**62**	**58**	**30**
27	**47**	**93**	**47**	27			**27**	**47**	**62**	**47**	**27**

5x18
90

● F max. = 164 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-45°

20	32	**55**	32	20	12,5		**20**	**32**	**55**	**32**	**20**
24	**41**	**76**	**41**	24			**24**	**41**	**69**	**41**	**24**
28	**53**	**107**	**53**	28	5x17,5	100	**28**	**53**	**70**	**53**	**28**
31	**65**	**150**	**65**	31			**31**	**62**	**70**	**62**	**31**
30	**60**	**127**	**60**	30			**30**	**59**	**70**	**59**	**30**
27	**48**	**92**	**48**	27			**27**	**48**	**70**	**48**	**27**

5x18
90

● F max. = 167 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-50°

20	31	**54**	31	20	12,5		**20**	**31**	**54**	**31**	**20**
24	**41**	**75**	**41**	24			**24**	**41**	**75**	**41**	**24**
28	**55**	**109**	**55**	28	5x17,5	100	**28**	**55**	**78**	**55**	**28**
31	**66**	**154**	**66**	31			**31**	**66**	**78**	**66**	**31**
30	**61**	**128**	**61**	30			**30**	**61**	**78**	**61**	**30**
27	**48**	**91**	**48**	27			**27**	**48**	**78**	**48**	**27**

5x18
90

● F max. = 170 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-55°

24	36	**63**	36	24	12,5		**24**	**36**	**63**	**36**	**24**
29	**47**	**88**	**47**	29			**29**	**47**	**88**	**47**	**29**
34	**63**	**130**	**63**	34	5x17,5	100	**34**	**63**	**110**	**63**	**34**
37	**76**	**188**	**76**	37			**37**	**76**	**110**	**76**	**37**
36	**70**	**153**	**70**	36			**36**	**70**	**110**	**70**	**36**
32	**55**	**106**	**55**	32			32	**55**	**99**	**55**	32

5x18
90

● F max. = 205 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-60°

27	40	**71**	40	27	12,5		27	40	**71**	40	27
33	53	**101**	53	33			33	**53**	**101**	**53**	33
39	**72**	**152**	**72**	39	5x17,5	100	39	**72**	**141**	**72**	39
44	**87**	**222**	**87**	44			**44**	**87**	**141**	**87**	**44**
42	**80**	**177**	**80**	42			42	**80**	**141**	**80**	42
37	**62**	**120**	**62**	37			37	**62**	**120**	**62**	37

5x18
90

● F max. = 239 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-65°

20	28	**50**	28	20	12,5		20	28	**50**	28	20
23	37	**70**	37	23			23	**37**	**70**	**37**	23
29	**50**	**108**	**50**	29	5x17,5	100	29	**50**	**108**	**50**	29
32	**62**	**164**	**62**	32			32	**62**	**118**	**62**	32
31	**56**	**128**	**56**	31			31	**56**	**118**	**56**	31
26	**42**	**84**	**42**	26			26	**42**	**84**	**42**	26

5x18
90

● F max. = 176 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-70°

19	26	**45**	26	19	12,5		19	26	**45**	26	19
22	33	**63**	33	22			22	33	**63**	33	22
28	**46**	**98**	**46**	28	5x17,5	100	28	**46**	**98**	**46**	28
32	**59**	**153**	**59**	32			32	**59**	**130**	**59**	32
32	**57**	**135**	**57**	32			32	**57**	**130**	**57**	32
27	**43**	**86**	**43**	27			27	**43**	**86**	**43**	27

5x18
90

● F max. = 177 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0090-75°

18	24	**41**	24	18	12,5		18	24	**41**	24	18
21	30	**55**	30	21			21	30	**55**	30	21
27	**42**	**88**	**42**	27	5x17,5	100	27	42	**88**	42	27
33	**57**	**143**	**57**	33			33	**57**	**143**	**57**	33
33	**58**	**142**	**58**	33			33	**58**	**142**	**58**	33
28	**44**	**88**	**44**	28			28	**44**	**88**	**44**	28

5x18
90

● F max. = 178 kN
(1.000.000 Hub/Stroke/Course)

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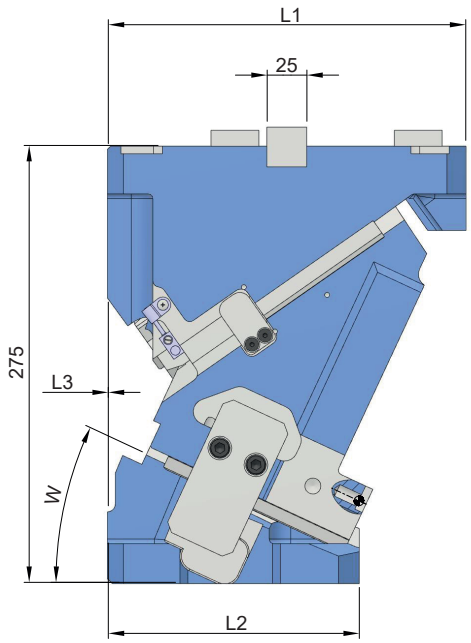


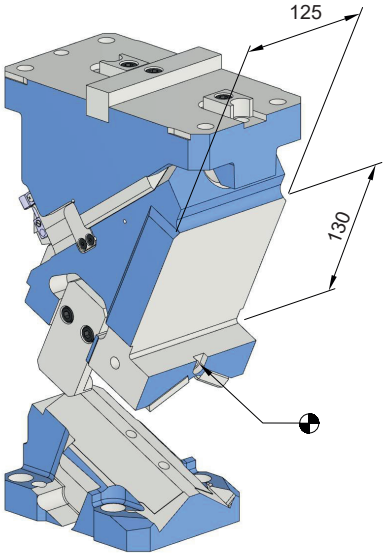
SN5650-PMOKL-0125-

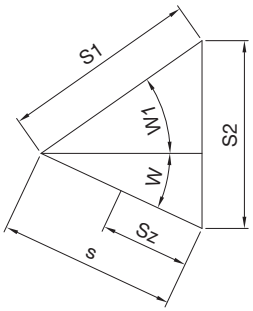
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	125 x 130 mm
Schieberbreite max.	*Cam unit width max.*	125 mm
Einbauhöhe	*Installation height*	275 mm
Schieberkraft	*Cam force*	> 238 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

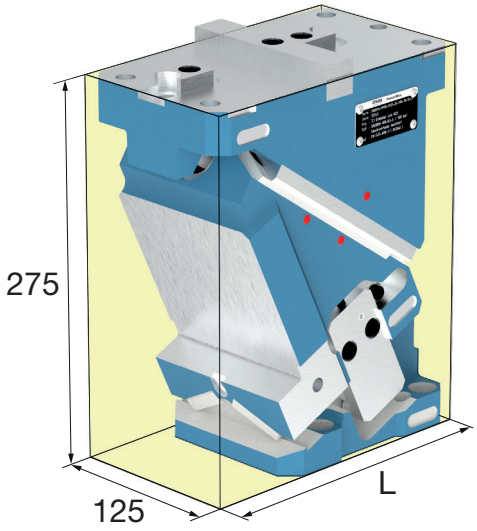
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0125-

Oben hängender Kompakt-L-Schieber

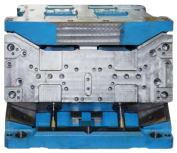
Compact-L aerial standard cam



E0



E1



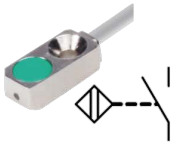
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E0-G0-S0-V04
0°	E0	G0	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E0-G0-S1-V04
0°	E0	G1	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E0-G1-S0-V04
0°	E0	G1	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E0-G1-S1-V04
0°	E1	G0	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E1-G0-S0-V04
0°	E1	G0	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E1-G0-S1-V04
0°	E1	G1	S0	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E1-G1-S0-V04
0°	E1	G1	S1	220	47	28.6	42	30.7	16	220	220	0	SN5650-PMOKL-0125-00-E1-G1-S1-V04
5°	E0	G0	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E0-G0-S0-V04
5°	E0	G0	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E0-G0-S1-V04
5°	E0	G1	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E0-G1-S0-V04
5°	E0	G1	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E0-G1-S1-V04
5°	E1	G0	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E1-G0-S0-V04
5°	E1	G0	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E1-G0-S1-V04
5°	E1	G1	S0	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E1-G1-S0-V04
5°	E1	G1	S1	220	45	29.8	42	32.3	16	220	220	0	SN5650-PMOKL-0125-05-E1-G1-S1-V04
10°	E0	G0	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E0-G0-S0-V04
10°	E0	G0	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E0-G0-S1-V04
10°	E0	G1	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E0-G1-S0-V04
10°	E0	G1	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E0-G1-S1-V04
10°	E1	G0	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E1-G0-S0-V04
10°	E1	G0	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E1-G0-S1-V04
10°	E1	G1	S0	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E1-G1-S0-V04
10°	E1	G1	S1	220	42	31.7	42	33.6	22	220	210	0	SN5650-PMOKL-0125-10-E1-G1-S1-V04
15°	E0	G0	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E0-G0-S0-V04
15°	E0	G0	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E0-G0-S1-V04
15°	E0	G1	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E0-G1-S0-V04
15°	E0	G1	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E0-G1-S1-V04
15°	E1	G0	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E1-G0-S0-V04
15°	E1	G0	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E1-G0-S1-V04
15°	E1	G1	S0	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E1-G1-S0-V04
15°	E1	G1	S1	220	40	33.3	42	35.6	22	220	210	0	SN5650-PMOKL-0125-15-E1-G1-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E0-G0-S0-V04
20°	E0	G0	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E0-G0-S1-V04
20°	E0	G1	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E0-G1-S0-V04
20°	E0	G1	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E0-G1-S1-V04
20°	E1	G0	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E1-G0-S0-V04
20°	E1	G0	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E1-G0-S1-V04
20°	E1	G1	S0	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E1-G1-S0-V04
20°	E1	G1	S1	225	37	35.7	42	37.5	23	225	158	0	SN5650-PMOKL-0125-20-E1-G1-S1-V04
25°	E0	G0	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E0-G0-S0-V04
25°	E0	G0	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E0-G0-S1-V04
25°	E0	G1	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E0-G1-S0-V04
25°	E0	G1	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E0-G1-S1-V04
25°	E1	G0	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E1-G0-S0-V04
25°	E1	G0	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E1-G0-S1-V04
25°	E1	G1	S0	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E1-G1-S0-V04
25°	E1	G1	S1	225	35	38	42	40.1	23	225	158	0	SN5650-PMOKL-0125-25-E1-G1-S1-V04
30°	E0	G0	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E0-G0-S0-V04
30°	E0	G0	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E0-G0-S1-V04
30°	E0	G1	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E0-G1-S0-V04
30°	E0	G1	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E0-G1-S1-V04
30°	E1	G0	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E1-G0-S0-V04
30°	E1	G0	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E1-G0-S1-V04
30°	E1	G1	S0	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E1-G1-S0-V04
30°	E1	G1	S1	225	32	41.1	42	42.8	29	225	140	0	SN5650-PMOKL-0125-30-E1-G1-S1-V04
35°	E0	G0	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E0-G0-S0-V04
35°	E0	G0	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E0-G0-S1-V04
35°	E0	G1	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E0-G1-S0-V04
35°	E0	G1	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E0-G1-S1-V04
35°	E1	G0	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E1-G0-S0-V04
35°	E1	G0	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E1-G0-S1-V04
35°	E1	G1	S0	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E1-G1-S0-V04
35°	E1	G1	S1	225	30	44.4	42	46.5	32	225	140	0	SN5650-PMOKL-0125-35-E1-G1-S1-V04
40°	E0	G0	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E0-G0-S0-V04
40°	E0	G0	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E0-G0-S1-V04
40°	E0	G1	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E0-G1-S0-V04
40°	E0	G1	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E0-G1-S1-V04
40°	E1	G0	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E1-G0-S0-V04
40°	E1	G0	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E1-G0-S1-V04
40°	E1	G1	S0	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E1-G1-S0-V04
40°	E1	G1	S1	230	27	43	37	44.5	32	230	120	0	SN5650-PMOKL-0125-40-E1-G1-S1-V04
45°	E0	G0	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E0-G0-S0-V04
45°	E0	G0	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E0-G0-S1-V04
45°	E0	G1	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E0-G1-S0-V04
45°	E0	G1	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E0-G1-S1-V04
45°	E1	G0	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E1-G0-S0-V04
45°	E1	G0	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E1-G0-S1-V04
45°	E1	G1	S0	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E1-G1-S0-V04
45°	E1	G1	S1	230	25	47.4	37	49.2	32	230	120	0	SN5650-PMOKL-0125-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E1-G0-S1-V04
50°	E1	G1	S0	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E1-G1-S0-V04

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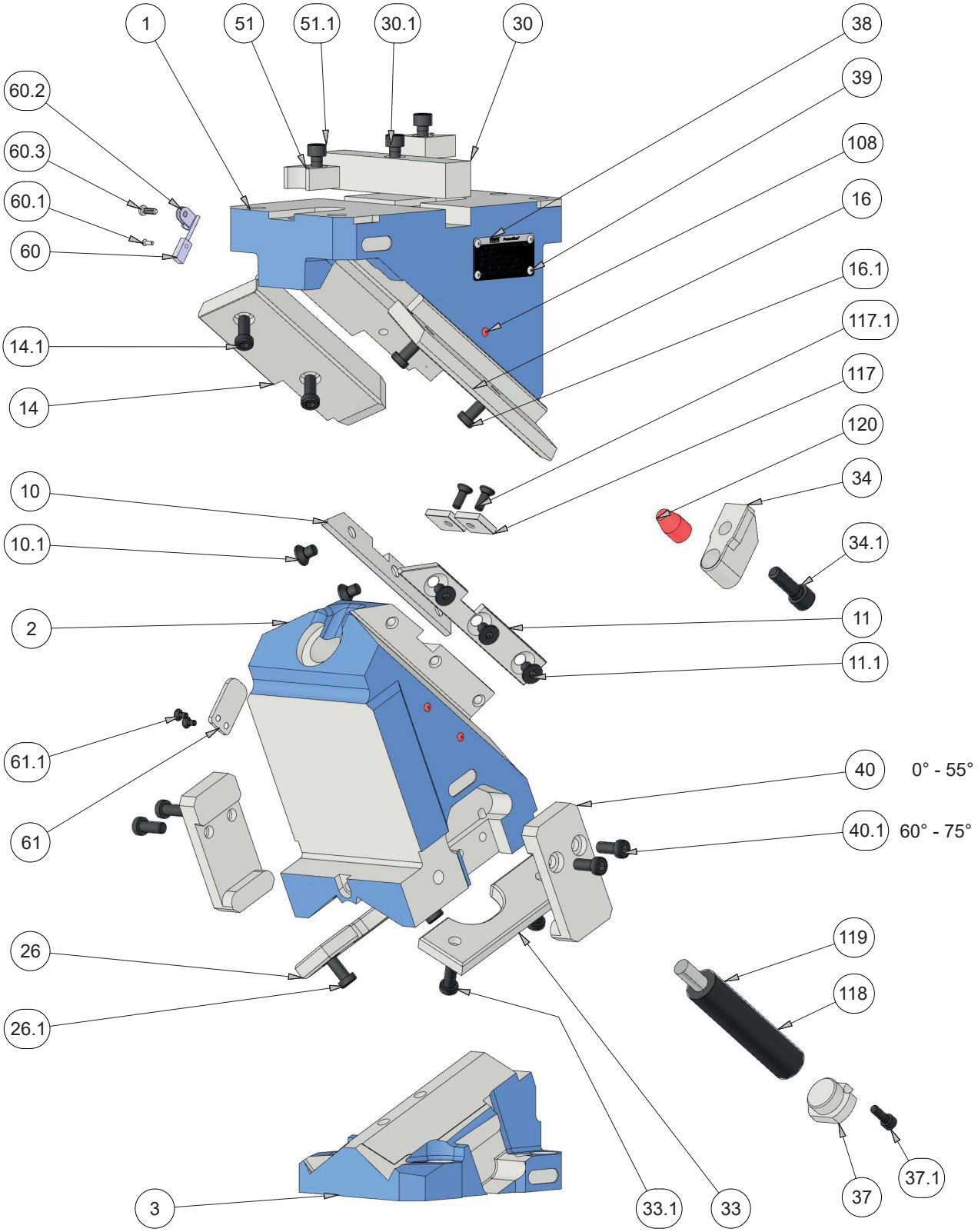


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S1	230	22	53.4	37	54.7	37	225	110	5	SN5650-PMOKL-0125-50-E1-G1-S1-V04
55°	E0	G0	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	37	225	110	5	SN5650-PMOKL-0125-55-E1-G1-S1-V04
60°	E0	G0	S0	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E0-G0-S0-V04
60°	E0	G0	S1	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E0-G0-S1-V04
60°	E0	G1	S0	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E0-G1-S0-V04
60°	E0	G1	S1	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E0-G1-S1-V04
60°	E1	G0	S0	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E1-G0-S0-V04
60°	E1	G0	S1	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E1-G0-S1-V04
60°	E1	G1	S0	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E1-G1-S0-V04
60°	E1	G1	S1	250	17	42.1	22	42.9	32	250	105	5	SN5650-PMOKL-0125-60-E1-G1-S1-V04
65°	E0	G0	S0	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E0-G0-S0-V04
65°	E0	G0	S1	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E0-G0-S1-V04
65°	E0	G1	S0	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E0-G1-S0-V04
65°	E0	G1	S1	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E0-G1-S1-V04
65°	E1	G0	S0	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E1-G0-S0-V04
65°	E1	G0	S1	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E1-G0-S1-V04
65°	E1	G1	S0	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E1-G1-S0-V04
65°	E1	G1	S1	250	15	50.3	22	51.3	32	250	105	5	SN5650-PMOKL-0125-65-E1-G1-S1-V04
70°	E0	G0	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E0-G0-S0-V04
70°	E0	G0	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E0-G0-S1-V04
70°	E0	G1	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E0-G1-S0-V04
70°	E0	G1	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E0-G1-S1-V04
70°	E1	G0	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E1-G0-S0-V04
70°	E1	G0	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E1-G0-S1-V04
70°	E1	G1	S0	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E1-G1-S0-V04
70°	E1	G1	S1	240	17	34.3	12	34.7	32	240	92	0	SN5650-PMOKL-0125-70-E1-G1-S1-V04
75°	E0	G0	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E0-G0-S0-V04
75°	E0	G0	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E0-G0-S1-V04
75°	E0	G1	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E0-G1-S0-V04
75°	E0	G1	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E0-G1-S1-V04
75°	E1	G0	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E1-G0-S0-V04
75°	E1	G0	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E1-G0-S1-V04
75°	E1	G1	S0	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E1-G1-S0-V04
75°	E1	G1	S1	240	15	45.7	12	46.2	32	240	85	0	SN5650-PMOKL-0125-75-E1-G1-S1-V04

SN5650-PMOKL-0125-

Bauteile

Components



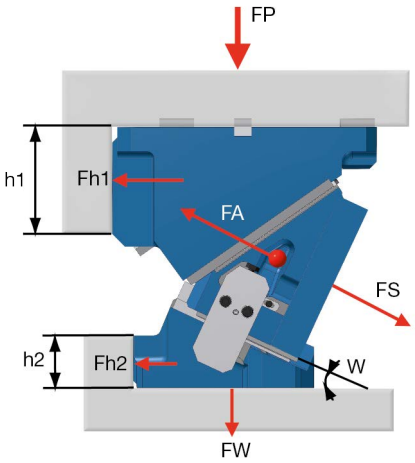
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0125-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	238	225	238	225	0	125	35	19
05°	243	231	224	209	17	120	43	23
10°	248	236	210	193	34	115	50	26
15°	251	240	195	175	46	105	48	27
20°	253	225	181	157	57	95	45	28
25°	260	250	170	140	64	85	50	28
30°	266	257	159	124	72	75	55	28
35°	275	266	149	109	75	78	63	28
40°	283	275	139	93	78	80	70	28
45°	290	282	127	78	77	75	73	30
50°	296	290	115	63	75	70	75	31
55°	297	291	102	49	68	68	78	31
60°	297	292	88	35	60	65	80	30
65°	277	273	70	24	48	58	83	30
70°	256	253	53	13	35	50	85	31
75°	290	287	49	7	26	50	85	30



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	205	194	205	194	0	125	35	19
05°	209	199	193	180	15	120	43	23
10°	213	204	181	167	29	115	50	26
15°	215	207	168	151	39	105	48	27
20°	218	194	155	135	49	95	45	28
25°	223	215	146	121	55	85	50	28
30°	229	221	136	107	62	75	55	28
35°	236	229	128	94	65	78	63	28
40°	243	237	119	80	67	80	70	28
45°	249	243	109	67	66	75	73	30
50°	255	249	99	54	65	70	75	31
55°	255	250	87	42	58	68	78	31
60°	255	251	76	30	52	65	80	30
65°	238	235	60	21	41	58	83	30
70°	220	218	45	11	30	50	85	31
75°	249	247	42	6	22	50	85	30

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

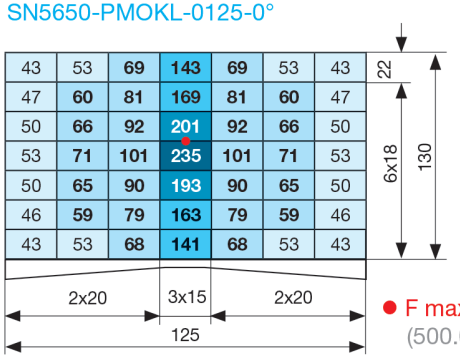
SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

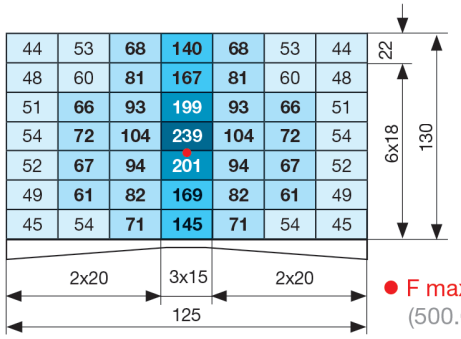
SN5650-PMOKL-0125-0°



43	49	56	56	56	49	43
43	49	56	65	56	49	43
43	49	56	65	56	49	43
43	49	56	65	56	49	43
43	49	56	65	56	49	43
43	49	56	65	56	49	43
43	49	56	65	56	49	43

● F max. = 238 kN
(500.000 Hub/Stroke/Course)

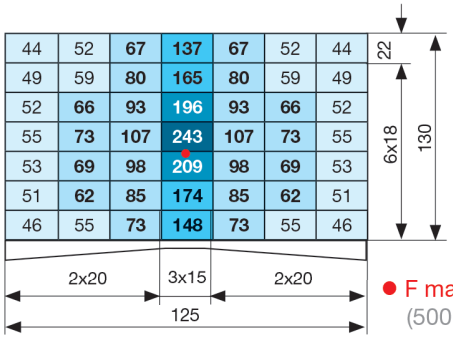
SN5650-PMOKL-0125-5°



44	51	61	61	61	51	44
45	53	61	71	61	53	45
45	53	61	71	61	53	45
45	53	61	71	61	53	45
45	53	61	71	61	53	45
45	53	61	71	61	53	45
45	52	61	71	61	52	45

● F max. = 243 kN
(500.000 Hub/Stroke/Course)

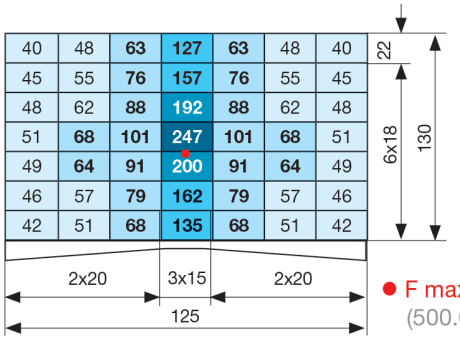
SN5650-PMOKL-0125-10°



44	52	66	66	66	52	44
47	57	66	77	66	57	47
47	57	66	77	66	57	47
47	57	66	77	66	57	47
47	57	66	77	66	57	47
47	57	66	77	66	57	47
46	55	66	77	66	55	46

● F max. = 248 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-15°



41	52	68	68	68	52	41
46	60	76	106	76	60	46
47	64	85	106	85	64	47
49	68	89	106	89	68	49
48	65	85	106	85	65	48
46	61	76	106	76	61	46
43	55	69	103	69	55	43

● F max. = 251 kN
(500.000 Hub/Stroke/Course)

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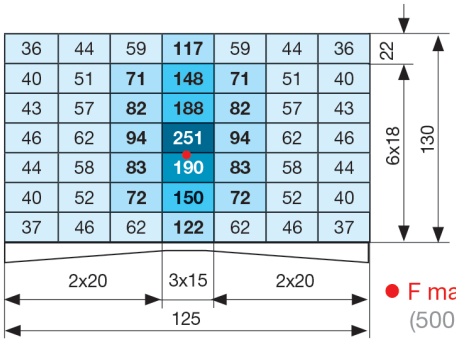
SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-20°

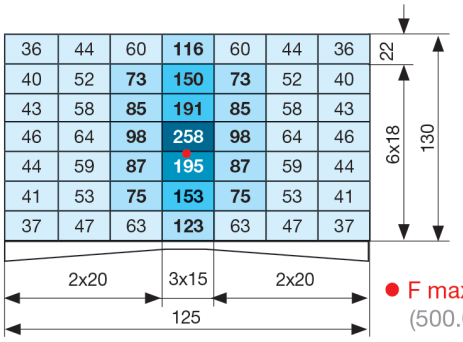


36	44	59	**117**	59	44	36
40	51	**71**	**148**	**71**	51	40
43	57	**82**	**188**	**82**	57	43
46	62	**94**	**251**	**94**	62	46
44	58	**83**	**190**	**83**	58	44
40	52	**72**	**150**	**72**	52	40
37	46	62	**122**	62	46	37

● F max. = 253 kN
(500.000 Hub/Stroke/Course)

38	**52**	**69**	**69**	**69**	**52**	38
44	**63**	**85**	**134**	**85**	**63**	**44**
47	**71**	**103**	**134**	**103**	**71**	**47**
51	**79**	**111**	**134**	**111**	**79**	**51**
48	**72**	**103**	**134**	**103**	**72**	**48**
44	**64**	**85**	**134**	**85**	**64**	**44**
40	**54**	**71**	**129**	**71**	**54**	40

SN5650-PMOKL-0125-25°

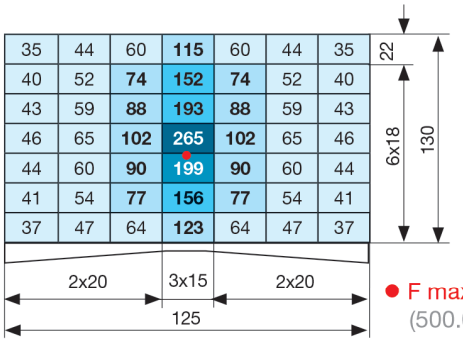


36	44	60	**116**	60	44	36
40	52	**73**	**150**	**73**	52	40
43	58	**85**	**191**	**85**	58	43
46	64	**98**	**258**	**98**	64	46
44	59	**87**	**195**	**87**	59	44
41	53	**75**	**153**	**75**	53	41
37	47	63	**123**	63	47	37

● F max. = 260 kN
(500.000 Hub/Stroke/Course)

38	**52**	**69**	**69**	**69**	**52**	38
44	**63**	**85**	**134**	**85**	**63**	**44**
47	**71**	**103**	**134**	**103**	**71**	**47**
51	**79**	**111**	**134**	**111**	**79**	**51**
48	**72**	**103**	**134**	**103**	**72**	**48**
44	**64**	**85**	**134**	**85**	**64**	**44**
40	**54**	**71**	**129**	**71**	**54**	40

SN5650-PMOKL-0125-30°

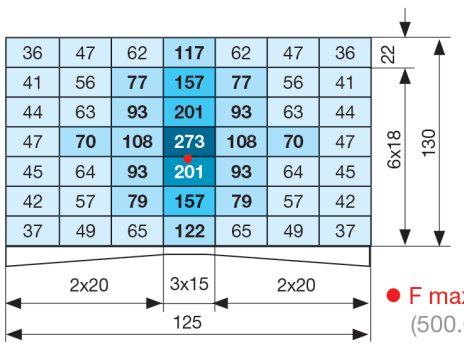


35	44	60	**115**	60	44	35
40	52	**74**	**152**	**74**	52	40
43	59	**88**	**193**	**88**	59	43
46	65	**102**	**265**	**102**	65	46
44	60	**90**	**199**	**90**	60	44
41	54	**77**	**156**	**77**	54	41
37	47	64	**123**	64	47	37

● F max. = 266 kN
(500.000 Hub/Stroke/Course)

38	**52**	**69**	**69**	**69**	**52**	38
44	**63**	**85**	**134**	**85**	**63**	**44**
47	**71**	**103**	**134**	**103**	**71**	**47**
51	**79**	**111**	**134**	**111**	**79**	**51**
48	**72**	**103**	**134**	**103**	**72**	**48**
44	**64**	**85**	**134**	**85**	**64**	**44**
40	**54**	**71**	**129**	**71**	**54**	40

SN5650-PMOKL-0125-35°



36	47	62	**117**	62	47	36
41	56	**77**	**157**	**77**	56	41
44	63	**93**	**201**	**93**	63	44
47	**70**	**108**	**273**	**108**	**70**	47
45	64	**93**	**201**	**93**	64	45
42	57	**79**	**157**	**79**	57	42
37	49	65	**122**	65	49	37

● F max. = 275 kN
(500.000 Hub/Stroke/Course)

38	**52**	**69**	**69**	**69**	**52**	38
44	**63**	**85**	**134**	**85**	**63**	**44**
47	**71**	**103**	**134**	**103**	**71**	**47**
51	**79**	**111**	**134**	**111**	**79**	**51**
48	**72**	**103**	**134**	**103**	**72**	**48**
44	**64**	**85**	**134**	**85**	**64**	**44**
40	**54**	**71**	**129**	**71**	**54**	40

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SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-40°

36	49	64	**118**	64	49	36	22
41	59	**80**	**161**	**80**	59	41	6x18
44	67	**97**	**208**	**97**	67	44	130
48	**74**	**113**	**281**	**113**	**74**	48	
45	67	**96**	**202**	**96**	67	45	
42	60	**80**	**158**	**80**	60	42	
37	51	66	**121**	66	51	37	

2x20 | 3x15 | 2x20 = 125

● F max. = 283 kN
(500.000 Hub/Stroke/Course)

38	**52**	**69**	**69**	**69**	**52**	38
44	**63**	**85**	**134**	**85**	**63**	**44**
47	**71**	**103**	**134**	**103**	**71**	**47**
51	**79**	**111**	**134**	**111**	**79**	**51**
48	**72**	**103**	**134**	**103**	**72**	**48**
44	**64**	**85**	**134**	**85**	**64**	**44**
40	**54**	**71**	**129**	**71**	**54**	40

SN5650-PMOKL-0125-45°

36	48	59	**94**	59	48	36	22
42	59	**73**	**126**	**73**	59	42	6x18
45	67	**98**	**188**	**98**	67	45	130
49	**74**	**116**	**284**	**116**	**74**	49	
46	67	**98**	**204**	**98**	67	46	
42	59	**81**	**157**	**81**	59	42	
37	50	67	**118**	67	50	37	

2x20 | 3x15 | 2x20 = 125

● F max. = 290 kN
(500.000 Hub/Stroke/Course)

37	**50**	**61**	**61**	**61**	**50**	37
43	**61**	**76**	**113**	**76**	**61**	43
47	**69**	**101**	**151**	**101**	**69**	**47**
50	**77**	**115**	**152**	**115**	**77**	**50**
47	**69**	**101**	**152**	**101**	**69**	**47**
43	**61**	**84**	**145**	**84**	**61**	43
39	**52**	**69**	**122**	**69**	**52**	39

SN5650-PMOKL-0125-50°

36	47	53	70	53	47	36	22
42	59	66	**91**	66	59	42	6x18
46	67	**99**	**167**	**99**	67	46	130
49	**74**	**119**	**286**	**119**	**74**	49	
46	66	**99**	**205**	**99**	66	46	
42	58	**82**	**155**	**82**	58	42	
37	49	67	**114**	67	49	37	

2x20 | 3x15 | 2x20 = 125

● F max. = 296 kN
(500.000 Hub/Stroke/Course)

36	47	**53**	**53**	**53**	47	36
42	**59**	**66**	**91**	**66**	**59**	42
46	**67**	**99**	**167**	**99**	**67**	46
49	**74**	**119**	**169**	**119**	**74**	49
46	**66**	**99**	**169**	**99**	**66**	46
42	**58**	**82**	**155**	**82**	**58**	42
37	49	**67**	**114**	**67**	49	37

SN5650-PMOKL-0125-55°

34	44	49	**63**	49	44	34	22
40	54	58	**78**	58	54	40	6x18
46	63	**79**	**123**	**79**	63	46	130
49	**73**	**104**	**214**	**104**	**73**	49	
49	70	**110**	**233**	**110**	70	49	
45	62	**92**	**172**	**92**	62	45	
40	53	73	**127**	73	53	40	

2x20 | 3x15 | 2x20 = 125

● F max. = 297 kN
(500.000 Hub/Stroke/Course)

34	43	**49**	**49**	**49**	43	34
40	**54**	**58**	**77**	**58**	**54**	40
46	**63**	**79**	**123**	**79**	**63**	46
49	**73**	**105**	**159**	**105**	**73**	49
49	**70**	**110**	**196**	**110**	**70**	49
45	**62**	**92**	**173**	**92**	**62**	45
40	53	**73**	**126**	**73**	53	40

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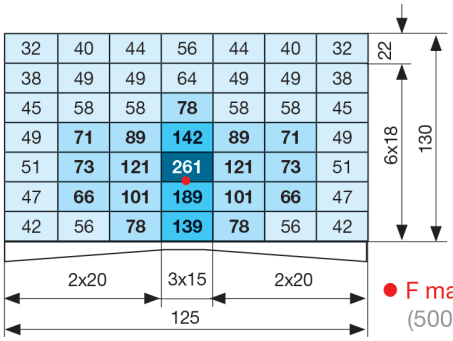
SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-60°

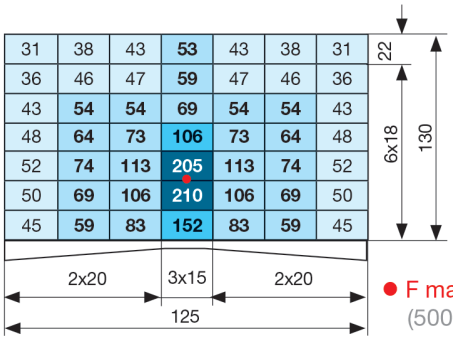


32	40	44	56	44	40	32
38	49	49	64	49	49	38
45	58	58	**78**	58	58	45
49	**71**	**89**	**142**	**89**	**71**	49
51	**73**	**121**	**261**	**121**	**73**	51
47	**66**	**101**	**189**	**101**	**66**	47
42	56	**78**	**139**	**78**	56	42

● F max. = 297 kN
(500.000 Hub/Stroke/Course)

31	39	44	44	44	39	31
38	49	49	63	49	49	38
45	58	58	**78**	58	58	45
49	**71**	**91**	**148**	**91**	**71**	49
51	**74**	**121**	**222**	**121**	**74**	51
47	66	**101**	**190**	**101**	66	47
42	56	**78**	**138**	**78**	56	42

SN5650-PMOKL-0125-65°

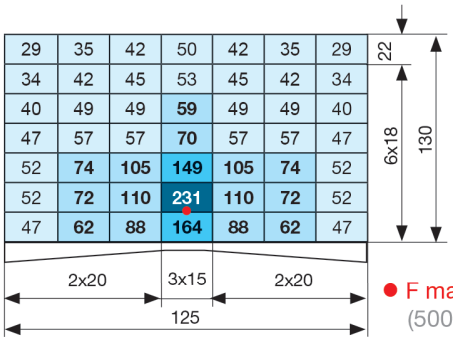


31	38	43	**53**	43	38	31
36	46	47	**59**	47	46	36
43	**54**	**54**	**69**	**54**	**54**	43
48	**64**	**73**	**106**	**73**	**64**	48
52	**74**	**113**	**205**	**113**	**74**	52
50	**69**	**106**	**210**	**106**	**69**	50
45	**59**	**83**	**152**	**83**	**59**	45

● F max. = 277 kN
(500.000 Hub/Stroke/Course)

30	36	42	42	42	36	30
36	45	47	58	47	45	36
43	54	54	**69**	54	54	43
48	**65**	**75**	**109**	**75**	**65**	48
52	**74**	**115**	**189**	**115**	**74**	52
49	**69**	**105**	**209**	**105**	**69**	49
44	59	**82**	**150**	**82**	59	44

SN5650-PMOKL-0125-70°

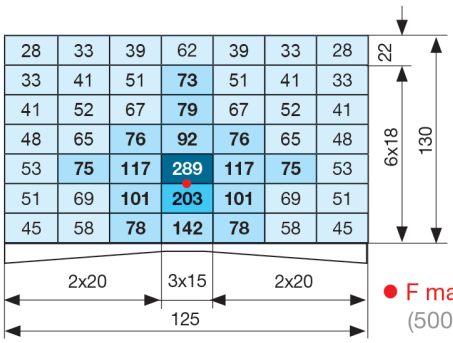


29	35	42	50	42	35	29
34	42	45	53	45	42	34
40	49	49	**59**	49	49	40
47	57	57	**70**	57	57	47
52	**74**	**105**	**149**	**105**	**74**	52
52	**72**	**110**	**231**	**110**	**72**	52
47	**62**	**88**	**164**	**88**	**62**	47

● F max. = 256 kN
(500.000 Hub/Stroke/Course)

28	33	40	40	40	33	28
33	41	45	53	45	41	33
40	49	49	**59**	49	49	40
47	58	58	**70**	58	58	47
52	**73**	**108**	**155**	**108**	**73**	52
51	**71**	**108**	**227**	**108**	**71**	51
46	61	**86**	**161**	**86**	61	46

SN5650-PMOKL-0125-75°



28	33	39	62	39	33	28
33	41	51	**73**	51	41	33
41	52	67	**79**	67	52	41
48	65	**76**	**92**	**76**	65	48
53	**75**	**117**	**289**	**117**	**75**	53
51	69	**101**	**203**	**101**	69	51
45	58	**78**	**142**	**78**	58	45

● F max. = 290 kN
(500.000 Hub/Stroke/Course)

28	33	39	39	39	33	28
33	41	51	73	51	41	33
41	52	67	79	67	52	41
48	65	76	**92**	76	65	48
53	75	**117**	**289**	**117**	75	53
51	69	**101**	**203**	**101**	69	51
45	58	78	**142**	78	58	45

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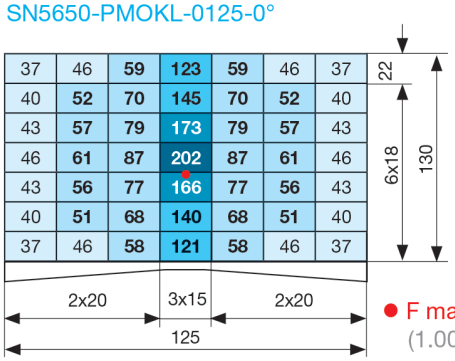
SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-0°

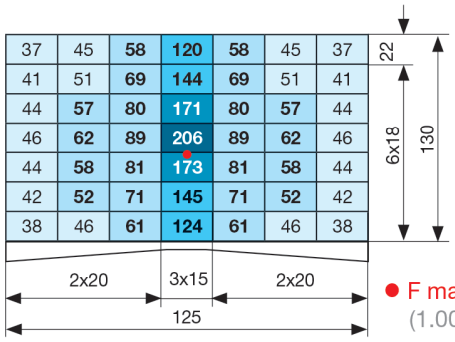


37	46	59	123	59	46	37
40	52	70	145	70	52	40
43	57	79	173	79	57	43
46	61	87	202	87	61	46
43	56	77	166	77	56	43
40	51	68	140	68	51	40
37	46	58	121	58	46	37

37	42	48	48	48	42	37
37	42	48	56	48	42	37
37	42	48	56	48	42	37
37	42	48	56	48	42	37
37	42	48	56	48	42	37
37	42	48	56	48	42	37
37	42	48	56	48	42	37

● F max. = 205 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-5°

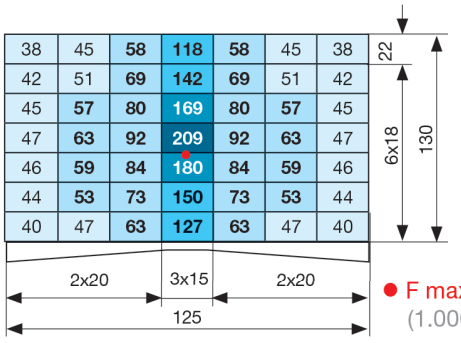


37	45	58	120	58	45	37
41	51	69	144	69	51	41
44	57	80	171	80	57	44
46	62	89	206	89	62	46
44	58	81	173	81	58	44
42	52	71	145	71	52	42
38	46	61	124	61	46	38

37	43	52	52	52	43	37
39	46	52	61	52	46	39
39	46	52	61	52	46	39
39	46	52	61	52	46	39
39	46	52	61	52	46	39
39	46	52	61	52	46	39
38	45	52	61	52	45	38

● F max. = 209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-10°

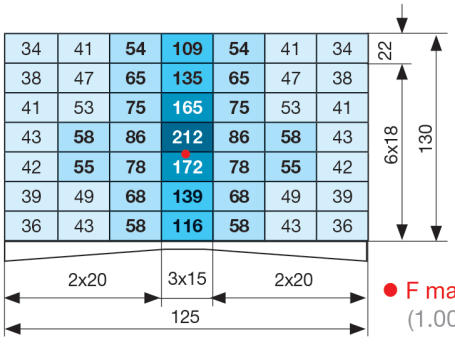


38	45	58	118	58	45	38
42	51	69	142	69	51	42
45	57	80	169	80	57	45
47	63	92	209	92	63	47
46	59	84	180	84	59	46
44	53	73	150	73	53	44
40	47	63	127	63	47	40

38	45	57	57	57	45	38
40	49	57	66	57	49	40
40	49	57	66	57	49	40
40	49	57	66	57	49	40
40	49	57	66	57	49	40
40	49	57	66	57	49	40
40	47	57	66	57	47	40

● F max. = 213 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-15°



34	41	54	109	54	41	34
38	47	65	135	65	47	38
41	53	75	165	75	53	41
43	58	86	212	86	58	43
42	55	78	172	78	55	42
39	49	68	139	68	49	39
36	43	58	116	58	43	36

35	45	58	58	58	45	35
39	52	65	91	65	52	39
40	55	73	91	73	55	40
42	58	76	91	76	58	42
41	55	73	91	73	55	41
39	52	65	91	65	52	39
37	47	59	89	59	47	37

● F max. = 215 kN
(1.000.000 Hub/Stroke/Course)

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SN5650-PMOKL-0125-

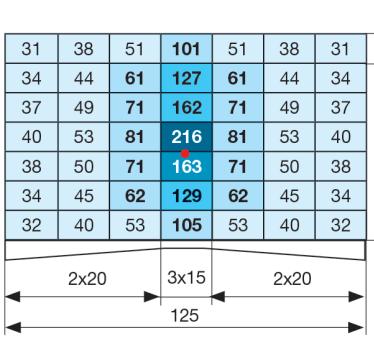
Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-20°

31	38	51	**101**	51	38	31
34	44	**61**	**127**	**61**	44	34
37	49	**71**	**162**	**71**	49	37
40	53	**81**	**216**	**81**	53	40
38	50	**71**	**163**	**71**	50	38
34	45	**62**	**129**	**62**	45	34
32	40	53	**105**	53	40	32

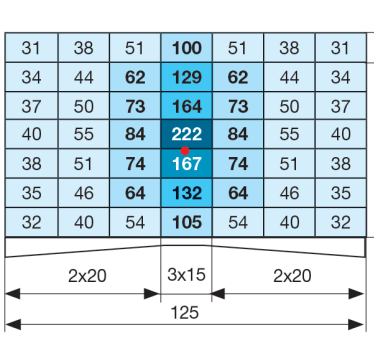


33	**45**	**59**	**59**	**59**	**45**	33
38	**54**	**73**	**115**	**73**	**54**	**38**
40	**61**	**89**	**115**	**89**	**61**	**40**
44	**68**	**95**	**115**	**95**	**68**	**44**
41	**62**	**89**	**115**	**89**	**62**	**41**
38	**55**	**73**	**115**	**73**	**55**	**38**
34	**46**	**61**	**111**	**61**	**46**	34

● F max. = 218 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-25°

31	38	51	**100**	51	38	31
34	44	**62**	**129**	**62**	44	34
37	50	**73**	**164**	**73**	50	37
40	55	**84**	**222**	**84**	55	40
38	51	**74**	**167**	**74**	51	38
35	46	**64**	**132**	**64**	46	35
32	40	54	**105**	54	40	32

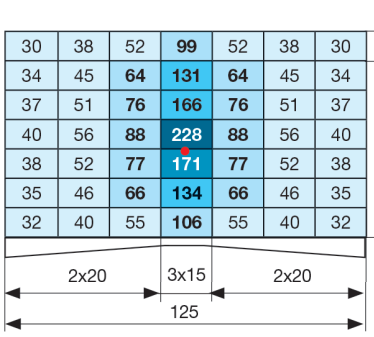


33	**45**	**59**	**59**	**59**	**45**	33
38	**54**	**73**	**115**	**73**	**54**	**38**
40	**61**	**89**	**115**	**89**	**61**	**40**
44	**68**	**95**	**115**	**95**	**68**	**44**
41	**62**	**89**	**115**	**89**	**62**	**41**
38	**55**	**73**	**115**	**73**	**55**	**38**
34	**46**	**61**	**111**	**61**	**46**	34

● F max. = 223 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-30°

30	38	52	**99**	52	38	30
34	45	**64**	**131**	**64**	45	34
37	51	**76**	**166**	**76**	51	37
40	56	**88**	**228**	**88**	56	40
38	52	**77**	**171**	**77**	52	38
35	46	**66**	**134**	**66**	46	35
32	40	55	**106**	55	40	32

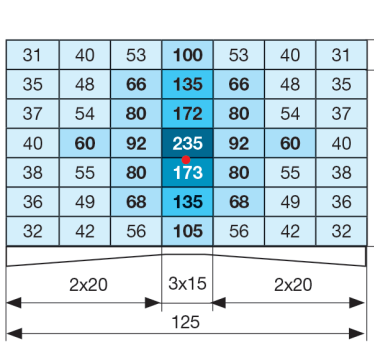


33	**45**	**59**	**59**	**59**	**45**	33
38	**54**	**73**	**115**	**73**	**54**	**38**
40	**61**	**89**	**115**	**89**	**61**	**40**
44	**68**	**95**	**115**	**95**	**68**	**44**
41	**62**	**89**	**115**	**89**	**62**	**41**
38	**55**	**73**	**115**	**73**	**55**	**38**
34	**46**	**61**	**111**	**61**	**46**	34

● F max. = 229 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0125-35°

31	40	53	**100**	53	40	31
35	48	**66**	**135**	**66**	48	35
37	54	**80**	**172**	**80**	54	37
40	**60**	**92**	**235**	**92**	**60**	40
38	55	**80**	**173**	**80**	55	38
36	49	**68**	**135**	**68**	49	36
32	42	56	**105**	56	42	32



33	**45**	**59**	**59**	**59**	**45**	33
38	**54**	**73**	**115**	**73**	**54**	**38**
40	**61**	**89**	**115**	**89**	**61**	**40**
44	**68**	**95**	**115**	**95**	**68**	**44**
41	**62**	**89**	**115**	**89**	**62**	**41**
38	**55**	**73**	**115**	**73**	**55**	**38**
34	**46**	**61**	**111**	**61**	**46**	34

● F max. = 236 kN
(1.000.000 Hub/Stroke/Course)

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SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-40°

31	42	55	**101**	55	42	31	22
35	51	**69**	**138**	**69**	51	35	6x18
38	58	**83**	**179**	**83**	58	38	
41	**64**	**97**	**242**	**97**	**64**	41	
39	58	**83**	**175**	**83**	58	39	
36	52	**69**	**136**	**69**	52	36	
32	44	57	**104**	57	44	32	130

2x20 | 3x15 | 2x20 — 125

● F max. = 243 kN
(1.000.000 Hub/Stroke/Course)

33	**45**	**59**	**59**	**59**	**45**	33
38	**54**	**73**	**115**	**73**	**54**	**38**
40	**61**	**89**	**115**	**89**	**61**	**40**
44	**68**	**95**	**115**	**95**	**68**	**44**
41	**62**	**89**	**115**	**89**	**62**	**41**
38	**55**	**73**	**115**	**73**	**55**	**38**
34	**46**	**61**	**111**	**61**	**46**	34

SN5650-PMOKL-0125-45°

31	41	50	**81**	50	41	31	22
36	51	**63**	**108**	**63**	51	36	6x18
39	58	**84**	**161**	**84**	58	39	
42	**64**	**100**	**244**	**100**	**64**	42	
39	57	**84**	**175**	**84**	57	39	
36	51	**70**	**135**	**70**	51	36	
32	43	57	**101**	57	43	32	130

2x20 | 3x15 | 2x20 — 125

● F max. = 249 kN
(1.000.000 Hub/Stroke/Course)

32	**43**	**52**	**52**	**52**	**43**	32
37	**52**	**65**	**97**	**65**	**52**	37
40	**59**	**87**	**129**	**87**	**59**	**40**
43	**66**	**99**	**130**	**99**	**66**	**43**
40	**59**	**87**	**130**	**87**	**59**	**40**
37	**52**	**72**	**124**	**72**	**52**	37
33	**44**	**59**	**104**	**59**	**44**	33

SN5650-PMOKL-0125-50°

31	40	46	60	46	40	31	22
36	51	57	**78**	57	51	36	6x18
40	58	**85**	**144**	**85**	58	40	
42	**64**	**102**	**246**	**102**	**64**	42	
40	57	**85**	**176**	**85**	57	40	
36	50	**71**	**133**	**71**	50	36	
32	42	58	**98**	58	42	32	130

2x20 | 3x15 | 2x20 — 125

● F max. = 255 kN
(1.000.000 Hub/Stroke/Course)

31	40	**46**	**46**	**46**	40	31
36	**51**	**57**	**78**	**57**	**51**	36
40	**58**	**85**	**144**	**85**	**58**	40
42	**64**	**102**	**145**	**102**	**64**	42
40	**57**	**85**	**145**	**85**	**57**	40
36	**50**	**71**	**133**	**71**	**50**	36
32	42	**58**	**98**	**58**	42	32

SN5650-PMOKL-0125-55°

29	37	42	**54**	42	37	29	22
34	46	49	**67**	49	46	34	6x18
39	**54**	**68**	**105**	**68**	**54**	39	
42	**62**	**89**	**184**	**89**	**62**	42	
42	**60**	**95**	**200**	**95**	**60**	42	
38	**53**	**79**	**148**	**79**	**53**	38	
34	45	**62**	**109**	**62**	45	34	130

2x20 | 3x15 | 2x20 — 125

● F max. = 255 kN
(1.000.000 Hub/Stroke/Course)

29	37	42	42	42	37	29
34	46	49	**66**	46	49	34
39	**54**	**68**	**105**	**68**	**54**	39
42	**62**	**90**	**136**	**90**	**62**	42
42	**60**	**95**	**168**	**95**	**60**	42
38	**53**	**79**	**148**	**79**	**53**	38
34	45	**62**	**108**	**62**	45	34

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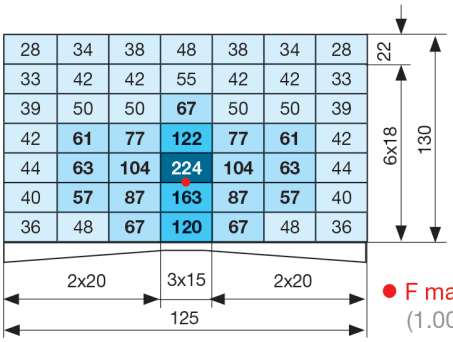
SN5650-PMOKL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0125-60°

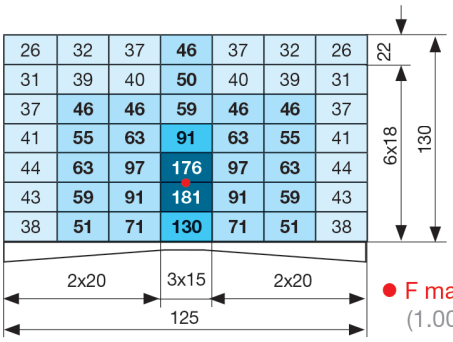


28	34	38	48	38	34	28
33	42	42	55	42	42	33
39	50	50	**67**	50	50	39
42	**61**	**77**	**122**	**77**	**61**	42
44	**63**	**104**	**224**	**104**	**63**	44
40	**57**	**87**	**163**	**87**	**57**	40
36	48	**67**	**120**	**67**	48	36

● F max. = 255 kN
(1.000.000 Hub/Stroke/Course)

27	34	38	38	38	34	27
33	42	42	54	42	42	33
39	50	50	**67**	50	50	39
42	**61**	**78**	**127**	**78**	**61**	42
44	**64**	**104**	**191**	**104**	**64**	44
40	57	**87**	**163**	**87**	57	40
36	48	**67**	**119**	**67**	48	36

SN5650-PMOKL-0125-65°

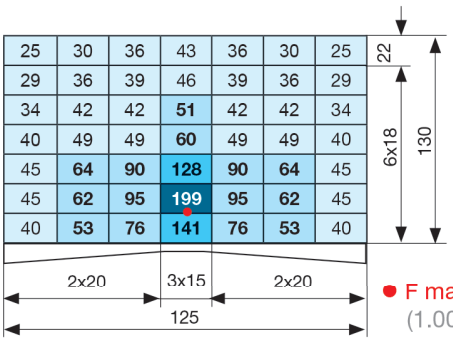


26	32	37	**46**	37	32	26
31	39	40	**50**	40	39	31
37	**46**	**46**	**59**	**46**	**46**	37
41	**55**	**63**	**91**	**63**	**55**	41
44	**63**	**97**	**176**	**97**	**63**	44
43	**59**	**91**	**181**	**91**	**59**	43
38	**51**	**71**	**130**	**71**	**51**	38

● F max. = 238 kN
(1.000.000 Hub/Stroke/Course)

25	31	36	36	36	31	25
31	39	40	**50**	40	39	31
37	46	46	**59**	46	46	37
41	**55**	**64**	**94**	**64**	**55**	41
44	**63**	**98**	**162**	**98**	**63**	44
42	**59**	**90**	**179**	**90**	**59**	42
38	50	**71**	**129**	**71**	50	38

SN5650-PMOKL-0125-70°

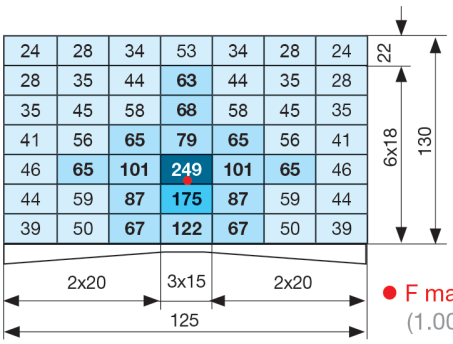


25	30	36	43	36	30	25
29	36	39	46	39	36	29
34	42	42	**51**	42	42	34
40	49	49	**60**	49	49	40
45	**64**	**90**	**128**	**90**	**64**	45
45	**62**	**95**	**199**	**95**	**62**	45
40	**53**	**76**	**141**	**76**	**53**	40

● F max. = 220 kN
(1.000.000 Hub/Stroke/Course)

24	28	34	34	34	28	24
28	35	39	46	39	35	28
34	42	42	**51**	42	42	34
40	50	50	**60**	50	50	40
45	**63**	**93**	**133**	**93**	**63**	45
44	**61**	**93**	**195**	**93**	**61**	44
40	52	**74**	**138**	**74**	52	40

SN5650-PMOKL-0125-75°



24	28	34	53	34	28	24
28	35	44	**63**	44	35	28
35	45	58	**68**	58	45	35
41	56	**65**	**79**	**65**	56	41
46	**65**	**101**	**249**	**101**	**65**	46
44	59	**87**	**175**	**87**	59	44
39	50	**67**	**122**	**67**	50	39

● F max. = 249 kN
(1.000.000 Hub/Stroke/Course)

24	28	34	34	34	28	24
28	35	44	63	44	35	28
35	45	58	68	58	45	35
41	56	65	**79**	65	56	41
46	65	**101**	**249**	**101**	65	46
44	59	**87**	**175**	**87**	59	44
39	50	67	**122**	67	50	39

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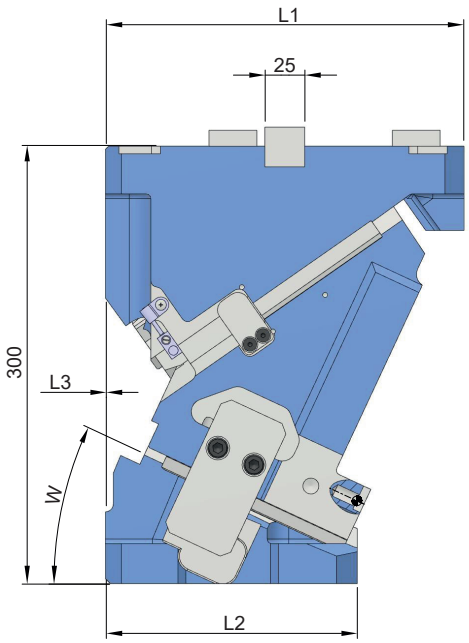


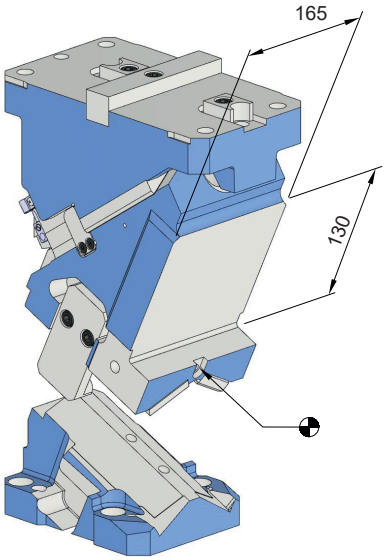
SN5650-PMOKL-0165-

Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	165 x 130 mm
Schieberbreite max.	*Cam unit width max.*	165 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 371 kN





Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



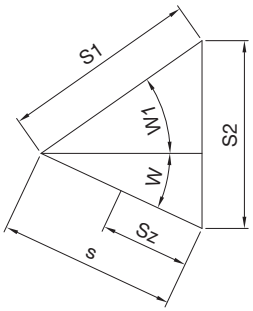
Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

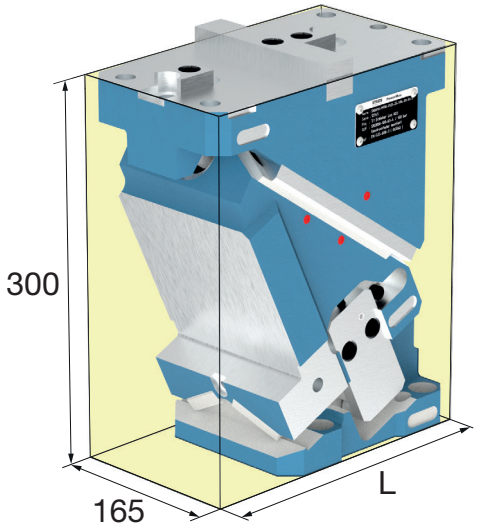


Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

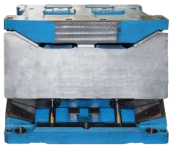
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SN5650-PMOKL-0165-

Oben hängender Kompakt-L-Schieber



E0



E1



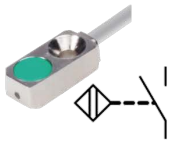
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E0-G0-S0-V04
0°	E0	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E0-G0-S1-V04
0°	E0	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E0-G1-S0-V04
0°	E0	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E0-G1-S1-V04
0°	E1	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E1-G0-S0-V04
0°	E1	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E1-G0-S1-V04
0°	E1	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E1-G1-S0-V04
0°	E1	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0165-00-E1-G1-S1-V04
5°	E0	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E0-G0-S0-V04
5°	E0	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E0-G0-S1-V04
5°	E0	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E0-G1-S0-V04
5°	E0	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E0-G1-S1-V04
5°	E1	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E1-G0-S0-V04
5°	E1	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E1-G0-S1-V04
5°	E1	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E1-G1-S0-V04
5°	E1	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0165-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0165-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0165-15-E1-G1-S1-V04
20°	E0	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E0-G0-S0-V04
20°	E0	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E0-G0-S1-V04
20°	E0	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E0-G1-S0-V04
20°	E0	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E0-G1-S1-V04
20°	E1	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E1-G0-S0-V04
20°	E1	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E1-G0-S1-V04
20°	E1	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E1-G1-S0-V04
20°	E1	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0165-20-E1-G1-S1-V04
25°	E0	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E0-G0-S0-V04
25°	E0	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E0-G0-S1-V04
25°	E0	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E0-G1-S0-V04
25°	E0	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E0-G1-S1-V04
25°	E1	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E1-G0-S0-V04
25°	E1	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E1-G0-S1-V04
25°	E1	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E1-G1-S0-V04
25°	E1	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0165-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0165-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0165-35-E1-G1-S1-V04
40°	E0	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E0-G0-S0-V04
40°	E0	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E0-G0-S1-V04
40°	E0	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E0-G1-S0-V04
40°	E0	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E0-G1-S1-V04
40°	E1	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E1-G0-S0-V04
40°	E1	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E1-G0-S1-V04
40°	E1	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E1-G1-S0-V04
40°	E1	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0165-40-E1-G1-S1-V04
45°	E0	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E0-G0-S0-V04
45°	E0	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E0-G0-S1-V04
45°	E0	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E0-G1-S0-V04
45°	E0	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E0-G1-S1-V04
45°	E1	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E1-G0-S0-V04
45°	E1	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E1-G0-S1-V04
45°	E1	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E1-G1-S0-V04
45°	E1	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0165-45-E1-G1-S1-V04
50°	E0	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E0-G0-S0-V04
50°	E0	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E0-G0-S1-V04
50°	E0	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E0-G1-S0-V04
50°	E0	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E0-G1-S1-V04
50°	E1	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E1-G0-S0-V04
50°	E1	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E1-G0-S1-V04

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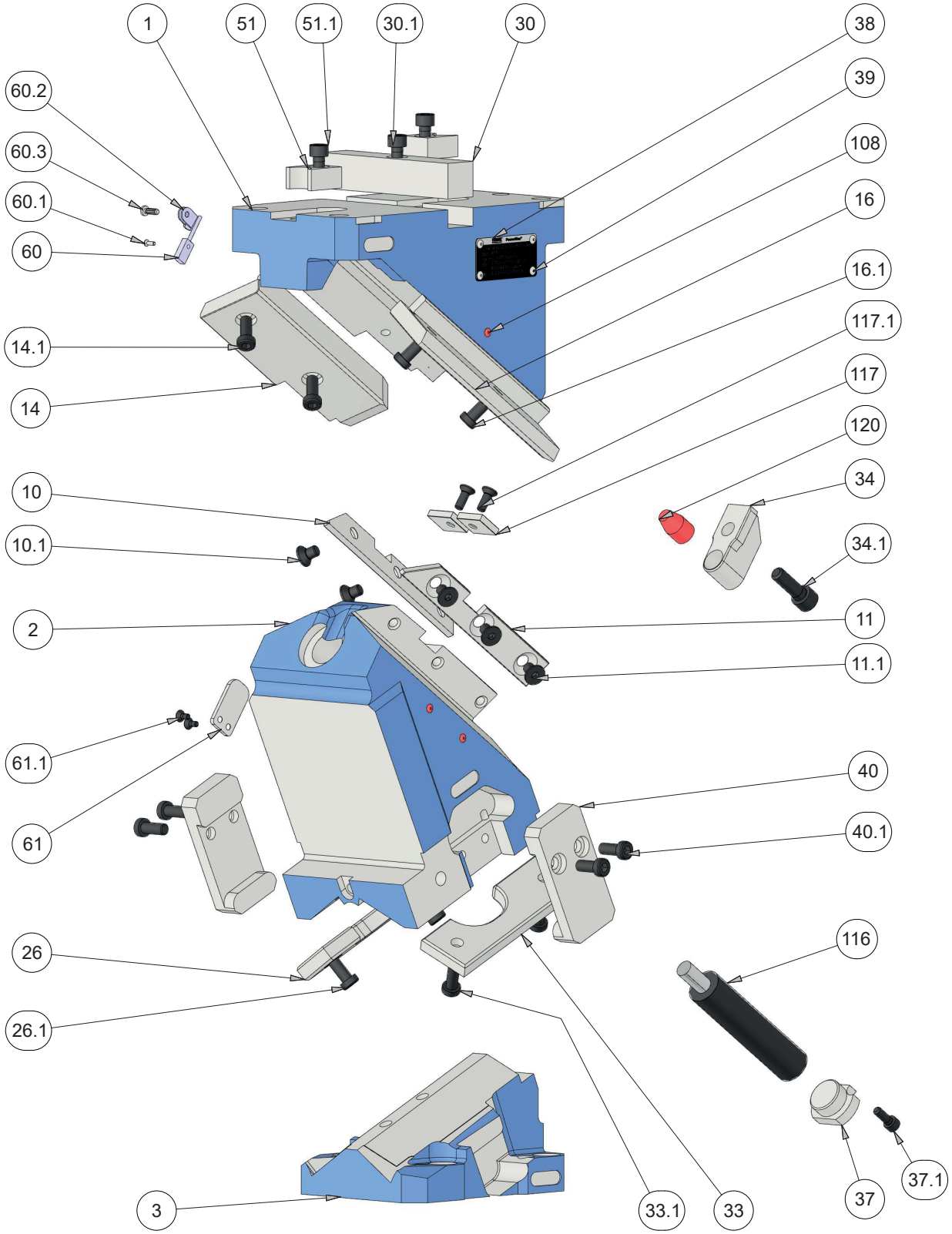


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E1-G1-S0-V04
50°	E1	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0165-50-E1-G1-S1-V04
55°	E0	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E0-G0-S0-V04
55°	E0	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E0-G0-S1-V04
55°	E0	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E0-G1-S0-V04
55°	E0	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E0-G1-S1-V04
55°	E1	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E1-G0-S0-V04
55°	E1	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E1-G0-S1-V04
55°	E1	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E1-G1-S0-V04
55°	E1	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0165-55-E1-G1-S1-V04
60°	E0	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E0-G0-S0-V04
60°	E0	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E0-G0-S1-V04
60°	E0	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E0-G1-S0-V04
60°	E0	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E0-G1-S1-V04
60°	E1	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E1-G0-S0-V04
60°	E1	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E1-G0-S1-V04
60°	E1	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E1-G1-S0-V04
60°	E1	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0165-60-E1-G1-S1-V04
65°	E0	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E0-G0-S0-V04
65°	E0	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E0-G0-S1-V04
65°	E0	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E0-G1-S0-V04
65°	E0	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E0-G1-S1-V04
65°	E1	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E1-G0-S0-V04
65°	E1	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E1-G0-S1-V04
65°	E1	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E1-G1-S0-V04
65°	E1	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0165-65-E1-G1-S1-V04
70°	E0	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E0-G0-S0-V04
70°	E0	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E0-G0-S1-V04
70°	E0	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E0-G1-S0-V04
70°	E0	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E0-G1-S1-V04
70°	E1	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E1-G0-S0-V04
70°	E1	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E1-G0-S1-V04
70°	E1	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E1-G1-S0-V04
70°	E1	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0165-70-E1-G1-S1-V04
75°	E0	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E0-G0-S0-V04
75°	E0	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E0-G0-S1-V04
75°	E0	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E0-G1-S0-V04
75°	E0	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E0-G1-S1-V04
75°	E1	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E1-G0-S0-V04
75°	E1	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E1-G0-S1-V04
75°	E1	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E1-G1-S0-V04
75°	E1	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0165-75-E1-G1-S1-V04

SN5650-PMOKL-0165-

Bauteile

Components



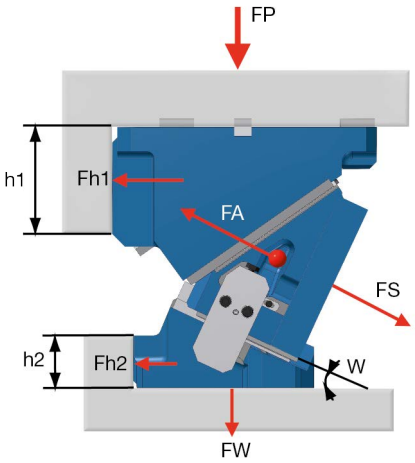
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0165-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	371	349	371	349	0	110	40	19
05°	386	364	355	329	27	105	50	26
10°	400	380	339	310	55	100	60	32
15°	403	384	315	280	73	90	55	37
20°	406	349	291	250	91	80	50	41
25°	420	403	275	225	103	85	50	47
30°	433	417	259	201	116	90	50	53
35°	451	436	245	177	123	75	55	53
40°	469	455	230	154	129	60	60	53
45°	477	464	210	128	125	65	63	54
50°	484	473	189	102	122	70	65	55
55°	490	480	169	80	111	65	80	55
60°	496	487	148	58	100	60	95	54
65°	498	491	126	41	84	63	103	54
70°	500	494	104	24	67	65	110	54
75°	504	499	87	12	44	65	110	54



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	308	290	308	290	0	110	40	19
05°	320	303	295	274	23	105	50	26
10°	332	316	281	258	45	100	60	32
15°	334	319	261	233	61	90	55	37
20°	337	290	241	208	76	80	50	41
25°	348	335	228	187	86	85	50	47
30°	359	347	215	167	96	90	50	53
35°	374	362	203	147	102	75	55	53
40°	389	378	191	128	107	60	60	53
45°	395	385	174	106	104	65	63	54
50°	402	393	157	85	101	70	65	55
55°	407	399	140	67	92	65	80	55
60°	412	405	122	48	83	60	95	54
65°	413	408	104	34	70	63	103	54
70°	415	410	86	20	56	65	110	54
75°	418	414	72	10	37	65	110	54

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-0°

56	72	90	114	222	114	90	72	56
59	79	100	131	253	131	100	79	59
61	85	110	150	293	150	110	85	61
63	91	120	169	347	169	120	91	63
63	89	118	164	330	164	118	89	63
60	84	108	146	282	146	108	84	60
58	78	98	128	246	128	98	78	58
56	71	89	112	217	112	89	71	56

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 371 kN
(500.000 Hub/Stroke/Course)

46	46	55	62	70	62	55	46	46
46	55	62	70	78	70	62	55	46
46	55	62	70	78	70	62	55	46
46	55	62	70	78	70	62	55	46
46	55	62	70	78	70	62	55	46
46	55	62	70	78	70	62	55	46
46	55	62	70	78	70	62	55	46
46	55	62	70	78	70	62	55	46

SN5650-PMOKL-0165-5°

55	73	90	115	220	115	90	73	55
58	80	101	132	254	132	101	80	58
60	85	112	153	295	153	112	85	60
62	90	123	174	350	174	123	90	62
63	90	124	176	352	176	124	90	63
60	85	113	156	298	156	113	85	60
58	80	102	135	258	135	102	80	58
56	74	92	118	225	118	92	74	56

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 386 kN
(500.000 Hub/Stroke/Course)

48	48	58	67	76	67	58	48	48
48	58	67	76	85	76	67	58	48
48	58	67	76	85	76	67	58	48
48	58	67	76	85	76	67	58	48
48	58	67	76	85	76	67	58	48
48	58	67	76	85	76	67	58	48
48	58	67	76	85	76	67	58	48
48	58	67	76	85	76	67	58	48

SN5650-PMOKL-0165-10°

54	74	90	115	218	115	90	74	54
56	80	101	133	255	133	101	80	56
59	84	113	156	296	156	113	84	59
61	89	125	179	352	179	125	89	61
62	90	129	187	374	187	129	90	62
60	86	118	165	314	165	118	86	60
58	82	106	142	270	142	106	82	58
55	77	95	123	233	123	95	77	55

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 400 kN
(500.000 Hub/Stroke/Course)

49	49	61	72	81	72	61	49	49
49	61	72	81	92	81	72	61	49
49	61	72	81	92	81	72	61	49
49	61	72	81	92	81	72	61	49
49	61	72	81	92	81	72	61	49
49	61	72	81	92	81	72	61	49
49	61	72	81	92	81	72	61	49
49	61	72	81	92	81	72	61	49

SN5650-PMOKL-0165-15°

53	72	91	117	217	117	91	72	53
56	78	102	136	258	136	102	78	56
59	83	115	161	302	161	115	83	59
61	87	128	188	361	188	128	87	61
61	88	133	196	382	196	133	88	61
59	84	121	171	319	171	121	84	59
57	80	108	146	273	146	108	80	57
55	75	96	125	233	125	96	75	55

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 403 kN
(500.000 Hub/Stroke/Course)

51	51	64	78	89	78	64	51	51
51	64	78	89	101	89	78	64	51
51	64	78	89	101	89	78	64	51
51	64	78	89	101	89	78	64	51
51	64	78	89	101	89	78	64	51
51	64	78	89	101	89	78	64	51
51	64	78	89	101	89	78	64	51
51	64	78	89	101	89	78	64	51

D 1801D 06.2022

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-20°

52	70	91	118	216	118	91	70	52
55	76	103	139	261	139	103	76	55
58	81	117	166	308	166	117	81	58
60	85	131	196	369	196	131	85	60
60	86	136	205	390	205	136	86	60
58	82	123	176	324	176	123	82	58
56	78	109	149	276	149	109	78	56
54	73	96	127	232	127	96	73	54

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 406 kN
(500.000 Hub/Stroke/Course)

52	52	66	84	96	84	66	52	52
52	66	83	96	109	96	83	66	52
52	66	83	96	109	96	83	66	52
52	66	83	96	109	96	83	66	52
52	66	83	96	109	96	83	66	52
52	66	83	96	109	96	83	66	52
52	66	83	96	109	96	83	66	52
52	66	83	96	109	96	83	66	52

SN5650-PMOKL-0165-25°

48	62	82	106	186	106	82	62	48
52	69	94	126	230	126	94	69	52
55	75	107	150	279	150	107	75	55
58	80	121	178	339	178	121	80	58
59	82	129	195	396	195	129	82	59
58	80	121	177	345	177	121	80	58
55	76	108	151	283	151	108	76	55
53	70	96	128	234	128	96	70	53

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 420 kN
(500.000 Hub/Stroke/Course)

48	48	60	78	95	78	60	48	48
50	64	84	102	120	102	84	64	50
52	67	86	102	120	102	86	67	52
54	68	86	102	120	102	86	68	54
54	68	86	102	120	102	86	68	54
54	68	86	102	120	102	86	68	54
53	68	86	102	120	102	86	68	53
52	67	86	102	120	102	86	67	52

SN5650-PMOKL-0165-30°

43	54	72	93	155	93	72	54	43
48	61	84	112	198	112	84	61	48
52	68	97	134	249	134	97	68	52
55	74	110	160	309	160	110	74	55
57	78	121	185	402	185	121	78	57
57	77	118	178	366	178	118	77	57
54	73	107	153	289	153	107	73	54
51	67	95	129	236	129	95	67	51

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 433 kN
(500.000 Hub/Stroke/Course)

43	43	54	72	93	72	54	43	43
48	61	84	108	131	108	84	61	48
52	68	89	108	131	108	89	68	52
55	69	89	108	131	108	89	69	55
55	69	89	108	131	108	89	69	55
55	69	89	108	131	108	89	69	55
54	69	89	108	131	108	89	69	54
51	67	89	108	131	108	89	67	51

SN5650-PMOKL-0165-35°

45	57	76	101	144	101	76	57	45
50	64	89	122	182	122	89	64	50
54	71	103	146	251	146	103	71	54
57	77	115	174	342	174	115	77	57
59	80	124	193	416	193	124	80	59
58	77	116	177	347	177	116	77	58
55	73	105	150	276	150	105	73	55
51	66	92	126	221	126	92	66	51

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 451 kN
(500.000 Hub/Stroke/Course)

45	45	57	76	101	76	57	45	45
50	64	89	120	146	120	89	64	50
54	71	97	120	146	120	97	71	54
57	74	97	120	146	120	97	74	57
58	74	97	120	146	120	97	74	58
57	73	97	120	146	120	97	73	57
55	71	96	120	146	120	96	71	55
51	66	89	116	146	116	89	66	51

D 1801D 06.2022

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-40°

47	59	79	109	133	109	79	59	47
52	67	94	132	166	132	94	67	52
56	74	108	158	253	158	108	74	56
59	79	119	187	374	187	119	79	59
61	82	126	201	429	201	126	82	61
58	77	114	175	328	175	114	77	58
55	72	103	146	262	146	103	72	55
51	64	88	123	206	123	88	64	51

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 469 kN
(500.000 Hub/Stroke/Course)

47	47	59	79	109	79	59	47	47
52	67	94	131	160	131	94	67	52
56	74	104	131	160	131	104	74	56
59	79	104	131	160	131	104	79	59
61	79	104	131	160	131	104	79	61
58	77	104	131	160	131	104	77	58
55	72	103	131	160	131	103	72	55
51	64	88	123	160	123	88	64	51

SN5650-PMOKL-0165-45°

47	58	76	99	120	99	76	58	47
52	66	90	115	142	115	90	66	52
57	74	106	136	197	136	106	74	57
60	80	118	172	292	172	118	80	60
63	84	127	211	451	211	127	84	63
60	80	117	185	348	185	117	80	60
57	74	105	155	274	155	105	74	57
53	66	90	130	213	130	90	66	53

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 477 kN
(500.000 Hub/Stroke/Course)

47	47	58	76	99	76	58	47	47
52	66	90	114	139	114	90	66	52
57	74	104	123	150	123	104	74	57
60	80	109	144	181	144	109	80	60
63	82	109	145	181	145	109	82	63
60	80	109	145	181	145	109	80	60
57	74	105	145	181	145	105	74	57
53	66	90	130	181	130	90	66	53

SN5650-PMOKL-0165-50°

46	56	72	88	106	88	72	56	46
51	64	86	97	117	97	86	64	51
57	73	103	114	140	114	103	73	57
61	80	116	157	210	157	116	80	61
64	86	128	220	472	220	128	86	64
62	82	119	194	367	194	119	82	62
59	76	107	163	285	163	107	76	59
54	68	92	136	220	136	92	68	54

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 484 kN
(500.000 Hub/Stroke/Course)

46	46	56	72	88	72	56	46	46
51	64	86	97	117	97	86	64	51
57	73	103	114	140	114	103	73	57
61	80	114	157	202	157	114	80	61
64	85	114	158	202	158	114	85	64
62	82	114	158	202	158	114	82	62
59	76	107	158	202	158	107	76	59
54	68	92	136	202	136	92	68	54

SN5650-PMOKL-0165-55°

47	56	71	89	106	89	71	56	47
52	64	84	97	116	97	84	64	52
58	74	102	113	137	113	102	74	58
63	82	117	151	199	151	117	82	63
66	88	129	220	474	220	129	88	66
64	84	121	195	371	195	121	84	64
61	78	108	163	284	163	108	78	61
55	69	92	132	217	132	92	69	55

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 490 kN
(500.000 Hub/Stroke/Course)

47	47	56	71	89	71	56	47	47
52	64	84	97	116	97	84	64	52
58	74	102	113	137	113	102	74	58
63	82	116	151	195	151	116	82	63
66	88	122	180	234	180	122	88	66
64	84	118	177	234	177	118	84	64
61	78	108	161	234	161	108	78	61
55	69	92	132	208	132	92	69	55

D 1801D 06.2022

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-60°

47	56	69	90	106	90	69	56	47
52	64	82	97	115	97	82	64	52
59	74	100	111	**134**	111	100	74	59
64	83	117	**145**	**187**	**145**	117	83	64
68	90	**130**	**219**	**475**	**219**	**130**	90	68
66	86	**122**	**196**	**375**	**196**	**122**	86	66
62	79	108	**163**	**283**	**163**	108	79	62
56	69	91	**128**	**213**	**128**	91	69	56

4x16,5 / 130 / 4x16

3x20 | 3x15 | 3x20 = 165

● F max. = 496 kN
(500.000 Hub/Stroke/Course)

47	47	56	69	**90**	69	56	47	47
52	64	**82**	**97**	**115**	**97**	**82**	64	52
59	74	**100**	**111**	**134**	**111**	**100**	74	59
64	**83**	**117**	**145**	**187**	**145**	**117**	**83**	64
68	**90**	**130**	**202**	**265**	**202**	**130**	**90**	68
66	**86**	**122**	**196**	**265**	**196**	**122**	**86**	66
62	79	**108**	**163**	**265**	**163**	**108**	79	62
56	69	**91**	**128**	**213**	**128**	**91**	69	56

SN5650-PMOKL-0165-65°

48	56	69	87	112	87	69	56	48
54	65	82	101	**119**	101	82	65	54
61	76	101	114	**135**	114	101	76	61
67	87	**120**	**141**	**174**	**141**	**120**	87	67
72	94	**134**	**218**	**460**	**218**	**134**	94	72
70	90	**126**	**196**	**382**	**196**	**126**	90	70
65	82	110	**160**	**283**	**160**	110	82	65
58	71	92	**124**	**210**	**124**	92	71	58

4x16,5 / 130 / 4x16

3x20 | 3x15 | 3x20 = 165

● F max. = 498 kN
(500.000 Hub/Stroke/Course)

48	48	56	69	87	69	56	48	48
54	65	82	**101**	**119**	**101**	82	65	54
61	76	**101**	**114**	**135**	**114**	**101**	76	61
67	87	**120**	**141**	**174**	**141**	**120**	87	67
72	94	**134**	**209**	**323**	**209**	**134**	94	72
70	90	**126**	**196**	**323**	**196**	**126**	90	70
65	82	**110**	**160**	**274**	**160**	**110**	82	65
58	71	92	**124**	**210**	**124**	92	71	58

SN5650-PMOKL-0165-70°

48	56	68	83	**117**	83	68	56	48
55	65	82	104	**123**	104	82	65	55
63	78	102	**117**	**135**	**117**	102	78	63
70	90	**123**	**137**	**161**	**137**	**123**	90	70
75	98	**138**	**216**	**444**	**216**	**138**	98	75
73	94	**130**	**195**	**389**	**195**	**130**	94	73
68	84	**112**	**157**	**283**	**157**	**112**	84	68
60	73	92	**119**	**207**	**119**	92	73	60

4x16,5 / 130 / 4x16

3x20 | 3x15 | 3x20 = 165

● F max. = 500 kN
(500.000 Hub/Stroke/Course)

48	48	56	68	83	68	56	48	48
55	65	82	104	**123**	104	82	65	55
63	78	102	**117**	**135**	**117**	102	78	63
70	90	**123**	**137**	**161**	**137**	**123**	90	70
75	98	**138**	**216**	**380**	**216**	**138**	98	75
73	94	**130**	**195**	**380**	**195**	**130**	94	73
68	84	112	**157**	**283**	**157**	112	84	68
60	73	92	**119**	**207**	**119**	92	73	60

SN5650-PMOKL-0165-75°

50	58	69	82	**133**	82	69	58	50
58	68	84	104	**168**	104	84	68	58
68	83	107	**142**	**179**	**142**	107	83	68
77	97	**130**	**178**	**204**	**178**	**130**	97	77
83	106	**148**	**221**	**457**	**221**	**148**	106	83
79	100	**135**	**194**	**378**	**194**	**135**	100	79
72	88	113	**152**	**272**	**152**	113	88	72
62	74	91	113	**194**	113	91	74	62

4x16,5 / 130 / 4x16

3x20 | 3x15 | 3x20 = 165

● F max. = 504 kN
(500.000 Hub/Stroke/Course)

50	50	58	69	82	69	58	50	50
58	68	84	104	**168**	104	84	68	58
68	83	107	**142**	**179**	**142**	107	83	68
77	97	130	**178**	**204**	**178**	130	97	77
83	106	**148**	**221**	**457**	**221**	**148**	106	83
79	100	135	**194**	**378**	**194**	135	100	79
72	88	113	**152**	**272**	**152**	113	88	72
62	74	91	113	**194**	113	91	74	62

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-0°

46	60	75	95	184	95	75	60	46
49	66	83	109	210	109	83	66	49
51	71	91	125	243	125	91	71	51
52	76	100	140	288	140	100	76	52
52	74	98	136	274	136	98	74	52
50	70	90	121	234	121	90	70	50
48	65	81	106	204	106	81	65	48
46	59	74	93	180	93	74	59	46

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 308 kN
(1.000.000 Hub/Stroke/Course)

38	38	46	51	58	51	46	38	38
38	46	51	58	65	58	51	46	38
38	46	51	58	65	58	51	46	38
38	46	51	58	65	58	51	46	38
38	46	51	58	65	58	51	46	38
38	46	51	58	65	58	51	46	38
38	46	51	58	65	58	51	46	38
38	46	51	58	65	58	51	46	38

SN5650-PMOKL-0165-5°

46	61	75	95	183	95	75	61	46
48	66	83	110	211	110	83	66	48
50	70	93	127	244	127	93	70	50
51	75	102	144	290	144	102	75	51
52	74	103	146	292	146	103	74	52
50	71	94	129	247	129	94	71	50
48	66	85	112	214	112	85	66	48
46	61	76	98	187	98	76	61	46

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 320 kN
(1.000.000 Hub/Stroke/Course)

39	39	48	56	63	56	48	39	39
39	48	56	63	71	63	56	48	39
39	48	56	63	71	63	56	48	39
39	48	56	63	71	63	56	48	39
39	48	56	63	71	63	56	48	39
39	48	56	63	71	63	56	48	39
39	48	56	63	71	63	56	48	39
39	48	56	63	71	63	56	48	39

SN5650-PMOKL-0165-10°

45	61	75	95	181	95	75	61	45
46	66	84	110	212	110	84	66	46
49	70	94	129	246	129	94	70	49
51	74	104	149	292	149	104	74	51
51	75	107	155	310	155	107	75	51
50	71	98	137	261	137	98	71	50
48	68	88	118	224	118	88	68	48
46	64	79	102	193	102	79	64	46

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 332 kN
(1.000.000 Hub/Stroke/Course)

41	41	51	60	67	60	51	41	41
41	51	60	67	76	67	60	51	41
41	51	60	67	76	67	60	51	41
41	51	60	67	76	67	60	51	41
41	51	60	67	76	67	60	51	41
41	51	60	67	76	67	60	51	41
41	51	60	67	76	67	60	51	41
41	51	60	67	76	67	60	51	41

SN5650-PMOKL-0165-15°

44	60	75	97	180	97	75	60	44
46	65	85	113	214	113	85	65	46
49	68	95	134	251	134	95	68	49
50	72	106	156	299	156	106	72	50
51	73	110	163	317	163	110	73	51
49	70	100	142	265	142	100	70	49
47	66	89	121	227	121	89	66	47
45	62	79	104	193	104	79	62	45

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 334 kN
(1.000.000 Hub/Stroke/Course)

42	42	53	65	73	65	53	42	42
42	53	64	73	83	73	64	53	42
42	53	64	73	83	73	64	53	42
42	53	64	73	83	73	64	53	42
42	53	64	73	83	73	64	53	42
42	53	64	73	83	73	64	53	42
42	53	64	73	83	73	64	53	42
42	53	64	73	83	73	64	53	42

D 1801D 06.2022

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-20°

43	58	76	98	179	98	76	58	43
46	63	85	115	217	115	85	63	46
48	67	97	138	256	138	97	67	48
50	71	109	163	306	163	109	71	50
50	71	113	170	324	170	113	71	50
48	68	102	146	269	146	102	68	48
46	65	90	124	229	124	90	65	46
45	61	80	105	193	105	80	61	45

4x16,5 | 4x16 | 130

3x20 | 3x15 | 3x20

165

● F max. = 337 kN
(1.000.000 Hub/Stroke/Course)

43	43	55	70	80	70	55	43	43
43	55	69	80	90	80	69	55	43
43	55	69	80	90	80	69	55	43
43	55	69	80	90	80	69	55	43
43	55	69	80	90	80	69	55	43
43	55	69	80	90	80	69	55	43
43	55	69	80	90	80	69	55	43
43	55	69	80	90	80	69	55	43

SN5650-PMOKL-0165-25°

39	51	68	88	154	88	68	51	39
43	57	78	104	190	104	78	57	43
46	62	89	125	231	125	89	62	46
48	66	100	148	281	148	100	66	48
49	68	107	162	329	162	107	68	49
48	66	100	147	286	147	100	66	48
46	63	90	125	234	125	90	63	46
44	58	79	106	194	106	79	58	44

4x16,5 | 4x16 | 130

3x20 | 3x15 | 3x20

165

● F max. = 348 kN
(1.000.000 Hub/Stroke/Course)

39	39	50	65	78	65	50	39	39
42	53	69	85	100	85	69	53	42
43	56	71	85	100	85	71	56	43
44	56	71	85	100	85	71	56	44
44	56	71	85	100	85	71	56	44
44	56	71	85	100	85	71	56	44
44	56	71	85	100	85	71	56	44
43	55	71	85	100	85	71	55	43

SN5650-PMOKL-0165-30°

36	45	60	77	129	77	60	45	36
40	51	70	93	164	93	70	51	40
43	56	81	111	207	111	81	56	43
46	61	91	133	256	133	91	61	46
47	65	100	154	334	154	100	65	47
47	64	98	148	304	148	98	64	47
45	61	89	127	240	127	89	61	45
42	56	79	107	196	107	79	56	42

4x16,5 | 4x16 | 130

3x20 | 3x15 | 3x20

165

● F max. = 359 kN
(1.000.000 Hub/Stroke/Course)

36	36	45	60	77	60	45	36	36
40	51	70	90	109	90	70	51	40
43	56	74	90	109	90	74	56	43
46	57	74	90	109	90	74	57	46
46	57	74	90	109	90	74	57	46
46	57	74	90	109	90	74	57	46
45	57	74	90	109	90	74	57	45
42	56	74	90	109	90	74	56	42

SN5650-PMOKL-0165-35°

37	47	63	84	120	84	63	47	37
42	53	74	101	151	101	74	53	42
45	59	85	121	208	121	85	59	45
47	63	95	144	283	144	95	63	47
49	66	103	160	345	160	103	66	49
48	64	96	146	288	146	96	64	48
45	60	87	124	229	124	87	60	45
42	54	76	105	183	105	76	54	42

4x16,5 | 4x16 | 130

3x20 | 3x15 | 3x20

165

● F max. = 374 kN
(1.000.000 Hub/Stroke/Course)

37	37	47	63	84	63	47	37	37
42	53	74	99	121	99	74	53	42
45	59	80	99	121	99	80	59	45
47	61	80	99	121	99	80	61	47
48	61	80	99	121	99	80	61	48
47	61	80	99	121	99	80	61	47
45	59	80	99	121	99	80	59	45
42	54	73	96	121	96	73	54	42

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-40°

39	49	66	**90**	**110**	**90**	66	49	39
43	56	78	**110**	**138**	**110**	78	56	43
46	61	**90**	**131**	**210**	**131**	**90**	61	46
49	66	**99**	**155**	**310**	**155**	**99**	66	49
51	68	**105**	**167**	**356**	**167**	**105**	68	51
48	64	**95**	**145**	**272**	**145**	**95**	64	48
46	60	85	**121**	**217**	**121**	85	60	46
42	53	73	**102**	**171**	**102**	73	53	42

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 389 kN
(1.000.000 Hub/Stroke/Course)

39	39	49	66	**90**	66	49	39	39
43	56	78	**109**	**133**	**109**	78	56	43
46	61	86	**109**	**133**	**109**	86	61	46
49	66	86	**109**	**133**	**109**	86	66	49
51	66	86	**109**	**133**	**109**	86	66	51
48	64	86	**109**	**133**	**109**	86	64	48
46	60	85	**109**	**133**	**109**	85	60	46
42	53	73	**102**	**133**	**102**	73	53	42

SN5650-PMOKL-0165-45°

39	48	63	82	**99**	82	63	48	39
43	54	75	**95**	**117**	**95**	75	54	43
47	61	88	**113**	**163**	**113**	88	61	47
50	66	**98**	**143**	**242**	**143**	**98**	66	50
52	70	**105**	**175**	**374**	**175**	**105**	70	52
50	66	**97**	**153**	**288**	**153**	**97**	66	50
47	61	87	**128**	**227**	**128**	87	61	47
44	55	75	**107**	**177**	**107**	75	55	44

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 395 kN
(1.000.000 Hub/Stroke/Course)

39	39	48	63	82	63	48	39	39
43	**54**	75	**95**	**115**	**95**	75	**54**	43
47	**61**	86	**102**	**125**	**102**	86	**61**	**47**
50	**66**	**90**	**120**	**150**	**120**	**90**	**66**	**50**
52	**68**	**90**	**120**	**150**	**120**	**90**	**68**	**52**
50	**66**	**90**	**120**	**150**	**120**	**90**	**66**	**50**
47	**61**	**87**	**120**	**150**	**120**	**87**	**61**	**47**
44	**55**	**75**	**107**	**150**	**107**	**75**	**55**	44

SN5650-PMOKL-0165-50°

38	46	60	73	88	73	60	46	38
42	53	71	81	97	81	71	53	42
47	61	85	95	**116**	95	85	61	47
51	66	96	**130**	**174**	**130**	96	66	51
53	71	**106**	**183**	**392**	**183**	**106**	71	53
51	68	**99**	**161**	**305**	**161**	**99**	68	51
49	63	89	**135**	**237**	**135**	89	63	49
45	56	76	**113**	**183**	**113**	76	56	45

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 402 kN
(1.000.000 Hub/Stroke/Course)

38	38	46	60	**73**	**60**	46	38	38
42	**53**	**71**	**81**	**97**	**81**	**71**	**53**	42
47	**61**	**85**	**95**	**116**	**95**	**85**	**61**	47
51	**66**	**95**	**130**	**168**	**130**	**95**	**66**	**51**
53	**71**	**95**	**131**	**168**	**131**	**95**	**71**	**53**
51	**68**	**95**	**131**	**168**	**131**	**95**	**68**	**51**
49	**63**	**89**	**131**	**168**	**131**	**89**	**63**	49
45	**56**	**76**	**113**	**168**	**113**	**76**	**56**	45

SN5650-PMOKL-0165-55°

39	46	59	74	88	74	59	46	39
43	53	70	81	96	81	70	53	43
48	61	84	93	**114**	93	84	61	48
52	68	97	**125**	**165**	**125**	97	68	52
55	73	**107**	**182**	**393**	**182**	**107**	73	55
53	70	**100**	**162**	**308**	**162**	**100**	70	53
50	64	89	**135**	**236**	**135**	89	64	50
46	57	76	**110**	**180**	**110**	76	57	46

4x16,5 / 4x16 / 130

3x20 | 3x15 | 3x20 = 165

● F max. = 407 kN
(1.000.000 Hub/Stroke/Course)

39	39	46	59	**74**	59	46	39	39
43	53	**70**	**81**	**96**	**81**	**70**	53	43
48	**61**	**84**	**93**	**114**	**93**	**84**	**61**	48
52	**68**	**96**	**125**	**161**	**125**	**96**	**68**	52
55	**73**	**101**	**149**	**194**	**149**	**101**	**73**	55
53	**70**	98	**147**	**194**	**147**	98	**70**	53
50	**64**	**89**	**133**	**194**	**133**	**89**	**64**	50
46	57	**76**	**110**	**172**	**110**	**76**	57	46

D 1801D 06.2022

SN5650-PMOKL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0165-60°

39	46	57	75	88	75	57	46	39
43	53	68	81	95	81	68	53	43
49	61	83	92	**111**	92	83	61	49
53	69	97	**120**	**155**	**120**	97	69	53
56	75	**108**	**182**	**394**	**182**	**108**	75	56
55	71	**101**	**163**	**311**	**163**	**101**	71	55
51	66	90	**135**	**235**	**135**	90	66	51
46	57	76	**106**	**177**	**106**	76	57	46

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 412 kN
(1.000.000 Hub/Stroke/Course)

39	39	46	57	**75**	57	46	39	39
43	53	**68**	**81**	**95**	**81**	**68**	53	43
49	61	**83**	**92**	**111**	**92**	**83**	61	49
53	**69**	**97**	**120**	**155**	**120**	**97**	**69**	53
56	**75**	**108**	**168**	**220**	**168**	**108**	**75**	56
55	**71**	**101**	**163**	**220**	**163**	**101**	**71**	55
51	66	**90**	**135**	**220**	**135**	**90**	66	51
46	57	**76**	**106**	**177**	**106**	**76**	57	46

SN5650-PMOKL-0165-65°

39	46	57	72	93	72	57	46	39
44	54	68	83	**99**	83	68	54	44
51	63	84	95	**112**	95	84	63	51
56	72	**100**	**117**	**144**	**117**	**100**	72	56
59	78	**111**	**181**	**381**	**181**	**111**	78	59
58	75	**105**	**162**	**317**	**162**	**105**	75	58
54	68	91	**133**	**235**	**133**	91	68	54
48	59	76	**103**	**174**	**103**	76	59	48

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 413 kN
(1.000.000 Hub/Stroke/Course)

39	39	46	57	72	57	46	39	39
44	54	68	**83**	**99**	**83**	68	54	44
51	63	**84**	**95**	**112**	**95**	**84**	63	51
56	72	**100**	**117**	**144**	**117**	**100**	72	56
59	78	**111**	**173**	**268**	**173**	**111**	78	59
58	75	**105**	**162**	**268**	**162**	**105**	75	58
54	68	**91**	**133**	**227**	**133**	**91**	68	54
48	59	76	**103**	**174**	**103**	76	59	48

SN5650-PMOKL-0165-70°

40	46	56	69	**97**	69	56	46	40
46	54	68	86	**102**	86	68	54	46
52	65	85	**97**	**112**	**97**	85	65	52
58	75	**102**	**114**	**134**	**114**	**102**	75	58
62	81	**115**	**179**	**369**	**179**	**115**	81	62
61	78	**108**	**162**	**323**	**162**	**108**	78	61
56	70	**93**	**130**	**235**	**130**	**93**	70	56
50	61	76	**99**	**172**	**99**	76	61	50

4x16,5 | 130 | 4x16

3x20 | 3x15 | 3x20

165

● F max. = 415 kN
(1.000.000 Hub/Stroke/Course)

40	40	46	56	69	56	46	40	40
46	54	68	86	**102**	86	68	54	46
52	65	85	**97**	**112**	**97**	85	65	52
58	75	**102**	**114**	**134**	**114**	**102**	75	58
62	81	**115**	**179**	**315**	**179**	**115**	81	62
61	78	**108**	**162**	**315**	**162**	**108**	78	61
56	70	93	**130**	**235**	**130**	93	70	56
50	61	76	**99**	**172**	**99**	76	61	50

SN5650-PMOKL-0165-75°

42	48	57	68	**110**	68	57	48	42
48	56	70	86	**139**	86	70	56	48
56	69	89	**118**	**149**	**118**	89	69	56
64	81	**108**	**148**	**169**	**148**	**108**	81	64
69	88	**123**	**183**	**379**	**183**	**123**	88	69
66	83	**112**	**161**	**314**	**161**	**112**	83	66
60	73	94	**126**	**226**	**126**	94	73	60
51	61	76	94	**161**	94	76	61	51

4x16,5 | 130 | 4x16

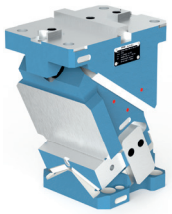
3x20 | 3x15 | 3x20

165

● F max. = 418 kN
(1.000.000 Hub/Stroke/Course)

42	42	48	57	68	57	48	42	42
48	56	70	86	**139**	86	70	56	48
56	69	89	**118**	**149**	**118**	89	69	56
64	81	108	**148**	**169**	**148**	108	81	64
69	88	**123**	**183**	**379**	**183**	**123**	88	69
66	83	112	**161**	**314**	**161**	112	83	66
60	73	94	**126**	**226**	**126**	94	73	60
51	61	76	94	**161**	94	76	61	51

D 1801D 06.2022

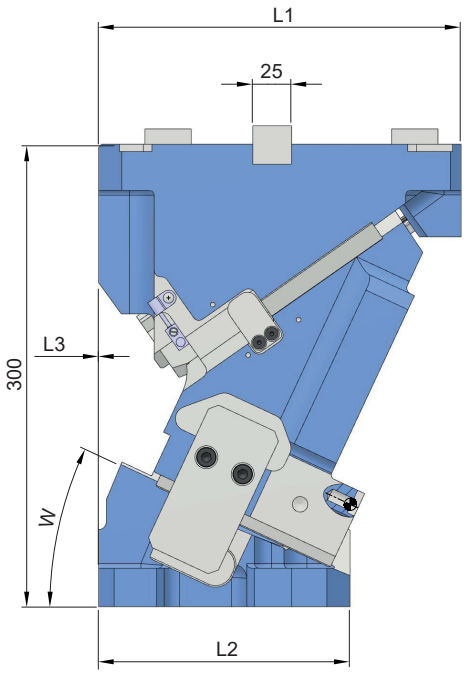


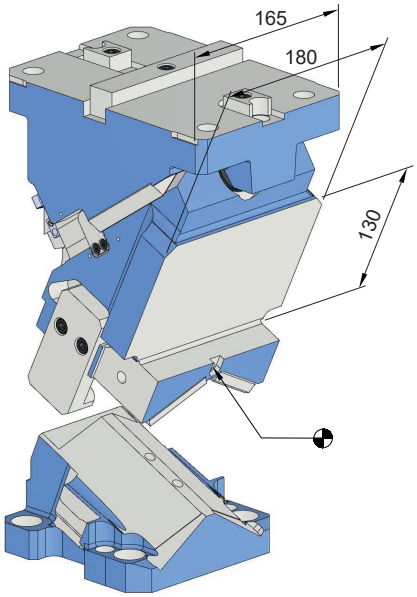
SN5650-PMOKL-0180-

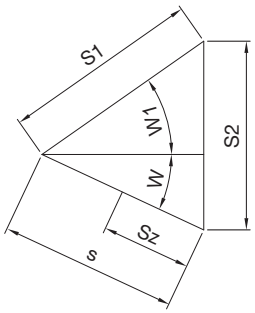
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	180 x 130 mm
Schieberbreite max.	*Cam unit width max.*	180 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 371 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

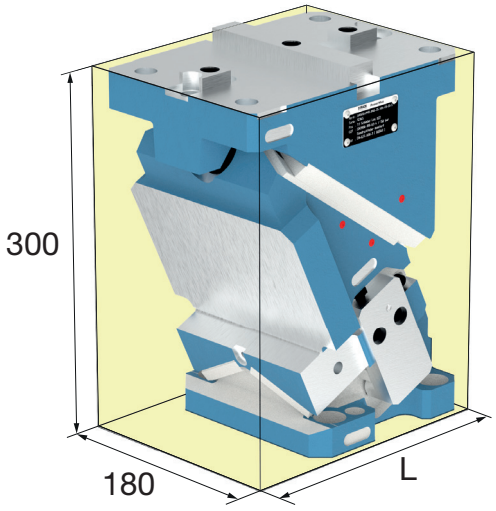
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

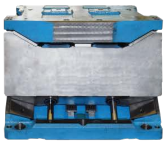
SN5650-PMOKL-0180-

Oben hängender Kompakt-L-Schieber



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



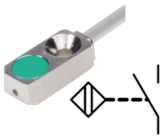
G0



S0



S1



W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E0-G0-S0-V04
0°	E0	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E0-G0-S1-V04
0°	E0	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E0-G1-S0-V04
0°	E0	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E0-G1-S1-V04
0°	E1	G0	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E1-G0-S0-V04
0°	E1	G0	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E1-G0-S1-V04
0°	E1	G1	S0	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E1-G1-S0-V04
0°	E1	G1	S1	230	47	28.6	42	30.7	15.4	230	225	0	SN5650-PMOKL-0180-00-E1-G1-S1-V04
5°	E0	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E0-G0-S0-V04
5°	E0	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E0-G0-S1-V04
5°	E0	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E0-G1-S0-V04
5°	E0	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E0-G1-S1-V04
5°	E1	G0	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E1-G0-S0-V04
5°	E1	G0	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E1-G0-S1-V04
5°	E1	G1	S0	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E1-G1-S0-V04
5°	E1	G1	S1	230	45	29.8	42	32.3	15.4	230	225	0	SN5650-PMOKL-0180-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	215	0	SN5650-PMOKL-0180-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E1-G1-S0-V04
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	215	0	SN5650-PMOKL-0180-15-E1-G1-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E0-G0-S0-V04
20°	E0	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E0-G0-S1-V04
20°	E0	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E0-G1-S0-V04
20°	E0	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E0-G1-S1-V04
20°	E1	G0	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E1-G0-S0-V04
20°	E1	G0	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E1-G0-S1-V04
20°	E1	G1	S0	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E1-G1-S0-V04
20°	E1	G1	S1	235	37	35.7	42	37.5	22.4	235	163	0	SN5650-PMOKL-0180-20-E1-G1-S1-V04
25°	E0	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E0-G0-S0-V04
25°	E0	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E0-G0-S1-V04
25°	E0	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E0-G1-S0-V04
25°	E0	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E0-G1-S1-V04
25°	E1	G0	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E1-G0-S0-V04
25°	E1	G0	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E1-G0-S1-V04
25°	E1	G1	S0	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E1-G1-S0-V04
25°	E1	G1	S1	235	35	38	42	40.1	22.4	235	163	0	SN5650-PMOKL-0180-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	0	SN5650-PMOKL-0180-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	0	SN5650-PMOKL-0180-35-E1-G1-S1-V04
40°	E0	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E0-G0-S0-V04
40°	E0	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E0-G0-S1-V04
40°	E0	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E0-G1-S0-V04
40°	E0	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E0-G1-S1-V04
40°	E1	G0	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E1-G0-S0-V04
40°	E1	G0	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E1-G0-S1-V04
40°	E1	G1	S0	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E1-G1-S0-V04
40°	E1	G1	S1	235	27	43	37	44.5	31.4	235	133	0	SN5650-PMOKL-0180-40-E1-G1-S1-V04
45°	E0	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E0-G0-S0-V04
45°	E0	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E0-G0-S1-V04
45°	E0	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E0-G1-S0-V04
45°	E0	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E0-G1-S1-V04
45°	E1	G0	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E1-G0-S0-V04
45°	E1	G0	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E1-G0-S1-V04
45°	E1	G1	S0	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E1-G1-S0-V04
45°	E1	G1	S1	235	25	47.4	37	49.2	31.4	235	133	0	SN5650-PMOKL-0180-45-E1-G1-S1-V04
50°	E0	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E0-G0-S0-V04
50°	E0	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E0-G0-S1-V04
50°	E0	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E0-G1-S0-V04
50°	E0	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E0-G1-S1-V04
50°	E1	G0	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E1-G0-S0-V04
50°	E1	G0	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E1-G0-S1-V04
50°	E1	G1	S0	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E1-G1-S0-V04

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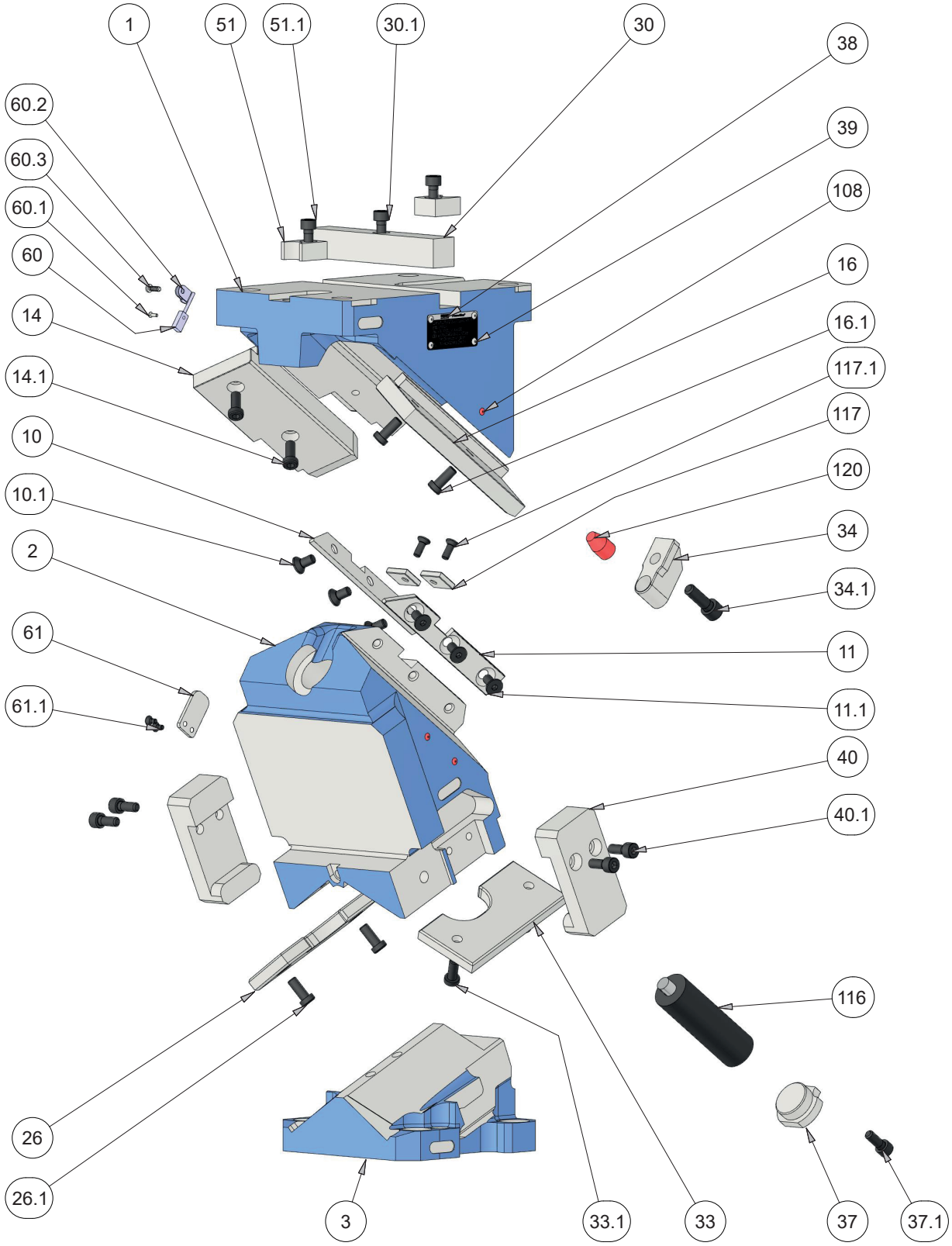


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S1	240	22	53.4	37	54.7	36.4	230	127	10	SN5650-PMOKL-0180-50-E1-G1-S1-V04
55°	E0	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E0-G0-S0-V04
55°	E0	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E0-G0-S1-V04
55°	E0	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E0-G1-S0-V04
55°	E0	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E0-G1-S1-V04
55°	E1	G0	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E1-G0-S0-V04
55°	E1	G0	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E1-G0-S1-V04
55°	E1	G1	S0	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E1-G1-S0-V04
55°	E1	G1	S1	240	20	60.6	37	62.3	36.4	230	127	10	SN5650-PMOKL-0180-55-E1-G1-S1-V04
60°	E0	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E0-G0-S0-V04
60°	E0	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E0-G0-S1-V04
60°	E0	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E0-G1-S0-V04
60°	E0	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E0-G1-S1-V04
60°	E1	G0	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E1-G0-S0-V04
60°	E1	G0	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E1-G0-S1-V04
60°	E1	G1	S0	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E1-G1-S0-V04
60°	E1	G1	S1	255	17	42.1	22	42.9	31.4	240	107	15	SN5650-PMOKL-0180-60-E1-G1-S1-V04
65°	E0	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E0-G0-S0-V04
65°	E0	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E0-G0-S1-V04
65°	E0	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E0-G1-S0-V04
65°	E0	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E0-G1-S1-V04
65°	E1	G0	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E1-G0-S0-V04
65°	E1	G0	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E1-G0-S1-V04
65°	E1	G1	S0	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E1-G1-S0-V04
65°	E1	G1	S1	255	15	50.3	22	51.3	31.4	240	107	15	SN5650-PMOKL-0180-65-E1-G1-S1-V04
70°	E0	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E0-G0-S0-V04
70°	E0	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E0-G0-S1-V04
70°	E0	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E0-G1-S0-V04
70°	E0	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E0-G1-S1-V04
70°	E1	G0	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E1-G0-S0-V04
70°	E1	G0	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E1-G0-S1-V04
70°	E1	G1	S0	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E1-G1-S0-V04
70°	E1	G1	S1	270	17	34.3	12	34.7	31.4	250	107	20	SN5650-PMOKL-0180-70-E1-G1-S1-V04
75°	E0	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E0-G0-S0-V04
75°	E0	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E0-G0-S1-V04
75°	E0	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E0-G1-S0-V04
75°	E0	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E0-G1-S1-V04
75°	E1	G0	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E1-G0-S0-V04
75°	E1	G0	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E1-G0-S1-V04
75°	E1	G1	S0	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E1-G1-S0-V04
75°	E1	G1	S1	270	15	45.7	12	46.2	31.4	250	107	20	SN5650-PMOKL-0180-75-E1-G1-S1-V04

SN5650-PMOKL-0180-

Bauteile

Components



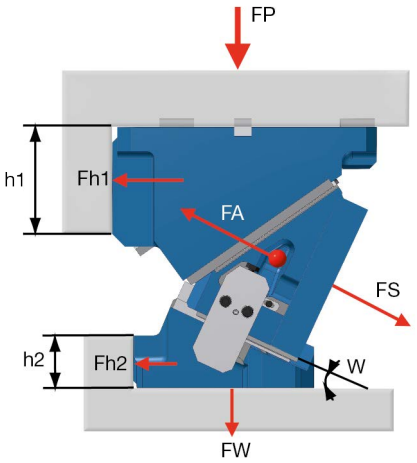
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0180-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	371	349	371	349	0	110	40	19
05°	386	364	355	329	27	105	50	26
10°	400	380	339	310	55	100	60	32
15°	403	384	315	280	73	90	55	37
20°	406	349	291	250	91	80	50	41
25°	420	403	275	225	103	85	50	47
30°	433	417	259	201	116	90	50	53
35°	451	436	245	177	123	75	55	53
40°	469	455	230	154	129	60	60	53
45°	477	464	210	128	125	65	63	54
50°	484	473	189	102	122	70	65	55
55°	490	480	169	80	111	65	80	55
60°	496	487	148	58	100	60	95	54
65°	498	491	126	41	84	63	103	54
70°	500	494	104	24	67	65	110	54
75°	504	499	87	12	44	65	110	54



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	271	255	271	255	0	110	40	19
05°	281	267	259	241	20	105	50	26
10°	292	278	248	227	40	100	60	32
15°	294	281	230	205	53	90	55	37
20°	296	255	212	183	67	80	50	41
25°	306	295	200	165	76	85	50	47
30°	316	305	189	147	85	90	50	53
35°	329	319	178	130	90	75	55	53
40°	342	333	168	113	94	60	60	53
45°	348	339	153	94	92	65	63	54
50°	353	345	138	75	89	70	65	55
55°	358	351	123	59	81	65	80	55
60°	362	356	108	42	74	60	95	54
65°	364	358	91	30	61	63	103	54
70°	365	361	75	18	49	65	110	54
75°	368	364	63	9	32	65	110	54

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-0°

50	69	82	106	222	106	82	69	50
52	73	91	121	253	121	91	73	52
54	76	99	136	293	136	99	76	54
56	80	107	151	347	151	107	80	56
56	79	105	147	330	147	105	79	56
54	76	97	133	282	133	97	76	54
52	73	89	118	246	118	89	73	52
50	69	81	104	217	104	81	69	50

4x16,5 / 130 / 4x16

3x20 | 3x20 | 3x20

180

● F max. = 371 kN
(500.000 Hub/Stroke/Course)

43	43	52	59	67	59	52	43	43
43	52	59	67	78	67	59	52	43
43	52	59	67	78	67	59	52	43
43	52	59	67	78	67	59	52	43
43	52	59	67	78	67	59	52	43
43	52	59	67	78	67	59	52	43
43	52	59	67	78	67	59	52	43
43	52	59	67	78	67	59	52	43

SN5650-PMOKL-0180-5°

50	67	82	107	220	107	82	67	50
52	71	91	122	254	122	91	71	52
54	74	100	138	295	138	100	74	54
55	78	109	155	350	155	109	78	55
56	78	110	157	352	157	110	78	56
54	75	101	141	298	141	101	75	54
52	72	92	124	258	124	92	72	52
50	68	84	109	225	109	84	68	50

4x16,5 / 130 / 4x16

3x20 | 3x20 | 3x20

180

● F max. = 386 kN
(500.000 Hub/Stroke/Course)

44	44	54	64	73	64	54	44	44
44	54	64	73	85	73	64	54	44
44	54	64	73	85	73	64	54	44
44	54	64	73	85	73	64	54	44
44	54	64	73	85	73	64	54	44
44	54	64	73	85	73	64	54	44
44	54	64	73	85	73	64	54	44
44	54	64	73	85	73	64	54	44

SN5650-PMOKL-0180-10°

49	65	82	107	218	107	82	65	49
51	69	91	122	255	122	91	69	51
53	72	101	140	296	140	101	72	53
54	76	110	159	252	159	110	76	54
55	77	114	166	374	166	114	77	55
53	74	105	148	314	148	105	74	53
52	71	95	130	270	130	95	71	52
50	67	86	113	233	113	86	67	50

4x16,5 / 130 / 4x16

3x20 | 3x20 | 3x20

180

● F max. = 400 kN
(500.000 Hub/Stroke/Course)

45	45	56	68	78	68	56	45	45
45	56	68	78	92	78	68	56	45
45	56	68	78	92	78	68	56	45
45	56	68	78	92	78	68	56	45
45	56	68	78	92	78	68	56	45
45	56	68	78	92	78	68	56	45
45	56	68	78	92	78	68	56	45
45	56	68	78	92	78	68	56	45

SN5650-PMOKL-0180-15°

48	64	84	108	217	108	84	64	48
51	68	94	125	258	125	94	68	51
53	71	105	145	302	145	105	71	53
54	75	113	166	361	166	113	75	54
55	76	116	173	382	173	116	76	55
53	73	108	153	319	153	108	73	53
52	70	98	132	273	132	98	70	52
50	66	88	115	233	115	88	66	50

4x16,5 / 130 / 4x16

3x20 | 3x20 | 3x20

180

● F max. = 403 kN
(500.000 Hub/Stroke/Course)

46	46	58	73	85	73	58	46	46
47	58	73	85	101	85	73	58	47
47	58	73	85	101	85	73	58	47
47	58	73	85	101	85	73	58	47
47	58	73	85	101	85	73	58	47
47	58	73	85	101	85	73	58	47
47	58	73	85	101	85	73	58	47
47	58	73	85	101	85	73	58	47

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SN5650-PMOKL-0180-

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Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-20°

47	62	86	109	216	109	86	62	47
50	67	96	127	261	127	96	67	50
52	70	108	149	308	149	108	70	52
54	73	115	172	369	172	115	73	54
54	74	117	179	390	179	117	74	54
53	71	110	157	324	157	110	71	53
51	68	101	134	276	134	101	68	51
49	65	90	116	232	116	90	65	49

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20 = 180

● F max. = 406 kN
(500.000 Hub/Stroke/Course)

47	47	60	78	92	78	60	47	47
49	60	78	92	109	92	78	60	49
49	60	78	92	109	92	78	60	49
49	60	78	92	109	92	78	60	49
49	60	78	92	109	92	78	60	49
49	60	78	92	109	92	78	60	49
49	60	78	92	109	92	78	60	49
49	60	78	92	109	92	78	60	49

SN5650-PMOKL-0180-25°

44	56	76	98	186	98	76	56	44
47	61	86	115	230	115	86	61	47
50	66	97	135	279	135	97	66	50
52	69	105	156	339	156	105	69	52
53	72	110	168	396	168	110	72	53
53	70	105	154	345	154	105	70	53
51	67	97	134	283	134	97	67	51
48	63	87	117	234	117	87	63	48

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20 = 180

● F max. = 420 kN
(500.000 Hub/Stroke/Course)

44	44	55	72	89	72	55	44	44
47	58	77	97	120	97	77	58	47
48	61	80	97	120	97	80	61	48
50	62	80	97	120	97	80	62	50
51	62	80	97	120	97	80	62	51
51	62	80	97	120	97	80	62	51
50	62	80	97	120	97	80	62	50
48	60	80	97	120	97	80	60	48

SN5650-PMOKL-0180-30°

40	50	65	86	155	86	65	50	40
44	55	75	102	198	102	75	55	44
47	61	85	121	249	121	85	61	47
50	65	94	139	309	139	94	65	50
52	69	102	157	402	157	102	69	52
52	68	100	151	366	151	100	68	52
50	65	92	134	289	134	92	65	50
47	60	84	117	236	117	84	60	47

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20 = 180

● F max. = 433 kN
(500.000 Hub/Stroke/Course)

40	40	50	65	86	65	50	40	40
44	55	75	102	131	102	75	55	44
47	61	81	102	131	102	81	61	47
50	63	81	102	131	102	81	63	50
52	63	81	102	131	102	81	63	52
52	63	81	102	131	102	81	63	52
50	63	81	102	131	102	81	63	50
47	60	81	102	131	102	81	60	47

SN5650-PMOKL-0180-35°

42	52	68	92	144	92	68	52	42
46	58	78	110	182	110	78	58	46
49	64	89	130	251	130	89	64	49
52	68	97	150	342	150	97	68	52
54	71	104	164	416	164	104	71	54
53	69	99	151	347	151	99	69	53
51	65	90	132	276	132	90	65	51
47	60	81	113	221	113	81	60	47

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20 = 180

● F max. = 451 kN
(500.000 Hub/Stroke/Course)

42	42	52	68	92	68	52	42	42
46	58	78	110	146	110	78	58	46
49	64	87	113	146	113	87	64	49
52	67	87	113	146	113	87	67	52
54	68	87	113	146	113	87	68	54
53	66	87	113	146	113	87	66	53
51	64	85	113	146	113	85	64	51
47	60	80	106	146	106	80	60	47

SN5650-PMOKL-0180-

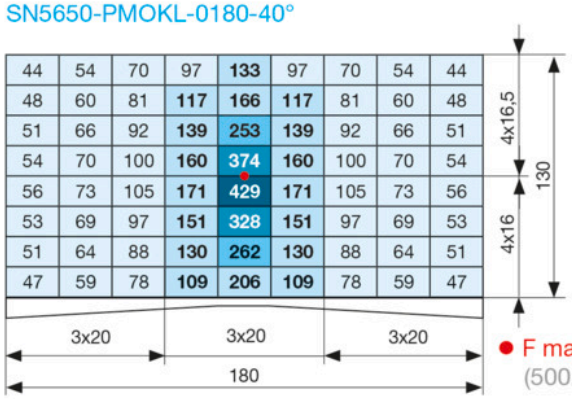
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Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-40°

44	54	70	97	**133**	97	70	54	44
48	60	81	**117**	**166**	**117**	81	60	48
51	66	92	**139**	**253**	**139**	92	66	51
54	70	100	**160**	**374**	**160**	100	70	54
56	73	105	**171**	**429**	**171**	105	73	56
53	69	97	**151**	**328**	**151**	97	69	53
51	64	88	**130**	**262**	**130**	88	64	51
47	59	78	**109**	**206**	**109**	78	59	47

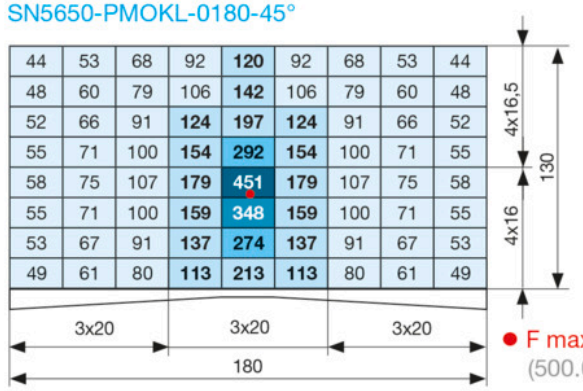


● F max. = 469 kN
(500.000 Hub/Stroke/Course)

44	44	54	70	**97**	70	54	44	44
48	**60**	**81**	**117**	**160**	**117**	**81**	**60**	**48**
51	**66**	**92**	**123**	**160**	**123**	**92**	**66**	**51**
54	**70**	**93**	**123**	**160**	**123**	**93**	**70**	**54**
56	**72**	**93**	**123**	**160**	**123**	**93**	**72**	**56**
53	**69**	**93**	**123**	**160**	**123**	**93**	**69**	**53**
51	**64**	**88**	**123**	**160**	**123**	**88**	**64**	**51**
47	**59**	**78**	**109**	**160**	**109**	**78**	**59**	47

SN5650-PMOKL-0180-45°

44	53	68	92	**120**	92	68	53	44
48	60	79	106	**142**	106	79	60	48
52	66	91	**124**	**197**	**124**	91	66	52
55	71	100	**154**	**292**	**154**	100	71	55
58	75	107	**179**	**451**	**179**	107	75	58
55	71	100	**159**	**348**	**159**	100	71	55
53	67	91	**137**	**274**	**137**	91	67	53
49	61	80	**113**	**213**	**113**	80	61	49

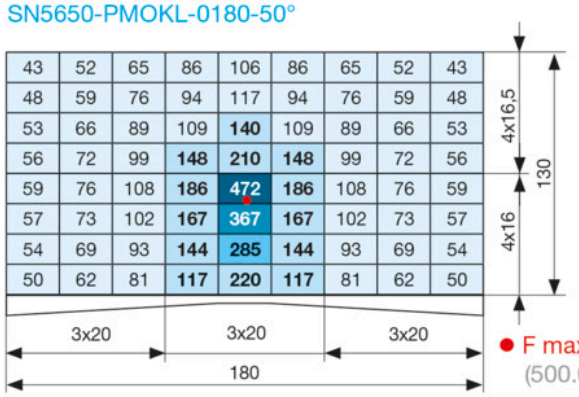


● F max. = 477 kN
(500.000 Hub/Stroke/Course)

44	44	53	68	**92**	68	53	44	44
48	**60**	**79**	**106**	**139**	**106**	**79**	**60**	48
52	**66**	**91**	**116**	**150**	**116**	**91**	**66**	52
55	**71**	**96**	**135**	**181**	**135**	**96**	**71**	**55**
58	**74**	**97**	**135**	**181**	**135**	**97**	**74**	**58**
55	**71**	**97**	**135**	**181**	**135**	**97**	**71**	**55**
53	**67**	**91**	**134**	**181**	**134**	**91**	**67**	53
49	**61**	**80**	**113**	**181**	**113**	**80**	**61**	49

SN5650-PMOKL-0180-50°

43	52	65	86	106	86	65	52	43
48	59	76	94	117	94	76	59	48
53	66	89	109	**140**	109	89	66	53
56	72	99	**148**	**210**	**148**	99	72	56
59	76	108	**186**	**472**	**186**	108	76	59
57	73	102	**167**	**367**	**167**	102	73	57
54	69	93	**144**	**285**	**144**	93	69	54
50	62	81	**117**	**220**	**117**	81	62	50

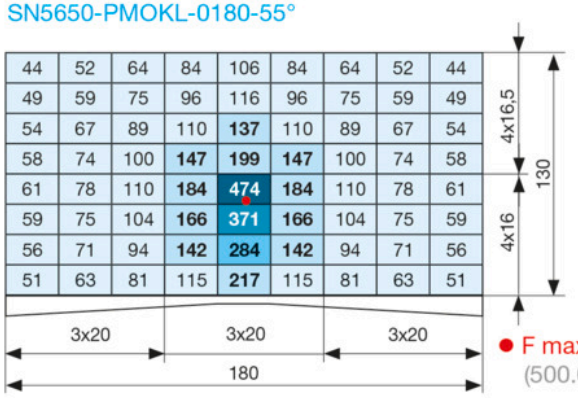


● F max. = 484 kN
(500.000 Hub/Stroke/Course)

43	43	52	65	**86**	65	52	43	43
48	59	**76**	**94**	**117**	**94**	**76**	59	48
53	**66**	**89**	**109**	**140**	**109**	**89**	**66**	53
56	**72**	**99**	**147**	**202**	**147**	**99**	**72**	56
59	**76**	**101**	**147**	**202**	**147**	**101**	**76**	59
57	**73**	**101**	**147**	**202**	**147**	**101**	**73**	57
54	**69**	**93**	**144**	**202**	**144**	**93**	**69**	54
50	**62**	**81**	**117**	**202**	**117**	**81**	**62**	50

SN5650-PMOKL-0180-55°

44	52	64	84	106	84	64	52	44
49	59	75	96	116	96	75	59	49
54	67	89	110	**137**	110	89	67	54
58	74	100	**147**	**199**	**147**	100	74	58
61	78	110	**184**	**474**	**184**	110	78	61
59	75	104	**166**	**371**	**166**	104	75	59
56	71	94	**142**	**284**	**142**	94	71	56
51	63	81	115	**217**	115	81	63	51



● F max. = 490 kN
(500.000 Hub/Stroke/Course)

44	44	52	64	**84**	64	52	44	44
49	59	**75**	**96**	**116**	**96**	**75**	59	49
54	**67**	**89**	**110**	**137**	**110**	**89**	**67**	54
58	**74**	**100**	**146**	**195**	**146**	**100**	**74**	58
61	**78**	**106**	**163**	**234**	**163**	**106**	**78**	61
59	**75**	**103**	**156**	**234**	**156**	**103**	**75**	59
56	**71**	**94**	**142**	**234**	**142**	**94**	**71**	56
51	63	**81**	**115**	**208**	**115**	**81**	63	51

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SN5650-PMOKL-0180-

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SN5650-PMOKL-0180-60°

44	52	63	82	106	82	63	52	44
49	59	74	97	115	97	74	59	49
55	68	89	111	**134**	111	89	68	55
59	75	101	**145**	**187**	**145**	101	75	59
63	80	111	**181**	**475**	**181**	111	80	63
61	77	105	**165**	**375**	**165**	105	77	61
58	72	95	**140**	**283**	**140**	95	72	58
52	64	81	112	**213**	112	81	64	52

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

● F max. = 496 kN
(500.000 Hub/Stroke/Course)

44	44	52	63	**82**	63	52	44	44
49	59	74	**97**	**115**	**97**	74	59	49
55	68	**89**	**111**	**134**	**111**	**89**	68	55
59	75	**101**	**145**	**187**	**145**	**101**	75	59
63	**80**	**111**	**179**	**265**	**179**	**111**	**80**	63
61	77	**105**	**165**	**265**	**165**	**105**	77	61
58	72	**95**	**140**	**265**	**140**	**95**	72	58
52	64	**81**	**112**	**213**	**112**	**81**	64	52

SN5650-PMOKL-0180-65°

45	53	63	80	112	80	63	53	45
50	60	75	97	**119**	97	75	60	50
57	70	90	114	**135**	114	90	70	57
62	78	105	**141**	**174**	**141**	105	78	62
67	84	**116**	**184**	**460**	**184**	**116**	84	67
65	81	109	**168**	**382**	**168**	109	81	65
61	75	98	**141**	**283**	**141**	98	75	61
54	66	82	111	**210**	111	82	66	54

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

● F max. = 498 kN
(500.000 Hub/Stroke/Course)

45	45	53	63	80	63	53	45	45
50	60	75	**97**	**119**	**97**	75	60	50
57	70	90	**114**	**135**	**114**	90	70	57
62	78	**105**	**141**	**174**	**141**	**105**	78	62
67	84	**116**	**183**	**323**	**183**	**116**	84	67
65	81	**109**	**168**	**323**	**168**	**109**	81	65
61	75	**98**	**141**	**274**	**141**	**98**	75	61
54	66	82	**111**	**210**	**111**	82	66	54

SN5650-PMOKL-0180-70°

46	53	63	78	**117**	78	63	53	46
51	61	75	97	**123**	97	75	61	51
59	72	91	**117**	**135**	**117**	91	72	59
65	81	108	**137**	**161**	**137**	108	81	65
70	88	**120**	**186**	**444**	**186**	**120**	88	70
68	85	**113**	**170**	**389**	**170**	**113**	85	68
63	77	100	**141**	**283**	**141**	100	77	63
56	67	83	110	**207**	110	83	67	56

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

● F max. = 500 kN
(500.000 Hub/Stroke/Course)

46	46	53	63	78	63	53	46	46
51	61	75	97	**123**	97	75	61	51
59	72	91	**117**	**135**	**117**	91	72	59
65	81	108	**137**	**161**	**137**	108	81	65
70	88	**120**	**186**	**380**	**186**	**120**	88	70
68	85	**113**	**170**	**380**	**170**	**113**	85	68
63	77	100	**141**	**283**	**141**	100	77	63
56	67	83	110	**207**	110	83	67	56

SN5650-PMOKL-0180-75°

48	55	64	77	**133**	77	64	55	48
55	64	77	97	**168**	97	77	64	55
63	77	96	**130**	**179**	**130**	96	77	63
71	88	**115**	**166**	**204**	**166**	**115**	88	71
77	96	**129**	**193**	**457**	**193**	**129**	96	77
73	91	**119**	**172**	**378**	**172**	**119**	91	73
67	81	102	**139**	**272**	**139**	102	81	67
58	69	83	106	**194**	106	83	69	58

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

● F max. = 504 kN
(500.000 Hub/Stroke/Course)

48	48	55	64	77	64	55	48	48
55	64	77	97	**168**	97	77	64	55
63	77	96	130	**179**	130	96	77	63
71	88	115	**166**	**204**	**166**	115	88	71
77	96	129	**193**	**457**	**193**	129	96	77
73	91	119	**172**	**378**	**172**	119	91	73
67	81	102	**139**	**272**	**139**	102	81	67
58	69	83	106	**194**	106	83	69	58

SN5650-PMOKL-0180-

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Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-0°

37	50	60	77	162	77	60	50	37
38	53	66	88	185	88	66	53	38
39	55	72	99	214	99	72	55	39
41	58	78	110	253	110	78	58	41
41	58	77	107	241	107	77	58	41
39	55	71	97	206	97	71	55	39
38	53	65	86	180	86	65	53	38
37	50	59	76	158	76	59	50	37

4x16,5 / 4x16 / 130

3x20 | 3x20 | 3x20 = 180

● F max. = 271 kN
(1.000.000 Hub/Stroke/Course)

31	31	38	43	49	43	38	31	31
31	38	43	49	57	49	43	38	31
31	38	43	49	57	49	43	38	31
31	38	43	49	57	49	43	38	31
31	38	43	49	57	49	43	38	31
31	38	43	49	57	49	43	38	31
31	38	43	49	57	49	43	38	31
31	38	43	49	57	49	43	38	31

SN5650-PMOKL-0180-5°

36	49	60	78	161	78	60	49	36
38	52	66	89	185	89	66	52	38
39	54	73	101	215	101	73	54	39
40	57	79	113	255	113	79	57	40
41	57	80	114	257	114	80	57	41
39	55	74	103	218	103	74	55	39
38	53	67	91	188	91	67	53	38
37	50	61	79	164	79	61	50	37

4x16,5 / 4x16 / 130

3x20 | 3x20 | 3x20 = 180

● F max. = 281 kN
(1.000.000 Hub/Stroke/Course)

32	32	39	46	53	46	39	32	32
32	39	46	53	62	53	46	39	32
32	39	46	53	62	53	46	39	32
32	39	46	53	62	53	46	39	32
32	39	46	53	62	53	46	39	32
32	39	46	53	62	53	46	39	32
32	39	46	53	62	53	46	39	32
32	39	46	53	62	53	46	39	32

SN5650-PMOKL-0180-10°

36	47	60	78	159	78	60	47	36
37	50	66	89	186	89	66	50	37
39	53	74	102	216	102	74	53	39
39	55	80	116	257	116	80	55	39
40	56	83	121	273	121	83	56	40
39	54	77	108	229	108	77	54	39
38	52	69	95	197	95	69	52	38
37	49	63	82	170	82	63	49	37

4x16,5 / 4x16 / 130

3x20 | 3x20 | 3x20 = 180

● F max. = 292 kN
(1.000.000 Hub/Stroke/Course)

33	33	41	50	57	50	41	33	33
33	41	50	57	67	57	50	41	33
33	41	50	57	67	57	50	41	33
33	41	50	57	67	57	50	41	33
33	41	50	57	67	57	50	41	33
33	41	50	57	67	57	50	41	33
33	41	50	57	67	57	50	41	33
33	41	50	57	67	57	50	41	33

SN5650-PMOKL-0180-15°

35	46	61	79	158	79	61	46	35
37	50	68	91	188	91	68	50	37
38	52	76	105	220	105	76	52	38
39	54	82	121	263	121	82	54	39
40	55	84	126	279	126	84	55	40
39	53	78	111	233	111	78	53	39
38	51	72	96	199	96	72	51	38
36	48	64	84	170	84	64	48	36

4x16,5 / 4x16 / 130

3x20 | 3x20 | 3x20 = 180

● F max. = 294 kN
(1.000.000 Hub/Stroke/Course)

34	34	42	53	62	53	42	34	34
34	42	53	62	73	62	53	42	34
34	42	53	62	73	62	53	42	34
34	42	53	62	73	62	53	42	34
34	42	53	62	73	62	53	42	34
34	42	53	62	73	62	53	42	34
34	42	53	62	73	62	53	42	34
34	42	53	62	73	62	53	42	34

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SN5650-PMOKL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-20°

34	45	63	80	158	80	63	45	34
37	49	70	93	191	93	70	49	37
38	51	79	109	225	109	79	51	38
39	53	84	126	269	126	84	53	39
39	54	85	131	285	131	85	54	39
39	52	80	115	237	115	80	52	39
37	50	74	98	201	98	74	50	37
36	47	66	85	169	85	66	47	36

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20

180

● F max. = 296 kN
(1.000.000 Hub/Stroke/Course)

34	34	44	57	67	57	44	34	34
36	44	57	67	80	67	57	44	36
36	44	57	67	80	67	57	44	36
36	44	57	67	80	67	57	44	36
36	44	57	67	80	67	57	44	36
36	44	57	67	80	67	57	44	36
36	44	57	67	80	67	57	44	36
36	44	57	67	80	67	57	44	36

SN5650-PMOKL-0180-25°

32	41	55	71	135	71	55	41	32
34	45	62	84	168	84	62	45	34
36	48	70	99	203	99	70	48	36
38	50	76	114	247	114	76	50	38
39	52	80	123	289	123	80	52	39
38	51	77	112	252	112	77	51	38
37	49	70	98	206	98	70	49	37
35	46	64	85	171	85	64	46	35

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20

180

● F max. = 306 kN
(1.000.000 Hub/Stroke/Course)

32	32	40	52	65	52	40	32	32
34	42	56	71	88	71	56	42	34
35	44	58	71	88	71	58	44	35
36	45	58	71	88	71	58	45	36
37	45	58	71	88	71	58	45	37
37	45	58	71	88	71	58	45	37
36	45	58	71	88	71	58	45	36
35	44	58	71	88	71	58	44	35

SN5650-PMOKL-0180-30°

29	37	47	63	113	63	47	37	29
32	40	55	74	145	74	55	40	32
34	45	62	88	182	88	62	45	34
37	47	69	101	226	101	69	47	37
38	50	74	115	293	115	74	50	38
38	50	73	110	267	110	73	50	38
37	47	67	98	211	98	67	47	37
34	44	61	85	172	85	61	44	34

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20

180

● F max. = 316 kN
(1.000.000 Hub/Stroke/Course)

29	29	37	47	63	47	37	29	29
32	40	55	74	96	74	55	40	32
34	45	59	74	96	74	59	45	34
37	46	59	74	96	74	59	46	37
38	46	59	74	96	74	59	46	38
38	46	59	74	96	74	59	46	38
37	46	59	74	96	74	59	46	37
34	44	59	74	96	74	59	44	34

SN5650-PMOKL-0180-35°

31	38	49	67	105	67	49	38	31
34	42	57	80	133	80	57	42	34
36	46	65	95	183	95	65	46	36
38	49	71	109	249	109	71	49	38
39	52	76	120	303	120	76	52	39
38	50	72	110	253	110	72	50	38
37	47	66	96	201	96	66	47	37
34	43	59	82	161	82	59	43	34

4x16,5 | 4x16 | 130

3x20 | 3x20 | 3x20

180

● F max. = 329 kN
(1.000.000 Hub/Stroke/Course)

31	31	38	49	67	49	38	31	31
34	42	57	80	106	80	57	42	34
36	46	63	82	106	82	63	46	36
38	49	64	82	106	82	64	49	38
39	49	64	82	106	82	64	49	39
38	48	64	82	106	82	64	48	38
37	46	62	82	106	82	62	46	37
34	43	58	77	106	77	58	43	34

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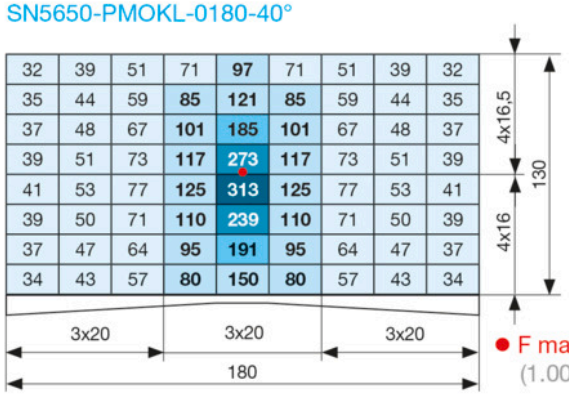
SN5650-PMOKL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-40°

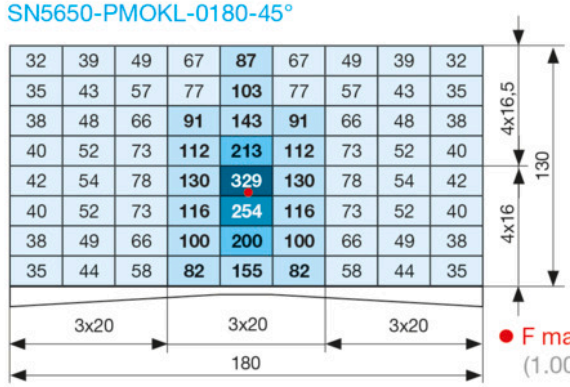


32	39	51	71	**97**	71	51	39	32
35	44	59	**85**	**121**	**85**	59	44	35
37	48	67	**101**	**185**	**101**	67	48	37
39	51	73	**117**	**273**	**117**	73	51	39
41	53	77	**125**	**313**	**125**	77	53	41
39	50	71	**110**	**239**	**110**	71	50	39
37	47	64	**95**	**191**	**95**	64	47	37
34	43	57	**80**	**150**	**80**	57	43	34

● F max. = 342 kN
(1.000.000 Hub/Stroke/Course)

32	32	39	51	**71**	51	39	32	32
35	**44**	**59**	**85**	**117**	**85**	**59**	**44**	**35**
37	**48**	**67**	**90**	**117**	**90**	**67**	**48**	**37**
39	**51**	**68**	**90**	**117**	**90**	**68**	**51**	**39**
41	**53**	**68**	**90**	**117**	**90**	**68**	**53**	**41**
39	**50**	**68**	**90**	**117**	**90**	**68**	**50**	**39**
37	**47**	**64**	**90**	**117**	**90**	**64**	**47**	**37**
34	**43**	**57**	**80**	**117**	**80**	**57**	**43**	34

SN5650-PMOKL-0180-45°

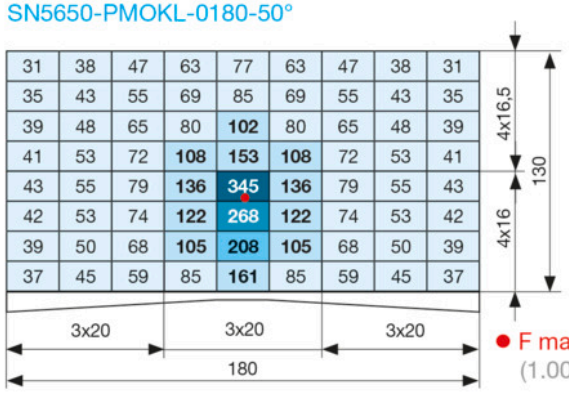


32	39	49	67	**87**	67	49	39	32
35	43	57	77	**103**	77	57	43	35
38	48	66	**91**	**143**	**91**	66	48	38
40	52	73	**112**	**213**	**112**	73	52	40
42	54	78	**130**	**329**	**130**	78	54	42
40	52	73	**116**	**254**	**116**	73	52	40
38	49	66	**100**	**200**	**100**	66	49	38
35	44	58	**82**	**155**	**82**	58	44	35

● F max. = 348 kN
(1.000.000 Hub/Stroke/Course)

32	32	39	49	**67**	49	39	32	32
35	**43**	**57**	**77**	**101**	**77**	**57**	**43**	35
38	**48**	**66**	**85**	**110**	**85**	**66**	**48**	38
40	**52**	**70**	**99**	**132**	**99**	**70**	**52**	**40**
42	**54**	**71**	**99**	**132**	**99**	**71**	**54**	**42**
40	**52**	**71**	**99**	**132**	**99**	**71**	**52**	**40**
38	**49**	**66**	**97**	**132**	**97**	**66**	**49**	38
35	**44**	**58**	**82**	**132**	**82**	**58**	**44**	35

SN5650-PMOKL-0180-50°

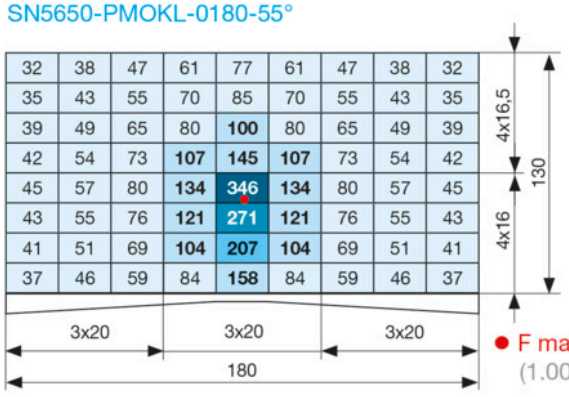


31	38	47	63	77	63	47	38	31
35	43	55	69	85	69	55	43	35
39	48	65	80	**102**	80	65	48	39
41	53	72	**108**	**153**	**108**	72	53	41
43	55	79	**136**	**345**	**136**	79	55	43
42	53	74	**122**	**268**	**122**	74	53	42
39	50	68	**105**	**208**	**105**	68	50	39
37	45	59	85	**161**	85	59	45	37

● F max. = 353 kN
(1.000.000 Hub/Stroke/Course)

31	31	38	47	**63**	47	38	31	31
35	43	**55**	**69**	**85**	**69**	**55**	43	35
39	**48**	**65**	**80**	**102**	**80**	**65**	**48**	39
41	**53**	**72**	**107**	**147**	**107**	**72**	**53**	41
43	**55**	**74**	**107**	**147**	**107**	**74**	**55**	43
42	**53**	**74**	**107**	**147**	**107**	**74**	**53**	42
39	**50**	**68**	**105**	**147**	**105**	**68**	**50**	39
37	**45**	**59**	**85**	**147**	**85**	**59**	**45**	37

SN5650-PMOKL-0180-55°



32	38	47	61	77	61	47	38	32
35	43	55	70	85	70	55	43	35
39	49	65	80	**100**	80	65	49	39
42	54	73	**107**	**145**	**107**	73	54	42
45	57	80	**134**	**346**	**134**	80	57	45
43	55	76	**121**	**271**	**121**	76	55	43
41	51	69	**104**	**207**	**104**	69	51	41
37	46	59	84	**158**	84	59	46	37

● F max. = 358 kN
(1.000.000 Hub/Stroke/Course)

32	32	38	47	**61**	47	38	32	32
35	43	**55**	**70**	**85**	**70**	**55**	43	35
39	49	**65**	**80**	**100**	**80**	**65**	49	39
42	**54**	**73**	**107**	**142**	**107**	**73**	**54**	42
45	**57**	**77**	**119**	**170**	**119**	**77**	**57**	45
43	**55**	**75**	**114**	**170**	**114**	**75**	**55**	43
41	**51**	**69**	**104**	**170**	**104**	**69**	**51**	41
37	46	**59**	**84**	**151**	**84**	**59**	46	37

D 1801D 06.2022

SN5650-PMOKL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0180-60°

32	38	46	60	77	60	46	38	32
36	43	54	71	84	71	54	43	36
40	50	65	81	**98**	81	65	50	40
43	55	74	**106**	**137**	**106**	74	55	43
46	58	81	**132**	**347**	**132**	81	58	46
45	56	77	**120**	**274**	**120**	77	56	45
42	53	69	**102**	**207**	**102**	69	53	42
38	47	59	82	**155**	82	59	47	38

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

32	32	38	46	**60**	46	38	32	32
36	43	54	**71**	**84**	**71**	54	43	36
40	50	**65**	**81**	**98**	**81**	**65**	50	40
43	55	**74**	**106**	**137**	**106**	**74**	55	43
46	**58**	**81**	**131**	**193**	**131**	**81**	**58**	46
45	56	**77**	**120**	**193**	**120**	**77**	56	45
42	53	**69**	**102**	**193**	**102**	**69**	53	42
38	47	**59**	**82**	**155**	**82**	**59**	47	38

● F max. = 362 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0180-65°

33	38	46	58	81	58	46	38	33
37	44	54	71	**87**	71	54	44	37
42	51	66	83	**98**	83	66	51	42
45	57	76	**103**	**127**	**103**	76	57	45
49	61	**84**	**134**	**335**	**134**	**84**	61	49
47	59	80	**122**	**279**	**122**	80	59	47
44	54	71	**103**	**207**	**103**	71	54	44
39	48	60	81	**153**	81	60	48	39

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

33	33	38	46	58	46	38	33	33
37	44	54	**71**	**87**	**71**	54	44	37
42	51	66	**83**	**98**	**83**	66	51	42
45	57	**76**	**103**	**127**	**103**	**76**	57	45
49	61	**84**	**133**	**235**	**133**	**84**	61	49
47	59	**80**	**122**	**235**	**122**	**80**	59	47
44	54	**71**	**103**	**200**	**103**	**71**	54	44
39	48	60	**81**	**153**	**81**	60	48	39

● F max. = 364 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0180-70°

34	39	46	57	**85**	57	46	39	34
37	45	55	71	**90**	71	55	45	37
43	53	66	**85**	**99**	**85**	66	53	43
47	59	79	**100**	**118**	**100**	79	59	47
51	64	**88**	**136**	**324**	**136**	**88**	64	51
50	62	**82**	**124**	**284**	**124**	**82**	62	50
46	56	73	**103**	**207**	**103**	73	56	46
41	49	61	80	**151**	80	61	49	41

4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

34	34	39	46	57	46	39	34	34
37	45	55	71	**90**	71	55	45	37
43	53	66	**85**	**99**	**85**	66	53	43
47	59	79	**100**	**118**	**100**	79	59	47
51	64	**88**	**136**	**277**	**136**	**88**	64	51
50	62	82	**124**	**277**	**124**	82	62	50
46	56	73	**103**	**207**	**103**	73	56	46
41	49	61	80	**151**	80	61	49	41

● F max. = 365 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0180-75°

35	40	47	56	**97**	56	47	40	35
40	47	56	71	**123**	71	56	47	40
46	56	70	**95**	**131**	**95**	70	56	46
52	64	**84**	**121**	**149**	**121**	**84**	64	52
56	70	**94**	**141**	**334**	**141**	**94**	70	56
53	66	**87**	**126**	**276**	**126**	**87**	66	53
49	59	74	**101**	**199**	**101**	74	59	49
42	50	61	77	**142**	77	61	50	42

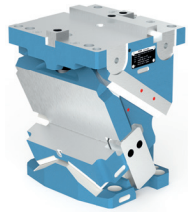
4x16,5 | 130 | 4x16

3x20 | 3x20 | 3x20

180

35	35	40	47	56	47	40	35	35
40	47	56	71	**123**	71	56	47	40
46	56	70	95	**131**	95	70	56	46
52	64	84	**121**	**149**	**121**	84	64	52
56	70	94	**141**	**334**	**141**	94	70	56
53	66	87	**126**	**276**	**126**	87	66	53
49	59	74	**101**	**199**	**101**	74	59	49
42	50	61	77	**142**	77	61	50	42

● F max. = 368 kN
(1.000.000 Hub/Stroke/Course)

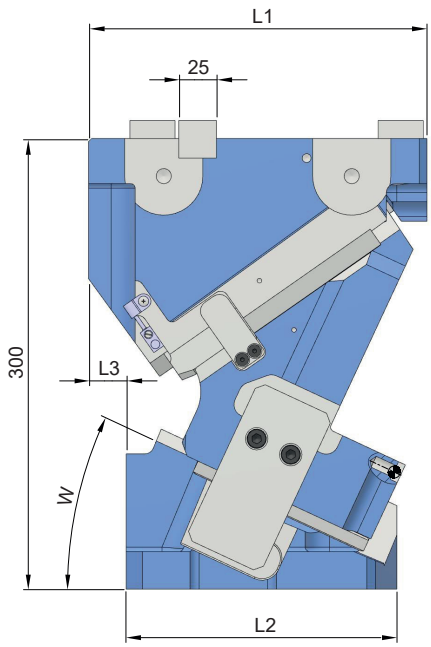


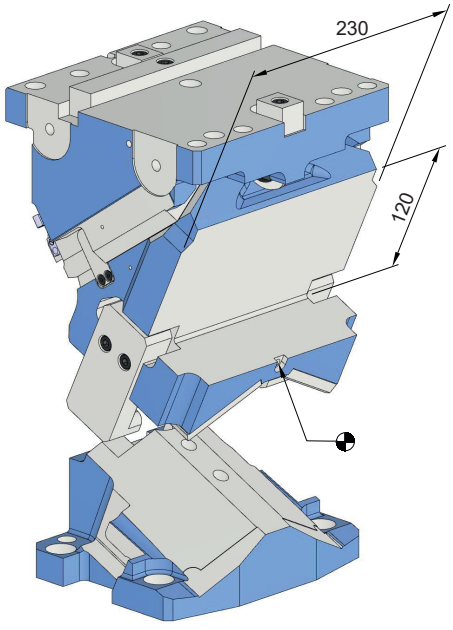
SN5650-PMOKL-0230-

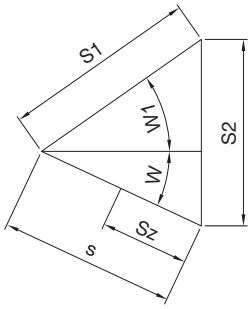
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	230 x 120 mm
Schieberbreite max.	*Cam unit width max.*	230 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 443 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

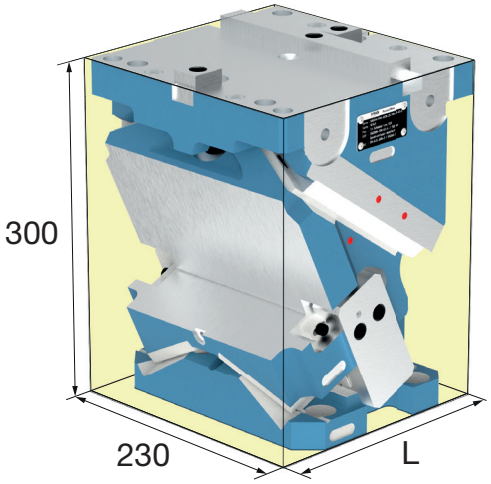
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0230-

Oben hängender Kompakt-L-Schieber



E0



E1



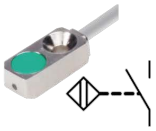
G0



S0



S1

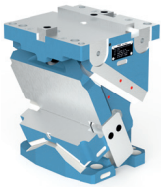


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

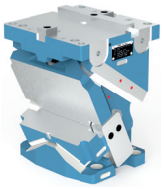
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E0-G0-S0-V04
0°	E0	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E0-G0-S1-V04
0°	E0	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E0-G1-S0-V04
0°	E0	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E0-G1-S1-V04
0°	E1	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E1-G0-S0-V04
0°	E1	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E1-G0-S1-V04
0°	E1	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E1-G1-S0-V04
0°	E1	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0230-00-E1-G1-S1-V04
5°	E0	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E0-G0-S0-V04
5°	E0	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E0-G0-S1-V04
5°	E0	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E0-G1-S0-V04
5°	E0	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E0-G1-S1-V04
5°	E1	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E1-G0-S0-V04
5°	E1	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E1-G0-S1-V04
5°	E1	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E1-G1-S0-V04
5°	E1	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0230-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0230-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E1-G1-S0-V04
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0230-15-E1-G1-S1-V04
20°	E0	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E0-G0-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E0-G0-S1-V04
20°	E0	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E0-G1-S0-V04
20°	E0	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E0-G1-S1-V04
20°	E1	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E1-G0-S0-V04
20°	E1	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E1-G0-S1-V04
20°	E1	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E1-G1-S0-V04
20°	E1	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0230-20-E1-G1-S1-V04
25°	E0	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E0-G0-S0-V04
25°	E0	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E0-G0-S1-V04
25°	E0	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E0-G1-S0-V04
25°	E0	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E0-G1-S1-V04
25°	E1	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E1-G0-S0-V04
25°	E1	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E1-G0-S1-V04
25°	E1	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E1-G1-S0-V04
25°	E1	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0230-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0230-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0230-35-E1-G1-S1-V04
40°	E0	G0	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E0-G0-S0-V04
40°	E0	G0	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E0-G0-S1-V04
40°	E0	G1	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E0-G1-S0-V04
40°	E0	G1	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E0-G1-S1-V04
40°	E1	G0	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E1-G0-S0-V04
40°	E1	G0	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E1-G0-S1-V04
40°	E1	G1	S0	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E1-G1-S0-V04
40°	E1	G1	S1	230	27	43	37	44.5	31.4	225	165	5	SN5650-PMOKL-0230-40-E1-G1-S1-V04
45°	E0	G0	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E0-G0-S0-V04
45°	E0	G0	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E0-G0-S1-V04
45°	E0	G1	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E0-G1-S0-V04
45°	E0	G1	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E0-G1-S1-V04
45°	E1	G0	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E1-G0-S0-V04
45°	E1	G0	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E1-G0-S1-V04
45°	E1	G1	S0	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E1-G1-S0-V04
45°	E1	G1	S1	230	25	47.4	37	49.2	31.4	225	165	5	SN5650-PMOKL-0230-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E1-G0-S1-V04
50°	E1	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0230-50-E1-G1-S1-V04

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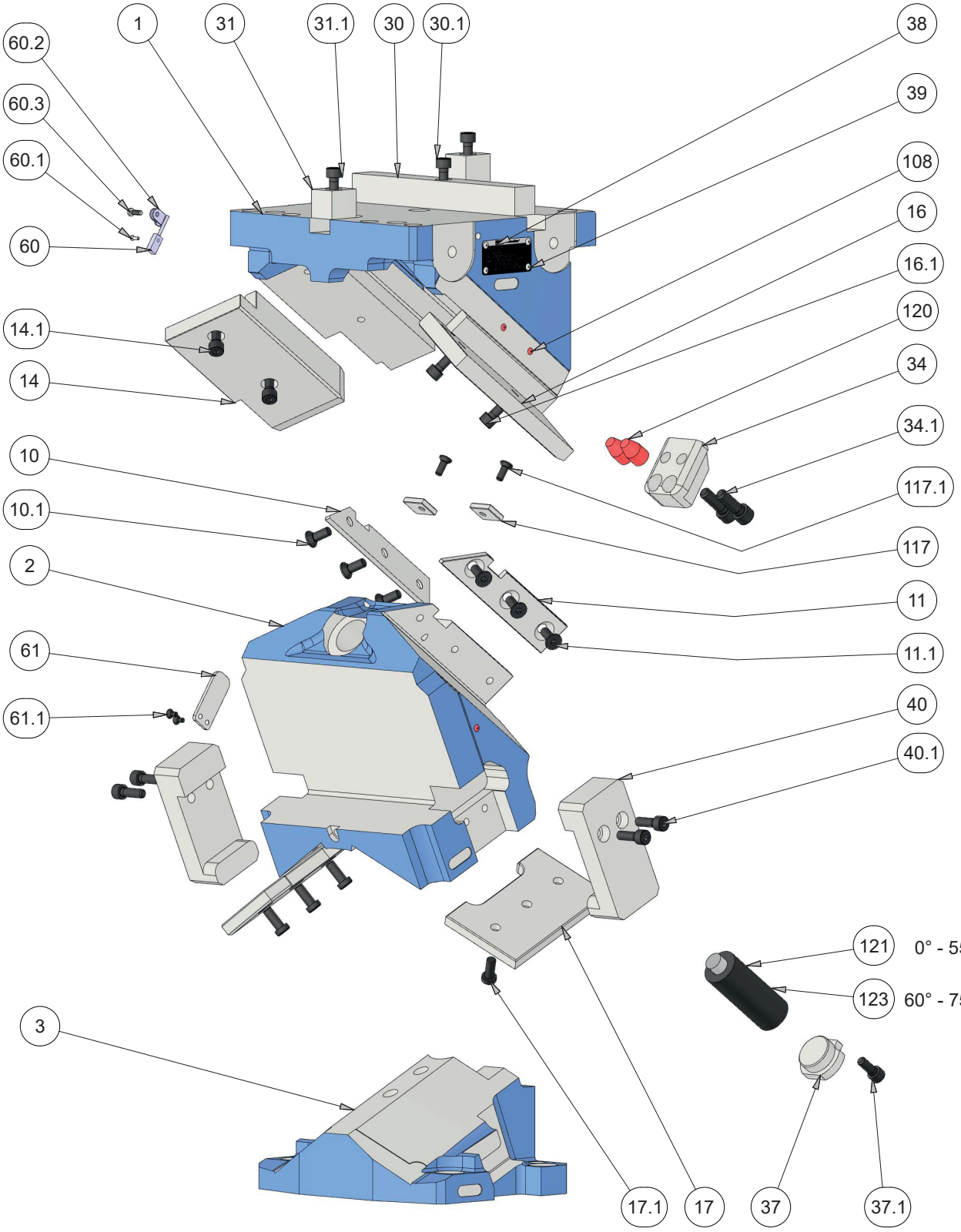


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0230-55-E1-G1-S1-V04
60°	E0	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E0-G0-S0-V04
60°	E0	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E0-G0-S1-V04
60°	E0	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E0-G1-S0-V04
60°	E0	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E0-G1-S1-V04
60°	E1	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E1-G0-S0-V04
60°	E1	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E1-G0-S1-V04
60°	E1	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E1-G1-S0-V04
60°	E1	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0230-60-E1-G1-S1-V04
65°	E0	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E0-G0-S0-V04
65°	E0	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E0-G0-S1-V04
65°	E0	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E0-G1-S0-V04
65°	E0	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E0-G1-S1-V04
65°	E1	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E1-G0-S0-V04
65°	E1	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E1-G0-S1-V04
65°	E1	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E1-G1-S0-V04
65°	E1	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0230-65-E1-G1-S1-V04
70°	E0	G0	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E0-G0-S0-V04
70°	E0	G0	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E0-G0-S1-V04
70°	E0	G1	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E0-G1-S0-V04
70°	E0	G1	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E0-G1-S1-V04
70°	E1	G0	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E1-G0-S0-V04
70°	E1	G0	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E1-G0-S1-V04
70°	E1	G1	S0	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E1-G1-S0-V04
70°	E1	G1	S1	285	17	34.3	12	34.7	29.4	240	135	45	SN5650-PMOKL-0230-70-E1-G1-S1-V04
75°	E0	G0	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E0-G0-S0-V04
75°	E0	G0	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E0-G0-S1-V04
75°	E0	G1	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E0-G1-S0-V04
75°	E0	G1	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E0-G1-S1-V04
75°	E1	G0	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E1-G0-S0-V04
75°	E1	G0	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E1-G0-S1-V04
75°	E1	G1	S0	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E1-G1-S0-V04
75°	E1	G1	S1	285	15	45.7	12	46.2	31.4	240	135	45	SN5650-PMOKL-0230-75-E1-G1-S1-V04

SN5650-PMOKL-0230-

Bauteile

Components



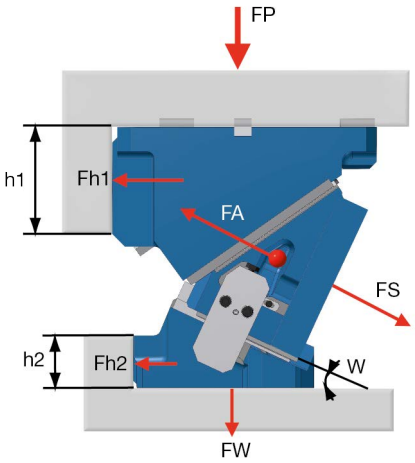
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0230-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	443	416	443	416	0	80	50	28
05°	464	431	428	391	34	80	50	31
10°	477	452	405	370	65	80	50	45
15°	497	467	389	339	91	80	50	50
20°	509	487	364	313	114	80	50	43
25°	525	499	347	277	129	80	50	48
30°	536	517	321	249	144	80	50	43
35°	550	527	302	212	148	80	50	50
40°	559	543	274	183	154	80	50	50
45°	571	552	255	149	149	80	50	56
50°	578	565	226	122	146	80	100	52
55°	587	572	206	91	131	80	100	53
60°	592	582	176	69	120	90	100	52
65°	599	588	156	46	98	90	100	52
70°	602	595	124	30	81	90	100	52
75°	606	600	104	14	53	90	100	52



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	332	313	332	313	0	80	50	28
05°	348	324	321	294	26	80	50	31
10°	358	340	303	278	49	80	50	45
15°	373	351	292	255	68	80	50	50
20°	382	366	273	235	86	80	50	43
25°	394	375	260	208	97	80	50	48
30°	402	388	240	187	108	80	50	43
35°	413	396	226	159	112	80	50	50
40°	419	408	205	138	116	80	50	50
45°	428	415	191	112	112	80	50	56
50°	434	424	169	92	110	80	100	52
55°	440	430	154	69	98	80	100	53
60°	444	437	131	52	91	90	100	52
65°	449	442	116	34	74	90	100	52
70°	452	447	93	22	62	90	100	52
75°	455	450	77	11	40	90	100	52

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-0°

50	68	93	120	147	274	147	120	93	68	50	12
51	70	98	133	168	308	168	133	98	70	51	
53	73	104	143	195	361	195	143	104	73	53	
54	75	109	154	233	436	233	154	109	75	54	6x18
54	74	105	146	200	371	200	146	105	74	54	
52	71	100	136	173	316	173	136	100	71	52	
51	68	94	121	148	274	148	121	94	68	51	120

3x25 | 5x16 | 3x25

230

50	63	63	75	84	93	84	75	63	63	50
51	63	75	84	93	104	93	84	75	63	51
52	63	75	84	93	104	93	84	75	63	52
52	63	75	84	93	104	93	84	75	63	52
52	63	75	84	93	104	93	84	75	63	52
52	63	75	84	93	104	93	84	75	63	52
51	63	75	84	93	104	93	84	75	63	51

● F max. = 443 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-5°

50	67	96	124	153	282	153	124	96	67	50	12
52	70	102	138	176	321	176	138	102	70	52	
53	72	108	148	207	378	207	148	108	72	53	
55	75	114	159	237	461	237	159	114	75	55	6x18
54	73	109	150	211	383	211	150	109	73	54	
52	70	103	139	180	324	180	139	103	70	52	
51	67	97	124	153	278	153	124	97	67	51	120

3x25 | 5x16 | 3x25

230

50	65	65	80	90	100	90	80	65	65	50
52	65	80	90	100	113	100	90	80	65	52
53	65	80	90	100	113	100	90	80	65	53
53	65	80	90	100	113	100	90	80	65	53
53	65	80	90	100	113	100	90	80	65	53
52	65	80	90	100	113	100	90	80	65	52
51	65	80	90	100	113	100	90	80	65	51

● F max. = 464 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-10°

47	61	87	107	130	230	130	107	87	61	47	12
50	65	95	121	149	270	149	121	95	65	50	
52	69	103	138	176	320	176	138	103	69	52	
53	72	110	149	210	378	210	149	110	72	53	
55	75	116	161	239	460	239	161	116	75	55	6x18
54	73	113	154	223	402	223	154	113	73	54	
53	71	107	144	190	338	190	144	107	71	53	120

3x25 | 5x16 | 3x25

230

47	61	61	85	97	109	97	85	61	61	47
50	65	85	97	108	123	108	97	85	65	50
52	67	85	97	108	123	108	97	85	67	52
53	67	85	97	108	123	108	97	85	67	53
55	67	85	97	108	123	108	97	85	67	55
54	67	85	97	108	123	108	97	85	67	54
53	67	85	97	108	123	108	97	85	67	53

● F max. = 477 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-15°

48	61	86	110	134	233	134	110	86	61	48	12
50	66	95	125	155	277	155	125	95	66	50	
52	70	103	144	186	333	186	144	103	70	52	
54	72	109	155	223	397	223	155	109	72	54	
56	75	115	168	250	488	250	168	115	75	56	6x18
55	74	111	158	228	408	228	158	111	74	55	
53	71	105	147	194	342	194	147	105	71	53	120

3x25 | 5x16 | 3x25

230

48	61	61	86	105	117	105	86	61	61	48
50	66	89	104	117	133	117	104	89	66	50
52	69	89	104	117	133	117	104	89	69	52
54	69	89	104	117	133	117	104	89	69	54
56	69	89	104	117	133	117	104	89	69	56
55	69	89	104	117	133	117	104	89	69	55
53	69	89	104	117	133	117	104	89	69	53

● F max. = 497 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

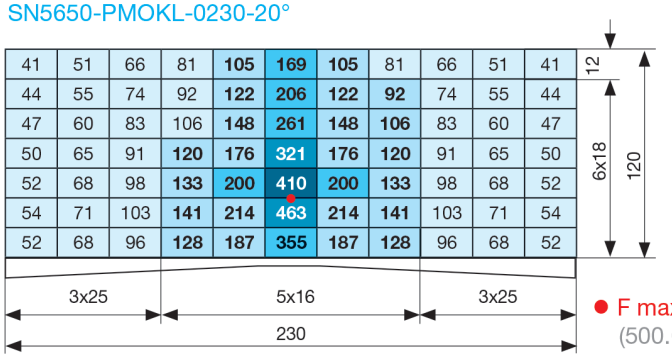
SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-20°

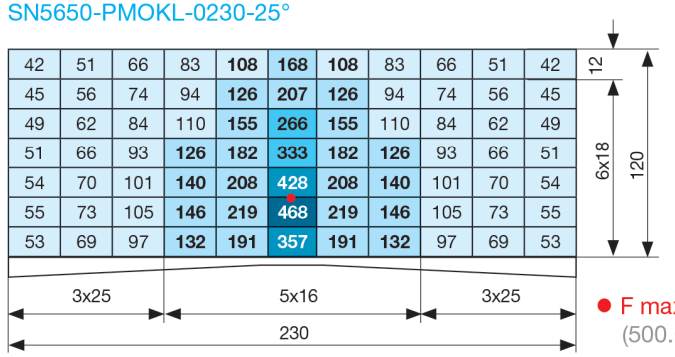


41	51	66	81	105	169	105	81	66	51	41
44	55	74	92	122	206	122	92	74	55	44
47	60	83	106	148	261	148	106	83	60	47
50	65	91	120	176	321	176	120	91	65	50
52	68	98	133	200	410	200	133	98	68	52
54	71	103	141	214	463	214	141	103	71	54
52	68	96	128	187	355	187	128	96	68	52

41	51	51	66	81	105	81	66	51	51	41
44	55	74	92	122	146	122	92	74	55	44
47	60	83	104	122	146	122	104	83	60	47
50	65	88	104	122	146	122	104	88	65	50
52	68	88	104	122	146	122	104	88	68	52
54	70	88	104	122	146	122	104	88	70	54
52	68	88	104	122	146	122	104	88	68	52

● F max. = 497 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-25°

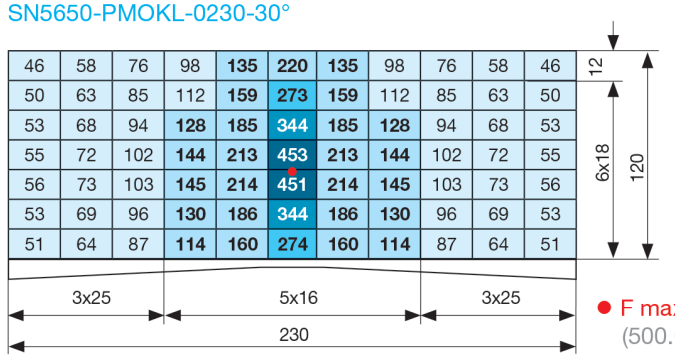


42	51	66	83	108	168	108	83	66	51	42
45	56	74	94	126	207	126	94	74	56	45
49	62	84	110	155	266	155	110	84	62	49
51	66	93	126	182	333	182	126	93	66	51
54	70	101	140	208	428	208	140	101	70	54
55	73	105	146	219	468	219	146	105	73	55
53	69	97	132	191	357	191	132	97	69	53

42	51	51	66	83	108	83	66	51	51	42
45	56	74	94	126	159	126	94	74	56	45
49	62	84	110	132	159	132	110	84	62	49
51	66	93	112	131	159	131	112	93	66	51
54	70	93	112	131	159	131	112	93	70	54
55	73	93	112	131	159	131	112	93	73	55
53	69	93	112	131	159	131	112	93	69	53

● F max. = 525 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-30°

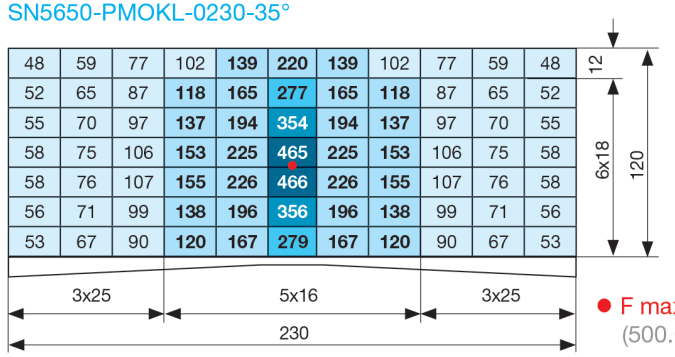


46	58	76	98	135	220	135	98	76	58	46
50	63	85	112	159	273	159	112	85	63	50
53	68	94	128	185	344	185	128	94	68	53
55	72	102	144	213	453	213	144	102	72	55
56	73	103	145	214	451	214	145	103	73	56
53	69	96	130	186	344	186	130	96	69	53
51	64	87	114	160	274	160	114	87	64	51

46	58	58	76	98	135	98	76	58	58	46
50	63	85	112	143	176	143	112	85	63	50
53	68	94	121	143	176	143	121	94	68	53
55	72	99	121	143	176	143	121	99	72	55
56	73	99	121	143	176	143	121	99	73	56
53	69	96	121	143	176	143	121	96	69	53
51	64	87	114	143	176	143	114	87	64	51

● F max. = 536 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-35°



48	59	77	102	139	220	139	102	77	59	48
52	65	87	118	165	277	165	118	87	65	52
55	70	97	137	194	354	194	137	97	70	55
58	75	106	153	225	465	225	153	106	75	58
58	76	107	155	226	466	226	155	107	76	58
56	71	99	138	196	356	196	138	99	71	56
53	67	90	120	167	279	167	120	90	67	53

48	59	59	77	102	139	102	77	59	59	48
52	65	87	118	157	192	157	118	87	65	52
55	70	97	132	157	192	157	132	97	70	55
58	75	105	132	157	192	157	132	105	75	58
58	76	105	132	157	192	157	132	105	76	58
56	71	99	132	157	192	157	132	99	71	56
53	67	90	120	157	192	157	120	90	67	53

● F max. = 550 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-40°

45	54	68	86	115	**169**	115	86	68	54	45	12
48	59	77	101	**137**	**196**	**137**	101	77	59	48	6x18
53	66	89	**122**	**169**	**267**	**169**	**122**	89	66	53	
57	72	100	**142**	**201**	**368**	**201**	**142**	100	72	57	
59	77	108	**160**	**234**	**488**	**234**	**160**	108	77	59	
60	77	108	**158**	**228**	**456**	**228**	**158**	108	77	60	
57	73	100	**141**	**197**	**350**	**197**	**141**	100	73	57	120

3x25 | 5x16 | 3x25

230

45	54	54	**68**	**86**	**115**	**86**	**68**	54	54	45
48	59	**77**	**101**	**137**	**196**	**137**	**101**	**77**	59	48
53	**66**	**89**	**122**	**169**	**215**	**169**	**122**	**89**	**66**	53
57	**72**	**100**	**142**	**174**	**215**	**174**	**142**	**100**	**72**	57
59	**77**	**108**	**146**	**174**	**215**	**174**	**146**	**108**	**77**	59
60	**77**	**108**	**146**	**174**	**215**	**174**	**146**	**108**	**77**	60
57	**73**	**100**	**141**	**174**	**215**	**174**	**141**	**100**	**73**	57

● F max. = 559 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-45°

46	55	69	86	108	**126**	108	86	69	55	46	12
50	61	77	100	117	**137**	117	100	77	61	50	6x18
55	69	91	123	**137**	**163**	**137**	123	91	69	55	
59	75	103	**146**	**183**	**229**	**183**	**146**	103	75	59	
62	80	112	**165**	**244**	**503**	**244**	**165**	112	80	62	
63	80	111	**161**	**235**	**459**	**235**	**161**	111	80	63	
60	75	102	**143**	**201**	**349**	**201**	**143**	102	75	60	120

3x25 | 5x16 | 3x25

230

46	55	55	**69**	**86**	**108**	**86**	**69**	55	55	46
50	61	**77**	**100**	**117**	**137**	**117**	**100**	**77**	61	50
55	69	**91**	**123**	**137**	**163**	**137**	**123**	**91**	69	55
59	**75**	**103**	**146**	**183**	**229**	**183**	**146**	**103**	**75**	59
62	**80**	**112**	**158**	**191**	**236**	**191**	**158**	**112**	**80**	62
63	**80**	**111**	**158**	**191**	**236**	**191**	**158**	**111**	**80**	63
60	**75**	**102**	**143**	**191**	**236**	**191**	**143**	**102**	**75**	60

● F max. = 571 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-50°

46	54	66	80	105	123	105	80	66	54	46	12
49	59	74	93	114	**134**	114	93	74	59	49	6x18
55	67	87	114	**135**	**161**	**135**	114	87	67	55	
60	75	101	**140**	**180**	**225**	**180**	**140**	101	75	60	
64	81	111	**160**	**237**	**456**	**237**	**160**	111	81	64	
66	84	117	**170**	**254**	**516**	**254**	**170**	117	84	66	
63	79	107	**151**	**217**	**384**	**217**	**151**	107	79	63	120

3x25 | 5x16 | 3x25

230

46	54	54	66	80	**105**	80	66	54	54	46
49	59	74	**93**	**114**	**134**	**114**	**93**	74	59	49
55	67	**87**	**114**	**135**	**161**	**135**	**114**	**87**	67	55
60	75	**101**	**140**	**180**	**225**	**180**	**140**	**101**	75	60
64	**81**	**111**	**160**	**217**	**270**	**217**	**160**	**111**	**81**	64
66	**84**	**117**	**170**	**217**	**270**	**217**	**170**	**117**	**84**	66
63	79	**107**	**151**	**217**	**270**	**217**	**151**	**107**	79	63

● F max. = 578 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-55°

47	55	66	80	98	115	98	80	66	55	47	12
51	61	75	92	104	122	104	92	75	61	51	6x18
57	69	88	114	118	**138**	118	114	88	69	57	
63	79	104	**139**	**144**	**172**	**144**	**139**	104	79	63	
68	85	116	**164**	**247**	**370**	**247**	**164**	116	85	68	
70	89	121	**173**	**263**	**518**	**263**	**173**	121	89	70	
66	83	111	**152**	**221**	**380**	**221**	**152**	111	83	66	120

3x25 | 5x16 | 3x25

230

47	55	55	66	80	**98**	80	66	55	55	47
51	61	75	**92**	**104**	**122**	**104**	**92**	75	61	51
57	69	88	**114**	**118**	**138**	**118**	**114**	88	69	57
63	79	**104**	**139**	**144**	**172**	**144**	**139**	**104**	79	63
68	85	**116**	**164**	**243**	**301**	**243**	**164**	**116**	85	68
70	89	**121**	**173**	**243**	**301**	**243**	**173**	**121**	89	70
66	83	**111**	**152**	**221**	**301**	**221**	**152**	**111**	83	66

● F max. = 578 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-60°

53	62	76	93	114	**135**	114	93	76	62	53	12
58	70	88	112	126	**150**	126	112	88	70	58	6x18
65	81	105	**141**	**156**	**189**	**156**	**141**	105	81	65	
70	88	119	**166**	**251**	**439**	**251**	**166**	119	88	70	
73	93	126	**177**	**273**	**532**	**273**	**177**	126	93	73	
69	87	115	**156**	**228**	**386**	**228**	**156**	115	87	69	
64	78	100	129	**181**	**283**	**181**	129	100	78	64	120

3x25 | 5x16 | 3x25 = 230

53	62	62	76	93	**114**	93	76	62	62	53
58	70	88	**112**	**126**	**150**	**126**	**112**	88	70	58
65	81	105	**141**	**156**	**189**	**156**	**141**	105	81	65
70	88	**119**	**166**	**251**	**356**	**251**	**166**	**119**	88	70
73	93	**126**	**177**	**273**	**356**	**273**	**177**	**126**	93	73
69	87	**115**	**156**	**228**	**356**	**228**	**156**	**115**	87	69
64	78	100	**129**	**181**	**283**	**181**	**129**	100	78	64

● F max. = 592 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-65°

55	64	77	93	108	122	108	93	77	64	55	12
61	72	90	111	115	131	115	111	90	72	61	6x18
69	85	109	130	130	**151**	130	130	109	85	69	
75	94	125	**171**	**186**	**228**	**186**	**171**	125	94	75	
79	99	132	**183**	**273**	**536**	**273**	**183**	132	99	79	
74	92	119	**159**	**225**	**381**	**225**	**159**	119	92	74	
67	81	102	129	**173**	**274**	**173**	129	102	81	67	120

3x25 | 5x16 | 3x25 = 230

55	64	64	77	93	108	93	77	64	64	55
61	72	90	111	115	**131**	115	111	90	72	61
69	85	109	**130**	**130**	**151**	**130**	**130**	109	85	69
75	94	**125**	**171**	**186**	**228**	**186**	**171**	**125**	94	75
79	99	**132**	**183**	**273**	**407**	**273**	**183**	**132**	99	79
74	92	119	**159**	**225**	**381**	**225**	**159**	119	92	74
67	81	102	**129**	**173**	**274**	**173**	**129**	102	81	67

● F max. = 599 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-70°

55	64	76	89	110	**147**	110	89	76	64	55	12
61	72	88	106	135	**155**	135	106	88	72	61	6x18
70	85	108	137	**151**	**173**	**151**	137	108	85	70	
78	97	127	**170**	**189**	**224**	**189**	**170**	127	97	78	
84	105	140	**192**	**279**	**573**	**279**	**192**	140	105	84	
79	97	126	**166**	**229**	**399**	**229**	**166**	126	97	79	
72	86	107	134	**175**	**284**	**175**	134	107	86	72	120

3x25 | 5x16 | 3x25 = 230

55	64	64	76	89	110	89	76	64	64	55
61	72	88	106	135	**155**	135	106	88	72	61
70	85	108	137	151	**173**	151	137	108	85	70
78	97	127	**170**	**189**	**224**	**189**	**170**	127	97	78
84	105	140	**192**	**279**	**510**	**279**	**192**	140	105	84
79	97	126	**166**	**229**	**399**	**229**	**166**	126	97	79
72	86	107	134	**175**	**284**	**175**	134	107	86	72

● F max. = 602 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-75°

58	66	77	89	104	**160**	104	89	77	66	58	12
64	75	89	106	126	**184**	126	106	89	75	64	6x18
75	90	111	138	**172**	**197**	**172**	138	111	90	75	
85	104	134	**175**	**202**	**228**	**202**	**175**	134	104	85	
92	114	**150**	**201**	**277**	**575**	**277**	**201**	**150**	114	92	
85	104	132	**170**	**221**	**387**	**221**	**170**	132	104	85	
76	90	110	134	**165**	**273**	**165**	134	110	90	76	120

3x25 | 5x16 | 3x25 = 230

58	66	66	77	89	104	89	77	66	66	58
64	75	89	106	126	**184**	126	106	89	75	64
75	90	111	138	172	**197**	172	138	111	90	75
85	104	134	**175**	**202**	**228**	**202**	**175**	134	104	85
92	114	150	**201**	**277**	**575**	**277**	**201**	150	114	92
85	104	132	170	**221**	**387**	**221**	170	132	104	85
76	90	110	134	165	**273**	165	134	110	90	76

● F max. = 606 kN
(500.000 Hub/Stroke/Course)

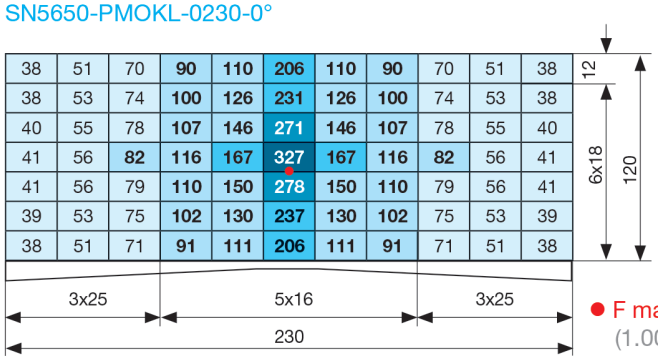
SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-0°

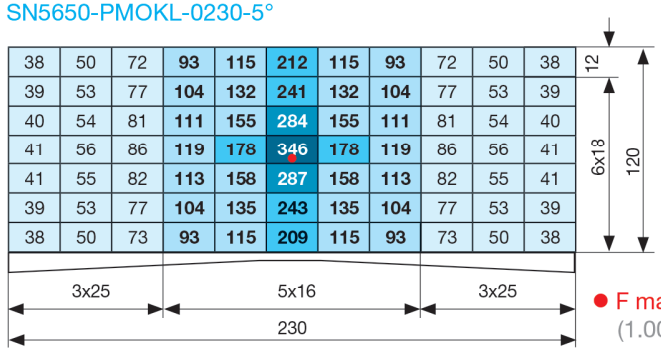


38	51	70	90	110	206	110	90	70	51	38	12
38	53	74	100	126	231	126	100	74	53	38	6x18
40	55	78	107	146	271	146	107	78	55	40	
41	56	82	116	167	327	167	116	82	56	41	
41	56	79	110	150	278	150	110	79	56	41	
39	53	75	102	130	237	130	102	75	53	39	
38	51	71	91	111	206	111	91	71	51	38	

38	47	47	56	63	70	63	56	47	47	38
38	47	56	63	70	78	70	63	56	47	38
39	47	56	63	70	78	70	63	56	47	39
39	47	56	63	70	78	70	63	56	47	39
39	47	56	63	70	78	70	63	56	47	39
39	47	56	63	70	78	70	63	56	47	39
38	47	56	63	70	78	70	63	56	47	38

● F max. = 332 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-5°

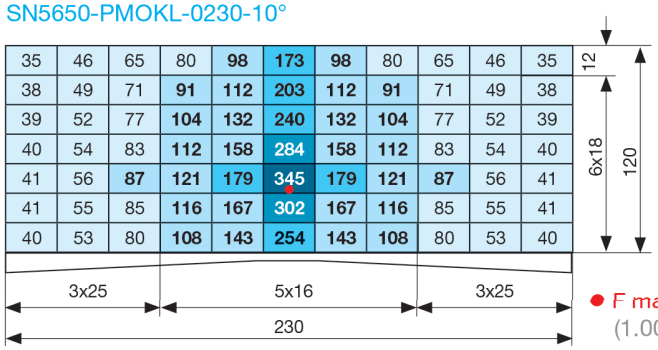


38	50	72	93	115	212	115	93	72	50	38	12
39	53	77	104	132	241	132	104	77	53	39	6x18
40	54	81	111	155	284	155	111	81	54	40	
41	56	86	119	178	346	178	119	86	56	41	
41	55	82	113	158	287	158	113	82	55	41	
39	53	77	104	135	243	135	104	77	53	39	
38	50	73	93	115	209	115	93	73	50	38	

38	49	49	60	68	75	68	60	49	49	38
39	49	60	68	75	85	75	68	60	49	39
40	49	60	68	75	85	75	68	60	49	40
40	49	60	68	75	85	75	68	60	49	40
40	49	60	68	75	85	75	68	60	49	40
39	49	60	68	75	85	75	68	60	49	39
38	49	60	68	75	85	75	68	60	49	38

● F max. = 348 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-10°

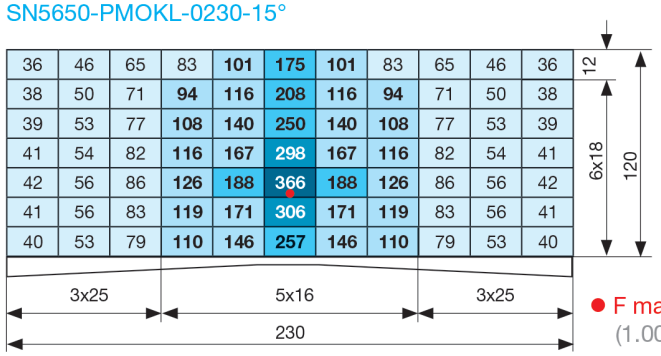


35	46	65	80	98	173	98	80	65	46	35	12
38	49	71	91	112	203	112	91	71	49	38	6x18
39	52	77	104	132	240	132	104	77	52	39	
40	54	83	112	158	284	158	112	83	54	40	
41	56	87	121	179	345	179	121	87	56	41	
41	55	85	116	167	302	167	116	85	55	41	
40	53	80	108	143	254	143	108	80	53	40	

35	46	46	64	73	82	73	64	46	46	35
38	49	64	73	81	92	81	73	64	49	38
39	50	64	73	81	92	81	73	64	50	39
40	50	64	73	81	92	81	73	64	50	40
41	50	64	73	81	92	81	73	64	50	41
41	50	64	73	81	92	81	73	64	50	41
40	50	64	73	81	92	81	73	64	50	40

● F max. = 358 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-15°



36	46	65	83	101	175	101	83	65	46	36	12
38	50	71	94	116	208	116	94	71	50	38	6x18
39	53	77	108	140	250	140	108	77	53	39	
41	54	82	116	167	298	167	116	82	54	41	
42	56	86	126	188	366	188	126	86	56	42	
41	56	83	119	171	306	171	119	83	56	41	
40	53	79	110	146	257	146	110	79	53	40	

36	46	46	65	79	88	79	65	46	46	36
38	50	67	78	88	100	88	78	67	50	38
39	52	67	78	88	100	88	78	67	52	39
41	52	67	78	88	100	88	78	67	52	41
42	52	67	78	88	100	88	78	67	52	42
41	52	67	78	88	100	88	78	67	52	41
40	52	67	78	88	100	88	78	67	52	40

● F max. = 373 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

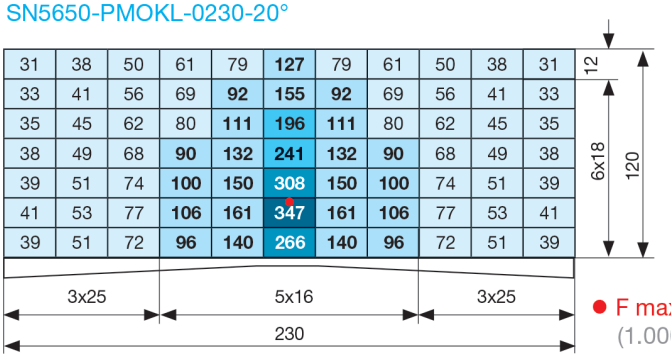
SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-20°

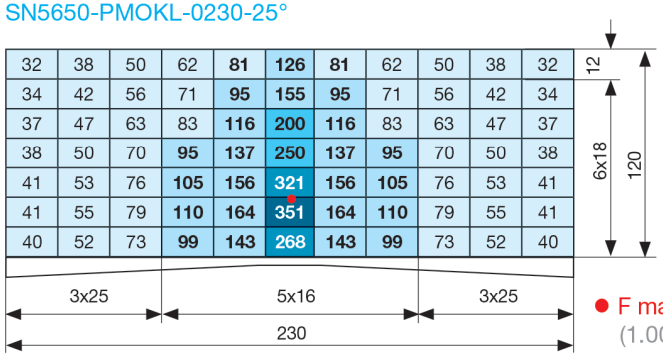


31	38	50	61	79	**127**	79	61	50	38	31
33	41	56	69	**92**	**155**	**92**	69	56	41	33
35	45	62	80	**111**	**196**	**111**	80	62	45	35
38	49	68	**90**	**132**	**241**	**132**	**90**	68	49	38
39	51	74	**100**	**150**	**308**	**150**	**100**	74	51	39
41	53	77	**106**	**161**	**347**	**161**	**106**	77	53	41
39	51	72	**96**	**140**	**266**	**140**	**96**	72	51	39

31	**38**	**38**	**50**	**61**	**79**	**61**	**50**	**38**	**38**	31
33	**41**	**56**	**69**	**92**	**110**	**92**	**69**	**56**	**41**	**33**
35	**45**	**62**	**78**	**92**	**110**	**92**	**78**	**62**	**45**	**35**
38	**49**	**66**	**78**	**92**	**110**	**92**	**78**	**66**	**49**	**38**
39	**51**	**66**	**78**	**92**	**110**	**92**	**78**	**66**	**51**	**39**
41	**53**	**66**	**78**	**92**	**110**	**92**	**78**	**66**	**53**	**41**
39	**51**	**66**	**78**	**92**	**110**	**92**	**78**	**66**	**51**	**39**

● F max. = 382 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-25°

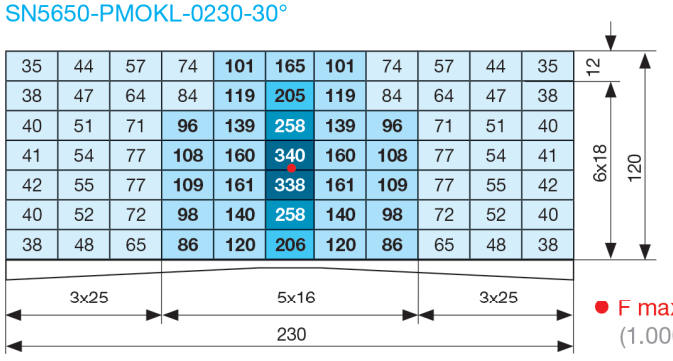


32	38	50	62	**81**	**126**	**81**	62	50	38	32
34	42	56	71	**95**	**155**	**95**	71	56	42	34
37	47	63	83	**116**	**200**	**116**	83	63	47	37
38	50	70	**95**	**137**	**250**	**137**	**95**	70	50	38
41	53	76	**105**	**156**	**321**	**156**	**105**	76	53	41
41	55	79	**110**	**164**	**351**	**164**	**110**	79	55	41
40	52	73	**99**	**143**	**268**	**143**	**99**	73	52	40

32	**38**	**38**	**50**	**62**	**81**	**62**	**50**	**38**	**38**	32
34	**42**	**56**	**71**	**95**	**119**	**95**	**71**	**56**	**42**	34
37	**47**	**63**	**83**	**99**	**119**	**99**	**83**	**63**	**47**	**37**
38	**50**	**70**	**84**	**98**	**119**	**98**	**84**	**70**	**50**	**38**
41	**53**	**70**	**84**	**98**	**119**	**98**	**84**	**70**	**53**	**41**
41	**55**	**70**	**84**	**98**	**119**	**98**	**84**	**70**	**55**	**41**
40	**52**	**70**	**84**	**98**	**119**	**98**	**84**	**70**	**52**	**40**

● F max. = 394 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-30°

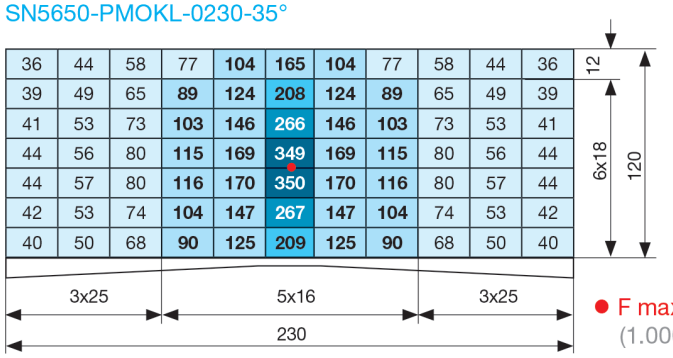


35	44	57	74	**101**	**165**	**101**	74	57	44	35
38	47	64	84	**119**	**205**	**119**	84	64	47	38
40	51	71	**96**	**139**	**258**	**139**	**96**	71	51	40
41	54	77	**108**	**160**	**340**	**160**	**108**	77	54	41
42	55	77	**109**	**161**	**338**	**161**	**109**	77	55	42
40	52	72	**98**	**140**	**258**	**140**	**98**	72	52	40
38	48	65	**86**	**120**	**206**	**120**	**86**	65	48	38

35	**44**	**44**	**57**	**74**	**101**	**74**	**57**	**44**	**44**	35
38	**47**	**64**	**84**	**107**	**132**	**107**	**84**	**64**	**47**	38
40	**51**	**71**	**91**	**107**	**132**	**107**	**91**	**71**	**51**	**40**
41	**54**	**74**	**91**	**107**	**132**	**107**	**91**	**74**	**54**	**41**
42	**55**	**74**	**91**	**107**	**132**	**107**	**91**	**74**	**55**	**42**
40	**52**	**72**	**91**	**107**	**132**	**107**	**91**	**72**	**52**	**40**
38	**48**	**65**	**86**	**107**	**132**	**107**	**86**	**65**	**48**	38

● F max. = 402 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-35°



36	44	58	77	**104**	**165**	**104**	77	58	44	36
39	49	65	**89**	**124**	**208**	**124**	**89**	65	49	39
41	53	73	**103**	**146**	**266**	**146**	**103**	73	53	41
44	56	80	**115**	**169**	**349**	**169**	**115**	80	56	44
44	57	80	**116**	**170**	**350**	**170**	**116**	80	57	44
42	53	74	**104**	**147**	**267**	**147**	**104**	74	53	42
40	50	68	**90**	**125**	**209**	**125**	**90**	68	50	40

36	**44**	**44**	**58**	**77**	**104**	**77**	**58**	**44**	**44**	36
39	**49**	**65**	**89**	**118**	**144**	**118**	**89**	**65**	**49**	39
41	**53**	**73**	**99**	**118**	**144**	**118**	**99**	**73**	**53**	41
44	**56**	**79**	**99**	**118**	**144**	**118**	**99**	**79**	**56**	**44**
44	**57**	**79**	**99**	**118**	**144**	**118**	**99**	**79**	**57**	**44**
42	**53**	**74**	**99**	**118**	**144**	**118**	**99**	**74**	**53**	42
40	**50**	**68**	**90**	**118**	**144**	**118**	**90**	**68**	**50**	40

● F max. = 413 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-40°

34	41	51	65	86	**127**	86	65	51	41	34	12
36	44	58	76	**103**	**147**	**103**	76	58	44	36	6x18
40	50	67	**92**	**127**	**200**	**127**	**92**	67	50	40	
43	54	75	**107**	**151**	**276**	**151**	**107**	75	54	43	
44	58	81	**120**	**176**	**366**	**176**	**120**	81	58	44	
45	58	81	**119**	**171**	**342**	**171**	**119**	81	58	45	
43	55	75	**106**	**148**	**263**	**148**	**106**	75	55	43	

120

3x25 | 5x16 | 3x25

230

34	41	41	**51**	**65**	**86**	**65**	**51**	41	41	34
36	44	**58**	**76**	**103**	**147**	**103**	**76**	**58**	44	36
40	**50**	**67**	**92**	**127**	**161**	**127**	**92**	**67**	**50**	40
43	**54**	**75**	**107**	**131**	**161**	**131**	**107**	**75**	**54**	43
44	**58**	**81**	**110**	**131**	**161**	**131**	**110**	**81**	**58**	44
45	**58**	**81**	**110**	**131**	**161**	**131**	**110**	**81**	**58**	45
43	**55**	**75**	**106**	**131**	**161**	**131**	**106**	**75**	**55**	43

● F max. = 419 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-45°

35	41	52	65	81	**95**	81	65	52	41	35	12
38	46	58	75	88	**103**	88	75	58	46	38	6x13
41	52	68	92	**103**	**122**	**103**	92	68	52	41	
44	56	77	**110**	**137**	**172**	**137**	**110**	77	56	44	
47	60	84	**124**	**183**	**377**	**183**	**124**	84	60	47	
47	60	83	**121**	**176**	**344**	**176**	**121**	83	60	47	
45	56	77	**107**	**151**	**262**	**151**	**107**	77	56	45	

120

3x25 | 5x16 | 3x25

230

35	41	41	52	**65**	**81**	**65**	52	41	41	35
38	46	**58**	**75**	**88**	**103**	**88**	**75**	**58**	46	38
41	52	**68**	**92**	**103**	**122**	**103**	**92**	**68**	52	41
44	**56**	**77**	**110**	**137**	**172**	**137**	**110**	**77**	**56**	44
47	**60**	**84**	**119**	**143**	**177**	**143**	**119**	**84**	**60**	47
47	**60**	**83**	**119**	**143**	**177**	**143**	**119**	**83**	**60**	47
45	**56**	**77**	**107**	**143**	**177**	**143**	**107**	**77**	**56**	45

● F max. = 428 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-50°

35	41	50	60	79	92	79	60	50	41	35	12
37	44	56	70	86	**101**	86	70	56	44	37	6x18
41	50	65	86	**101**	**121**	**101**	86	65	50	41	
45	56	76	**105**	**135**	**169**	**135**	**105**	76	56	45	
48	61	83	**120**	**178**	**342**	**178**	**120**	83	61	48	
50	63	88	**128**	**191**	**387**	**191**	**128**	88	63	50	
47	59	80	**113**	**163**	**288**	**163**	**113**	80	59	47	

120

3x25 | 5x16 | 3x25

230

35	41	41	50	60	**79**	60	50	41	41	35
37	44	56	**70**	**86**	**101**	**86**	**70**	56	44	37
41	50	**65**	**86**	**101**	**121**	**101**	**86**	**65**	50	41
45	56	**76**	**105**	**135**	**169**	**135**	**105**	**76**	56	45
48	**61**	**83**	**120**	**163**	**203**	**163**	**120**	**83**	**61**	48
50	**63**	**88**	**128**	**163**	**203**	**163**	**128**	**88**	**63**	50
47	59	**80**	**113**	**163**	**203**	**163**	**113**	**80**	59	47

● F max. = 434 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-55°

35	41	50	60	74	86	74	60	50	41	35	12
38	46	56	69	78	92	78	69	56	46	38	6x18
43	52	66	86	89	**104**	89	86	66	52	43	
47	59	78	**104**	**108**	**129**	**108**	**104**	78	59	47	
51	64	87	**123**	**185**	**278**	**185**	**123**	87	64	51	
53	67	91	**130**	**197**	**389**	**197**	**130**	91	67	53	
50	62	83	**114**	**166**	**285**	**166**	**114**	83	62	50	

120

3x25 | 5x16 | 3x25

230

35	41	41	50	60	**74**	60	50	41	41	35
38	46	56	**69**	**78**	**92**	**78**	**69**	56	46	38
43	52	66	**86**	**89**	**104**	**89**	**86**	66	52	43
47	59	**78**	**104**	**108**	**129**	**108**	**104**	**78**	59	47
51	64	**87**	**123**	**182**	**226**	**182**	**123**	**87**	64	51
53	67	**91**	**130**	**182**	**226**	**182**	**130**	**91**	67	53
50	62	**83**	**114**	**166**	**226**	**166**	**114**	**83**	62	50

● F max. = 440 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0230-60°

40	47	57	70	86	**101**	86	70	57	47	40	12
44	53	66	84	95	**113**	95	84	66	53	44	6x18
49	61	79	**106**	**117**	**142**	**117**	**106**	79	61	49	
53	66	89	**125**	**188**	**329**	**188**	**125**	89	66	53	
55	70	95	**133**	**205**	**399**	**205**	**133**	95	70	55	
52	65	86	**117**	**171**	**290**	**171**	**117**	86	65	52	
48	59	75	97	**136**	**212**	**136**	97	75	59	48	120

3x25 | 5x16 | 3x25 = 230

40	47	47	57	70	**86**	70	57	47	47	40
44	53	66	**84**	**95**	**113**	**95**	**84**	66	53	44
49	61	79	**106**	**117**	**142**	**117**	**106**	79	61	49
53	66	**89**	**125**	**188**	**267**	**188**	**125**	**89**	66	53
55	70	**95**	**133**	**205**	**267**	**205**	**133**	**95**	70	55
52	65	**86**	**117**	**171**	**267**	**171**	**117**	**86**	65	52
48	59	75	**97**	**136**	**212**	**136**	**97**	75	59	48

● F max. = 444 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-65°

41	48	58	70	81	92	81	70	58	48	41	12
46	54	68	83	86	98	86	83	68	54	46	6x18
52	64	82	98	98	**113**	98	98	82	64	52	
56	71	94	**128**	**140**	**171**	**140**	**128**	94	71	56	
59	74	99	**137**	**205**	**402**	**205**	**137**	99	74	59	
56	69	89	**119**	**169**	**286**	**169**	**119**	89	69	56	
50	61	77	97	**130**	**206**	**130**	97	77	61	50	120

3x25 | 5x16 | 3x25 = 230

41	48	48	58	70	81	70	58	48	48	41
46	54	68	83	86	**98**	86	83	68	54	46
52	64	82	**98**	**98**	**113**	**98**	**98**	82	64	52
56	71	**94**	**128**	**140**	**171**	**140**	**128**	**94**	71	56
59	74	**99**	**137**	**205**	**305**	**205**	**137**	**99**	74	59
56	69	89	**119**	**169**	**286**	**169**	**119**	89	69	56
50	61	77	**97**	**130**	**206**	**130**	**97**	77	61	50

● F max. = 449 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0230-70°

41	48	57	67	83	**110**	83	67	57	48	41	12
46	54	66	80	101	**116**	101	80	66	54	46	6x18
53	64	81	103	**113**	**130**	**113**	103	81	64	53	
59	73	95	**128**	**142**	**168**	**142**	**128**	95	73	59	
63	79	105	**144**	**209**	**430**	**209**	**144**	105	79	63	
59	73	95	**125**	**172**	**299**	**172**	**125**	95	73	59	
54	65	80	101	**131**	**213**	**131**	101	80	65	54	120

3x25 | 5x16 | 3x25 = 230

41	48	48	57	67	83	67	57	48	48	41
46	54	66	80	101	**116**	101	80	66	54	46
53	64	81	103	113	**130**	113	103	81	64	53
59	73	95	**128**	**142**	**168**	**142**	**128**	95	73	59
63	79	105	**144**	**209**	**383**	**209**	**144**	105	79	63
59	73	95	**125**	**172**	**299**	**172**	**125**	95	73	59
54	65	80	101	**131**	**213**	**131**	101	80	65	54

● F max. = 452 kN
(1.000.000 Hub/Stroke/Course)

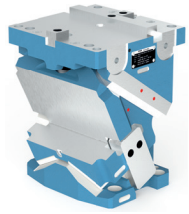
SN5650-PMOKL-0230-75°

44	50	58	67	78	**120**	78	67	58	50	44	12
48	56	67	80	95	**138**	95	80	67	56	48	6x18
56	68	83	104	**129**	**148**	**129**	104	83	68	56	
64	78	101	**131**	**152**	**171**	**152**	**131**	101	78	64	
69	86	**113**	**151**	**208**	**431**	**208**	**151**	**113**	86	69	
64	78	99	**128**	**166**	**290**	**166**	**128**	99	78	64	
57	68	83	101	**124**	**205**	**124**	101	83	68	57	120

3x25 | 5x16 | 3x25 = 230

44	50	50	58	67	78	67	58	50	50	44
48	56	67	80	95	**138**	95	80	67	56	48
56	68	83	104	129	**148**	129	104	83	68	56
64	78	101	**131**	**152**	**171**	**152**	**131**	101	78	64
69	86	113	**151**	**208**	**431**	**208**	**151**	113	86	69
64	78	99	128	**166**	**290**	**166**	128	99	78	64
57	68	83	101	124	**205**	124	101	83	68	57

● F max. = 455 kN
(1.000.000 Hub/Stroke/Course)

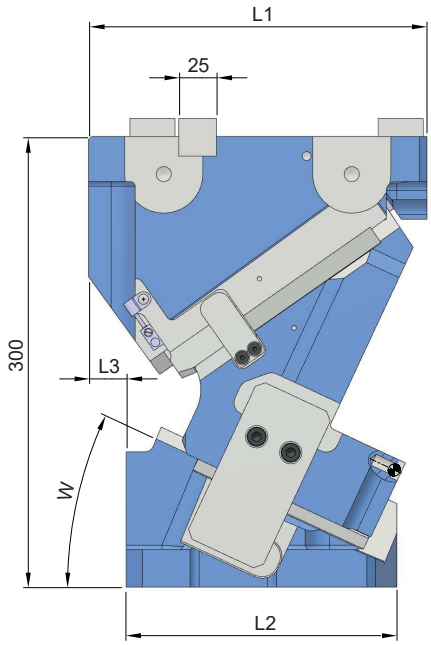


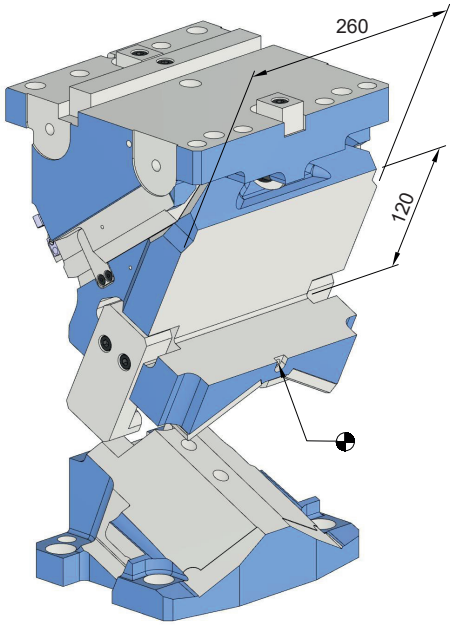
SN5650-PMOKL-0260-

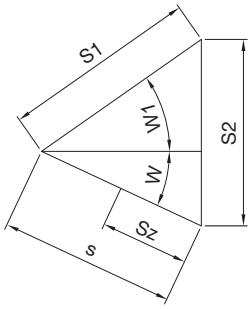
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	260 x 120 mm
Schieberbreite max.	*Cam unit width max.*	260 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 524 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



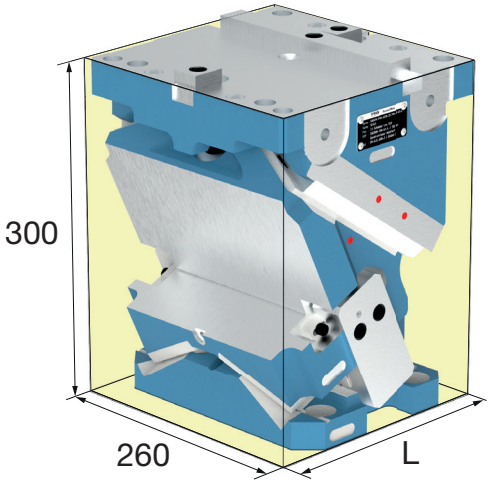
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0260-

Oben hängender Kompakt-L-Schieber



E0



E1



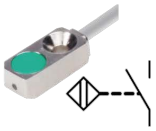
G0



S0



S1

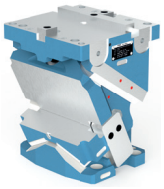


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

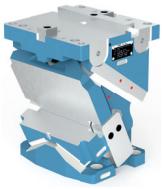
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E0-G0-S0-V04
0°	E0	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E0-G0-S1-V04
0°	E0	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E0-G1-S0-V04
0°	E0	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E0-G1-S1-V04
0°	E1	G0	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E1-G0-S0-V04
0°	E1	G0	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E1-G0-S1-V04
0°	E1	G1	S0	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E1-G1-S0-V04
0°	E1	G1	S1	235	47	28.6	42	30.7	15.4	235	215	15	SN5650-PMOKL-0260-00-E1-G1-S1-V04
5°	E0	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E0-G0-S0-V04
5°	E0	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E0-G0-S1-V04
5°	E0	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E0-G1-S0-V04
5°	E0	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E0-G1-S1-V04
5°	E1	G0	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E1-G0-S0-V04
5°	E1	G0	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E1-G0-S1-V04
5°	E1	G1	S0	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E1-G1-S0-V04
5°	E1	G1	S1	235	45	29.8	42	32.3	15.4	235	215	15	SN5650-PMOKL-0260-05-E1-G1-S1-V04
10°	E0	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E0-G0-S0-V04
10°	E0	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E0-G0-S1-V04
10°	E0	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E0-G1-S0-V04
10°	E0	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E0-G1-S1-V04
10°	E1	G0	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E1-G0-S0-V04
10°	E1	G0	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E1-G0-S1-V04
10°	E1	G1	S0	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E1-G1-S0-V04
10°	E1	G1	S1	230	42	31.7	42	33.6	21.4	230	210	15	SN5650-PMOKL-0260-10-E1-G1-S1-V04
15°	E0	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E0-G0-S0-V04
15°	E0	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E0-G0-S1-V04
15°	E0	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E0-G1-S0-V04
15°	E0	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E0-G1-S1-V04
15°	E1	G0	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E1-G0-S0-V04
15°	E1	G0	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E1-G0-S1-V04
15°	E1	G1	S0	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E1-G1-S0-V04
15°	E1	G1	S1	230	40	33.3	42	35.6	21.4	230	210	15	SN5650-PMOKL-0260-15-E1-G1-S1-V04
20°	E0	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E0-G0-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E0-G0-S1-V04
20°	E0	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E0-G1-S0-V04
20°	E0	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E0-G1-S1-V04
20°	E1	G0	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E1-G0-S0-V04
20°	E1	G0	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E1-G0-S1-V04
20°	E1	G1	S0	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E1-G1-S0-V04
20°	E1	G1	S1	225	37	35.7	42	37.5	22.4	225	180	25	SN5650-PMOKL-0260-20-E1-G1-S1-V04
25°	E0	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E0-G0-S0-V04
25°	E0	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E0-G0-S1-V04
25°	E0	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E0-G1-S0-V04
25°	E0	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E0-G1-S1-V04
25°	E1	G0	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E1-G0-S0-V04
25°	E1	G0	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E1-G0-S1-V04
25°	E1	G1	S0	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E1-G1-S0-V04
25°	E1	G1	S1	225	35	38	42	40.1	22.4	225	180	25	SN5650-PMOKL-0260-25-E1-G1-S1-V04
30°	E0	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E0-G0-S0-V04
30°	E0	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E0-G0-S1-V04
30°	E0	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E0-G1-S0-V04
30°	E0	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E0-G1-S1-V04
30°	E1	G0	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E1-G0-S0-V04
30°	E1	G0	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E1-G0-S1-V04
30°	E1	G1	S0	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E1-G1-S0-V04
30°	E1	G1	S1	235	32	41.1	42	42.8	28.4	235	160	15	SN5650-PMOKL-0260-30-E1-G1-S1-V04
35°	E0	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E0-G0-S0-V04
35°	E0	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E0-G0-S1-V04
35°	E0	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E0-G1-S0-V04
35°	E0	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E0-G1-S1-V04
35°	E1	G0	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E1-G0-S0-V04
35°	E1	G0	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E1-G0-S1-V04
35°	E1	G1	S0	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E1-G1-S0-V04
35°	E1	G1	S1	235	30	44.4	42	46.5	31.4	235	160	15	SN5650-PMOKL-0260-35-E1-G1-S1-V04
40°	E0	G0	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E0-G0-S0-V04
40°	E0	G0	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E0-G0-S1-V04
40°	E0	G1	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E0-G1-S0-V04
40°	E0	G1	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E0-G1-S1-V04
40°	E1	G0	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E1-G0-S0-V04
40°	E1	G0	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E1-G0-S1-V04
40°	E1	G1	S0	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E1-G1-S0-V04
40°	E1	G1	S1	230	27	43	37	44.5	31.4	225	160	5	SN5650-PMOKL-0260-40-E1-G1-S1-V04
45°	E0	G0	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E0-G0-S0-V04
45°	E0	G0	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E0-G0-S1-V04
45°	E0	G1	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E0-G1-S0-V04
45°	E0	G1	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E0-G1-S1-V04
45°	E1	G0	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E1-G0-S0-V04
45°	E1	G0	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E1-G0-S1-V04
45°	E1	G1	S0	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E1-G1-S0-V04
45°	E1	G1	S1	230	25	47.4	37	49.2	31.4	225	160	5	SN5650-PMOKL-0260-45-E1-G1-S1-V04
50°	E0	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E0-G0-S0-V04
50°	E0	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E0-G0-S1-V04
50°	E0	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E0-G1-S0-V04
50°	E0	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E0-G1-S1-V04
50°	E1	G0	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E1-G0-S0-V04
50°	E1	G0	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E1-G0-S1-V04
50°	E1	G1	S0	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E1-G1-S0-V04
50°	E1	G1	S1	230	22	53.4	37	54.7	36.4	230	140	0	SN5650-PMOKL-0260-50-E1-G1-S1-V04

D 1801D 06.2022

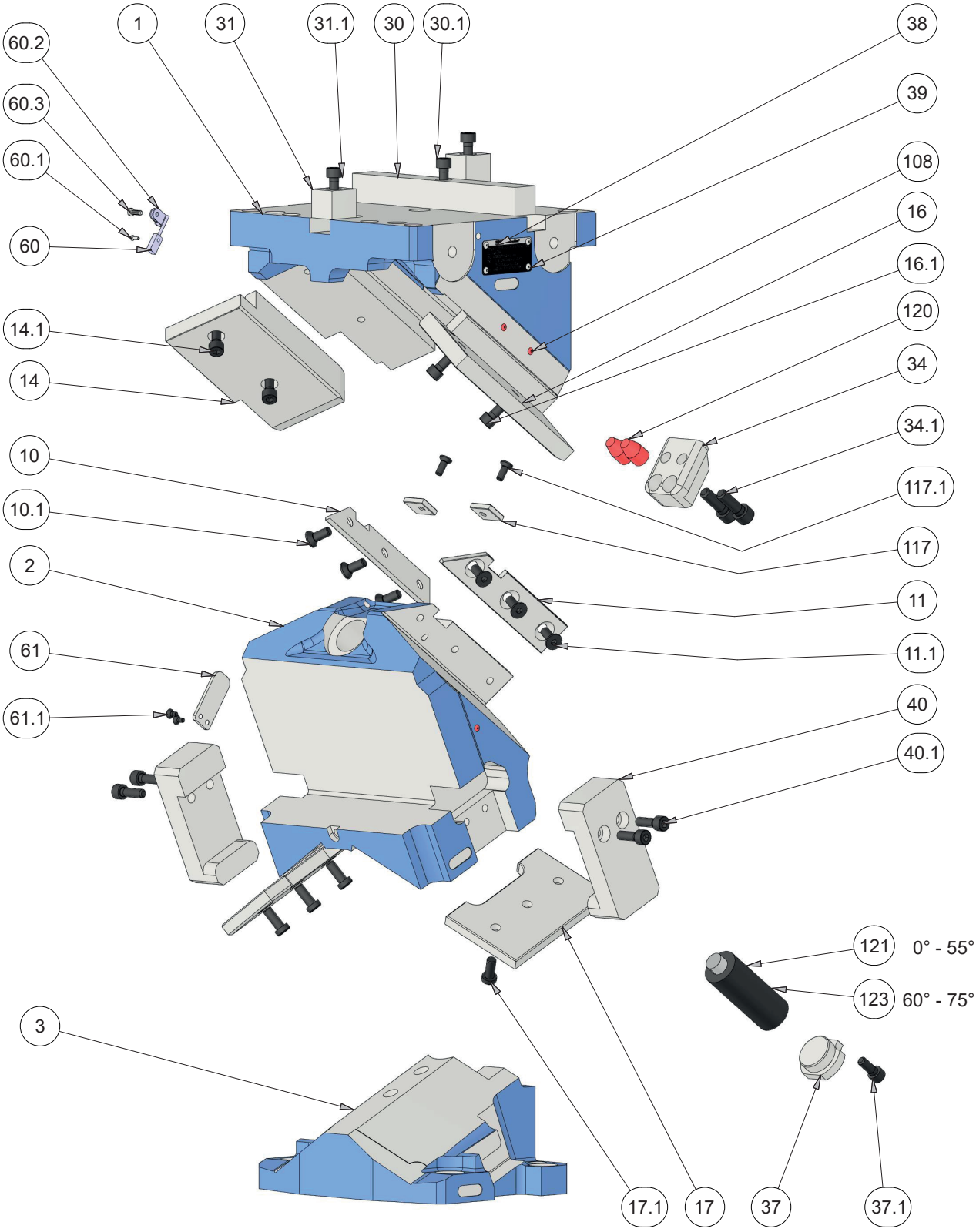


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E0-G0-S0-V04
55°	E0	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E0-G0-S1-V04
55°	E0	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E0-G1-S0-V04
55°	E0	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E0-G1-S1-V04
55°	E1	G0	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E1-G0-S0-V04
55°	E1	G0	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E1-G0-S1-V04
55°	E1	G1	S0	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E1-G1-S0-V04
55°	E1	G1	S1	230	20	60.6	37	62.3	36.4	230	140	0	SN5650-PMOKL-0260-55-E1-G1-S1-V04
60°	E0	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E0-G0-S0-V04
60°	E0	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E0-G0-S1-V04
60°	E0	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E0-G1-S0-V04
60°	E0	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E0-G1-S1-V04
60°	E1	G0	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E1-G0-S0-V04
60°	E1	G0	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E1-G0-S1-V04
60°	E1	G1	S0	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E1-G1-S0-V04
60°	E1	G1	S1	265	17	42.1	22	42.9	31.4	245	135	20	SN5650-PMOKL-0260-60-E1-G1-S1-V04
65°	E0	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E0-G0-S0-V04
65°	E0	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E0-G0-S1-V04
65°	E0	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E0-G1-S0-V04
65°	E0	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E0-G1-S1-V04
65°	E1	G0	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E1-G0-S0-V04
65°	E1	G0	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E1-G0-S1-V04
65°	E1	G1	S0	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E1-G1-S0-V04
65°	E1	G1	S1	265	15	50.3	22	51.3	31.4	245	135	20	SN5650-PMOKL-0260-65-E1-G1-S1-V04
70°	E0	G0	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E0-G0-S0-V04
70°	E0	G0	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E0-G0-S1-V04
70°	E0	G1	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E0-G1-S0-V04
70°	E0	G1	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E0-G1-S1-V04
70°	E1	G0	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E1-G0-S0-V04
70°	E1	G0	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E1-G0-S1-V04
70°	E1	G1	S0	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E1-G1-S0-V04
70°	E1	G1	S1	285	17	34.3	12	34.7	29.4	240	130	45	SN5650-PMOKL-0260-70-E1-G1-S1-V04
75°	E0	G0	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E0-G0-S0-V04
75°	E0	G0	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E0-G0-S1-V04
75°	E0	G1	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E0-G1-S0-V04
75°	E0	G1	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E0-G1-S1-V04
75°	E1	G0	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E1-G0-S0-V04
75°	E1	G0	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E1-G0-S1-V04
75°	E1	G1	S0	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E1-G1-S0-V04
75°	E1	G1	S1	285	15	45.7	12	46.2	31.4	240	130	45	SN5650-PMOKL-0260-75-E1-G1-S1-V04

SN5650-PMOKL-0260-

Bauteile

Components



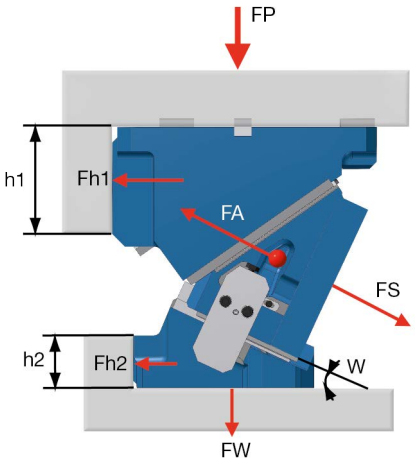
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0260-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	524	493	524	493	0	80	50	28
05°	550	512	507	464	41	80	50	31
10°	551	524	467	428	75	80	50	45
15°	510	481	399	349	93	80	50	50
20°	602	577	431	371	135	80	50	42
25°	622	592	410	329	153	80	50	48
30°	651	628	389	302	175	80	50	43
35°	669	642	367	258	181	80	50	50
40°	670	651	329	220	185	80	50	49
45°	685	663	306	178	178	80	50	58
50°	693	677	271	146	175	80	100	54
55°	704	686	247	110	157	80	100	54
60°	710	698	211	83	144	80	100	54
65°	718	705	187	54	117	80	100	54
70°	722	714	150	35	97	80	100	52
75°	727	719	125	17	63	80	100	52



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	393	371	393	371	0	80	50	28
05°	413	385	380	349	31	80	50	31
10°	413	394	350	322	57	80	50	45
15°	383	362	299	263	70	80	50	50
20°	452	434	323	279	102	80	50	42
25°	467	445	307	248	115	80	50	48
30°	488	471	292	227	131	80	50	43
35°	502	482	275	194	136	80	50	50
40°	503	489	246	166	139	80	50	49
45°	514	497	229	134	134	80	50	58
50°	520	497	229	134	134	80	50	58
55°	528	515	185	83	118	80	100	54
60°	533	524	158	63	108	80	100	54
65°	539	529	140	41	88	80	100	54
70°	542	536	112	27	73	80	100	52
75°	545	540	93	13	48	80	100	52

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

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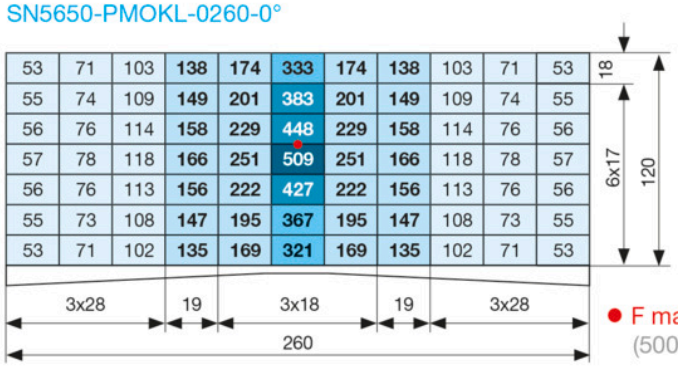
SN5650-PMOKL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-0°

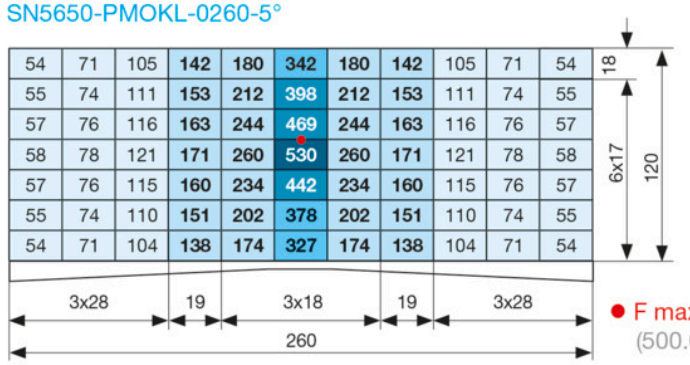


53	71	103	138	174	333	174	138	103	71	53
55	74	109	149	201	383	201	149	109	74	55
56	76	114	158	229	448	229	158	114	76	56
57	78	118	166	251	509	251	166	118	78	57
56	76	113	156	222	427	222	156	113	76	56
55	73	108	147	195	367	195	147	108	73	55
53	71	102	135	169	321	169	135	102	71	53

53	71	71	89	101	114	101	89	71	71	53
55	71	89	101	114	130	114	101	89	71	55
56	71	89	101	114	130	114	101	89	71	56
57	71	89	101	114	130	114	101	89	71	57
56	71	89	101	114	130	114	101	89	71	56
55	71	89	101	114	130	114	101	89	71	55
53	71	89	101	114	130	114	101	89	71	53

● F max. = 524 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-5°

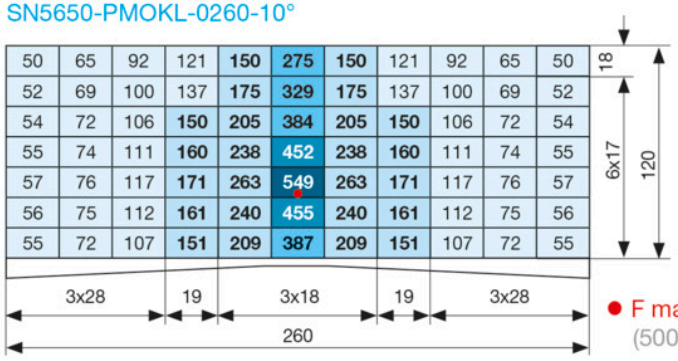


54	71	105	142	180	342	180	142	105	71	54
55	74	111	153	212	398	212	153	111	74	55
57	76	116	163	244	469	244	163	116	76	57
58	78	121	171	260	530	260	171	121	78	58
57	76	115	160	234	442	234	160	115	76	57
55	74	110	151	202	378	202	151	110	74	55
54	71	104	138	174	327	174	138	104	71	54

54	71	71	94	108	123	108	94	71	71	54
55	73	94	108	123	141	123	108	94	73	55
57	73	94	108	123	141	123	108	94	73	57
58	73	94	108	123	141	123	108	94	73	58
57	73	94	108	123	141	123	108	94	73	57
55	73	94	108	123	141	123	108	94	73	55
54	71	94	108	123	141	123	108	94	71	54

● F max. = 550 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-10°

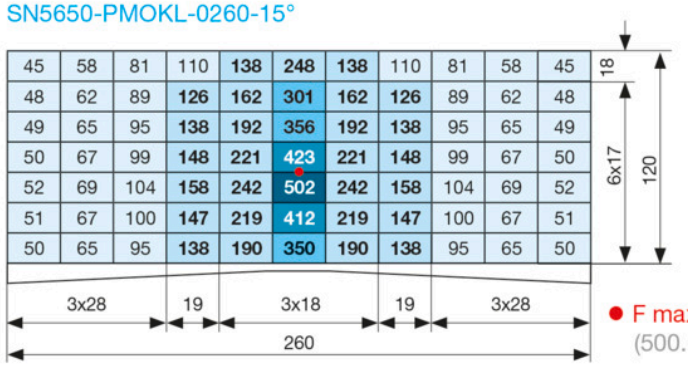


50	65	92	121	150	275	150	121	92	65	50
52	69	100	137	175	329	175	137	100	69	52
54	72	106	150	205	384	205	150	106	72	54
55	74	111	160	238	452	238	160	111	74	55
57	76	117	171	263	549	263	171	117	76	57
56	75	112	161	240	455	240	161	112	75	56
55	72	107	151	209	387	209	151	107	72	55

50	65	65	92	117	133	117	92	65	65	50
52	69	98	116	133	153	133	116	98	69	52
54	72	98	116	133	153	133	116	98	72	54
55	74	98	116	133	153	133	116	98	74	55
57	76	98	116	133	153	133	116	98	76	57
56	75	98	116	133	153	133	116	98	75	56
55	72	98	116	133	153	133	116	98	72	55

● F max. = 551 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-15°



45	58	81	110	138	248	138	110	81	58	45
48	62	89	126	162	301	162	126	89	62	48
49	65	95	138	192	356	192	138	95	65	49
50	67	99	148	221	423	221	148	99	67	50
52	69	104	158	242	502	242	158	104	69	52
51	67	100	147	219	412	219	147	100	67	51
50	65	95	138	190	350	190	138	95	65	50

45	58	58	81	110	138	110	81	58	58	45
48	62	89	124	143	166	143	124	89	62	48
49	65	95	124	143	166	143	124	95	65	49
50	67	99	124	143	166	143	124	99	67	50
52	69	101	124	143	166	143	124	101	69	52
51	67	100	124	143	166	143	124	100	67	51
50	65	95	124	143	166	143	124	95	65	50

● F max. = 510 kN
(500.000 Hub/Stroke/Course)

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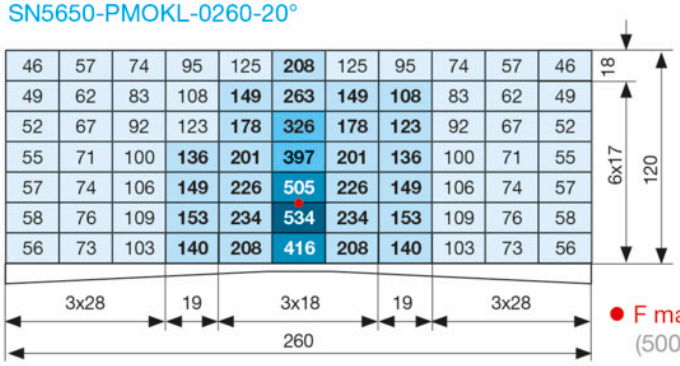
SN5650-PMOKL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-20°

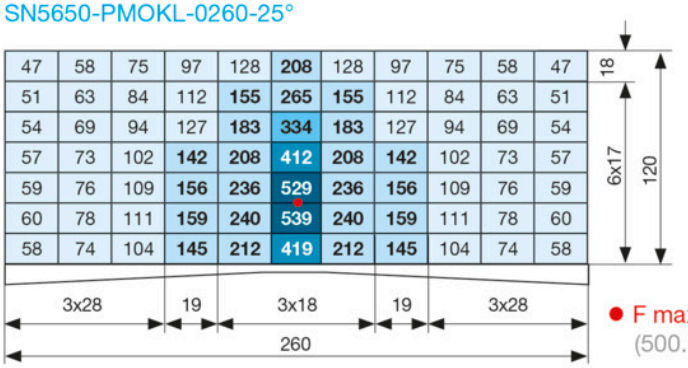


46	57	74	95	125	208	125	95	74	57	46
49	62	83	108	149	263	149	108	83	62	49
52	67	92	123	178	326	178	123	92	67	52
55	71	100	136	201	397	201	136	100	71	55
57	74	106	149	226	505	226	149	106	74	57
58	76	109	153	234	534	234	153	109	76	58
56	73	103	140	208	416	208	140	103	73	56

46	57	57	74	95	125	95	74	57	57	46
49	62	83	108	149	183	149	108	83	62	49
52	67	92	123	148	183	148	123	92	67	52
55	71	100	124	148	183	148	124	100	71	55
57	74	101	124	148	183	148	124	101	74	57
58	76	101	124	148	183	148	124	101	76	58
56	73	101	124	148	183	148	124	101	73	56

● F max. = 602 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-25°

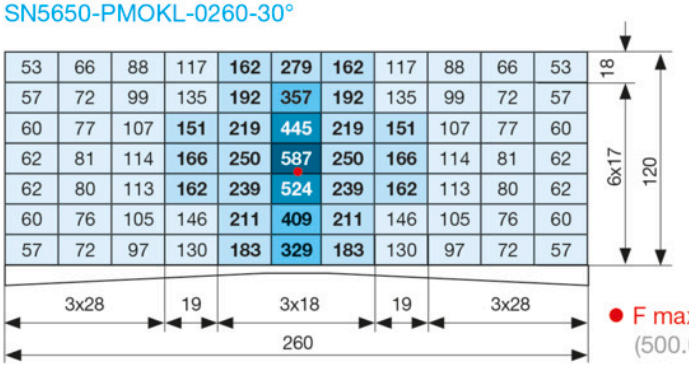


47	58	75	97	128	208	128	97	75	58	47
51	63	84	112	155	265	155	112	84	63	51
54	69	94	127	183	334	183	127	94	69	54
57	73	102	142	208	412	208	142	102	73	57
59	76	109	156	236	529	236	156	109	76	59
60	78	111	159	240	539	240	159	111	78	60
58	74	104	145	212	419	212	145	104	74	58

47	58	58	75	97	129	97	75	58	58	47
51	63	84	112	155	198	155	112	84	63	51
54	69	94	127	159	198	159	127	94	69	54
57	73	102	133	159	198	159	133	102	73	57
59	76	106	133	159	198	159	133	106	76	59
60	78	106	133	159	198	159	133	106	78	60
58	74	104	133	159	198	159	133	104	74	58

● F max. = 622 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-30°

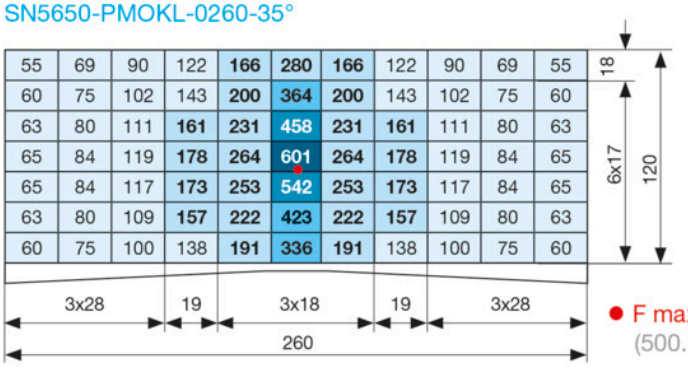


53	66	88	117	162	279	162	117	88	66	53
57	72	99	135	192	357	192	135	99	72	57
60	77	107	151	219	445	219	151	107	77	60
62	81	114	166	250	587	250	166	114	81	62
62	80	113	162	239	524	239	162	113	80	62
60	76	105	146	211	409	211	146	105	76	60
57	72	97	130	183	329	183	130	97	72	57

53	66	66	88	117	162	117	88	66	66	53
57	72	99	135	173	219	173	135	99	72	57
60	77	107	143	173	219	173	143	107	77	60
62	81	112	143	173	219	173	143	112	81	62
62	80	112	143	173	219	173	143	112	80	62
60	76	105	143	173	219	173	143	105	76	60
57	72	97	130	174	219	174	130	97	72	57

● F max. = 651 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-35°



55	69	90	122	166	280	166	122	90	69	55
60	75	102	143	200	364	200	143	102	75	60
63	80	111	161	231	458	231	161	111	80	63
65	84	119	178	264	601	264	178	119	84	65
65	84	117	173	253	542	253	173	117	84	65
63	80	109	157	222	423	222	157	109	80	63
60	75	100	138	191	336	191	138	100	75	60

55	69	69	90	122	166	122	90	69	69	55
60	75	102	143	189	239	189	143	102	75	60
63	80	111	156	189	239	189	156	111	80	63
65	84	119	156	189	239	189	156	119	84	65
65	84	117	156	189	239	189	156	117	84	65
63	80	109	156	189	239	189	156	109	80	63
60	75	100	138	190	239	190	138	100	75	60

● F max. = 669 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

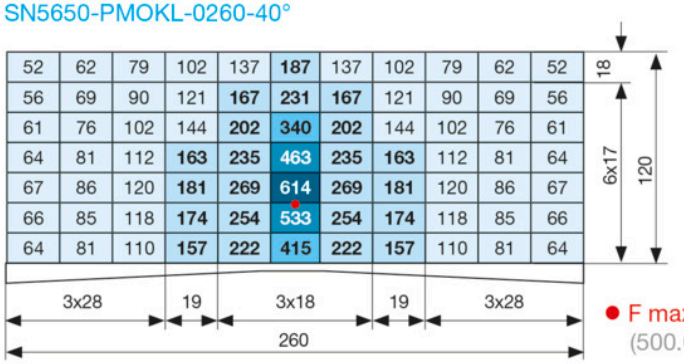
SN5650-PMOKL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-40°

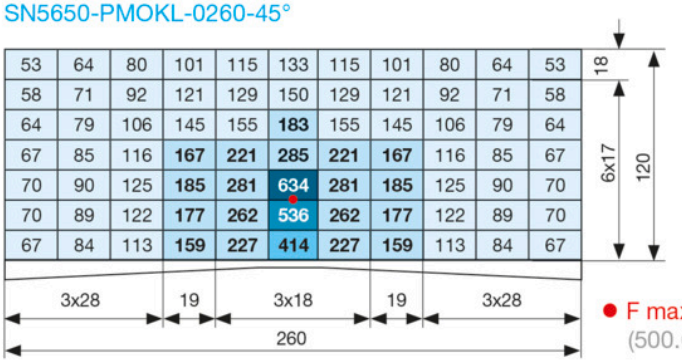


52	62	79	102	137	**187**	137	102	79	62	52
56	69	90	121	**167**	**231**	**167**	121	90	69	56
61	76	102	144	**202**	**340**	**202**	144	102	76	61
64	81	112	**163**	**235**	**463**	**235**	**163**	112	81	64
67	86	120	**181**	**269**	**614**	**269**	**181**	120	86	67
66	85	118	**174**	**254**	**533**	**254**	**174**	118	85	66
64	81	110	**157**	**222**	**415**	**222**	**157**	110	81	64

52	62	62	79	**102**	**137**	**102**	79	62	62	52
56	69	**90**	**121**	**167**	**231**	**167**	**121**	**90**	69	56
61	76	**102**	**144**	**202**	**268**	**202**	**144**	**102**	76	61
64	**81**	**112**	**163**	**210**	**268**	**210**	**163**	**112**	**81**	64
67	**86**	**120**	**171**	**210**	**268**	**210**	**171**	**120**	**86**	67
66	**85**	**118**	**171**	**210**	**268**	**210**	**171**	**118**	**85**	66
64	**81**	**110**	**157**	**210**	**268**	**210**	**157**	**110**	**81**	64

● F max. = 670 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-45°

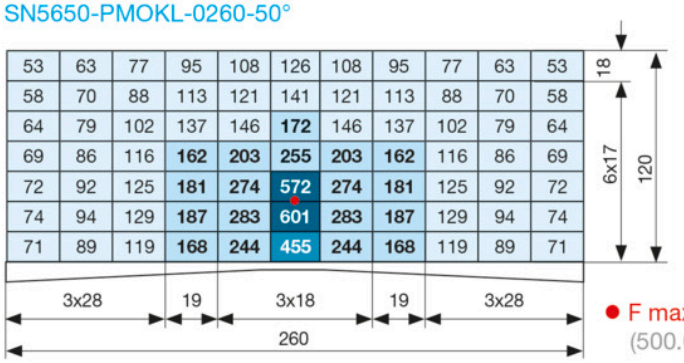


53	64	80	101	115	133	115	101	80	64	53
58	71	92	121	129	150	129	121	92	71	58
64	79	106	145	155	**183**	155	145	106	79	64
67	85	116	**167**	**221**	**285**	**221**	**167**	116	85	67
70	90	125	**185**	**281**	**634**	**281**	**185**	125	90	70
70	89	122	**177**	**262**	**536**	**262**	**177**	122	89	70
67	84	113	**159**	**227**	**414**	**227**	**159**	113	84	67

53	64	64	80	**101**	**115**	**101**	80	64	64	53
58	71	**92**	**121**	**129**	**150**	**129**	**121**	**92**	71	58
64	79	**106**	**145**	**155**	**183**	**155**	**145**	**106**	79	64
67	85	**116**	**167**	**221**	**285**	**221**	**167**	**116**	85	67
70	**90**	**125**	**183**	**231**	**294**	**231**	**183**	**125**	**90**	70
70	**89**	**122**	**177**	**231**	**294**	**231**	**177**	**122**	**89**	70
67	84	**113**	**159**	**227**	**294**	**227**	**159**	**113**	84	67

● F max. = 685 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-50°

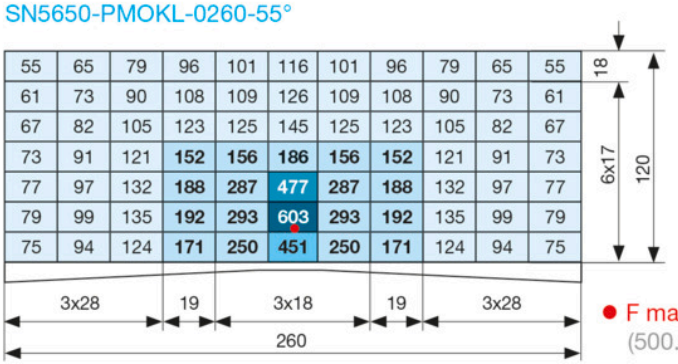


53	63	77	95	108	126	108	95	77	63	53
58	70	88	113	121	141	121	113	88	70	58
64	79	102	137	146	**172**	146	137	102	79	64
69	86	116	**162**	**203**	**255**	**203**	**162**	116	86	69
72	92	125	**181**	**274**	**572**	**274**	**181**	125	92	72
74	94	129	**187**	**283**	**601**	**283**	**187**	129	94	74
71	89	119	**168**	**244**	**455**	**244**	**168**	119	89	71

53	63	63	77	95	**108**	95	77	63	63	53
58	70	88	**113**	**121**	**141**	**121**	**113**	88	70	58
64	79	**102**	**137**	**146**	**172**	**146**	**137**	**102**	79	64
69	86	**116**	**162**	**203**	**255**	**203**	**162**	**116**	86	69
72	92	**125**	**181**	**262**	**336**	**262**	**181**	**125**	92	72
74	94	**129**	**187**	**262**	**336**	**262**	**187**	**129**	94	74
71	89	**119**	**168**	**244**	**336**	**244**	**168**	**119**	89	71

● F max. = 693 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-55°



55	65	79	96	101	116	101	96	79	65	55
61	73	90	108	109	126	109	108	90	73	61
67	82	105	123	125	145	125	123	105	82	67
73	91	121	**152**	**156**	**186**	**156**	**152**	121	91	73
77	97	132	**188**	**287**	**477**	**287**	**188**	132	97	77
79	99	135	**192**	**293**	**603**	**293**	**192**	135	99	79
75	94	124	**171**	**250**	**451**	**250**	**171**	124	94	75

55	65	65	79	95	101	95	79	65	65	55
61	73	90	108	109	**126**	109	108	90	73	61
67	82	105	**123**	**125**	**145**	**125**	**123**	105	82	67
73	91	**121**	**152**	**156**	**186**	**156**	**152**	**121**	91	73
77	97	**132**	**188**	**287**	**375**	**287**	**188**	**132**	97	77
79	99	**135**	**192**	**293**	**375**	**293**	**192**	**135**	99	79
75	94	**124**	**171**	**250**	**375**	**250**	**171**	**124**	94	75

● F max. = 704 kN
(500.000 Hub/Stroke/Course)

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SN5650-PMOKL-0260-

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Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-60°

62	74	91	112	119	137	119	112	91	74	62	18
69	84	107	136	136	**160**	136	136	107	84	69	6x17
76	94	124	**168**	**172**	**209**	**172**	**168**	124	94	76	120
81	102	137	**192**	**294**	**590**	**294**	**192**	137	102	81	
83	104	140	**196**	**301**	**607**	**301**	**196**	140	104	83	
79	98	128	**174**	**254**	**423**	**254**	**174**	128	98	79	
73	89	113	146	**202**	**334**	**202**	146	113	89	73	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

62	74	74	91	112	119	112	91	74	74	62
69	84	107	**136**	**136**	**160**	**136**	**136**	107	84	69
76	94	124	**168**	**172**	**209**	**172**	**168**	124	94	76
81	102	**137**	**192**	**294**	**443**	**294**	**192**	**137**	102	81
83	104	**140**	**196**	**301**	**443**	**301**	**196**	**140**	104	83
79	98	128	**174**	**254**	**423**	**254**	**174**	128	98	79
73	89	113	**146**	**202**	**334**	**202**	**146**	113	89	73

● F max. = 710 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-65°

65	76	92	111	111	124	111	111	92	76	65	18
73	88	110	121	121	136	121	121	110	88	73	6x17
82	101	130	140	140	**160**	140	140	130	101	82	120
88	110	145	**200**	**235**	**293**	**235**	**200**	145	110	88	
90	112	149	**205**	**297**	**612**	**297**	**205**	149	112	90	
85	104	135	**179**	**246**	**443**	**246**	**179**	135	104	85	
77	93	116	147	**191**	**324**	**191**	147	116	93	77	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

65	76	76	92	111	111	111	92	76	76	65
73	88	110	121	121	136	121	121	110	88	73
82	101	130	140	140	**160**	140	140	130	101	82
88	110	145	**200**	**235**	**293**	**235**	**200**	145	110	88
90	112	149	**205**	**297**	**506**	**297**	**205**	149	112	90
85	104	135	**179**	**246**	**443**	**246**	**179**	135	104	85
77	93	116	147	**191**	**324**	**191**	147	116	93	77

● F max. = 718 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-70°

66	77	91	109	129	151	129	109	91	77	66	18
75	88	108	134	145	162	145	134	108	88	75	6x17
85	103	131	162	162	**184**	162	162	131	103	85	120
92	114	150	**202**	**222**	**263**	**222**	**202**	150	114	92	
96	120	158	**216**	**304**	**651**	**304**	**216**	158	120	96	
91	111	143	**188**	**251**	**462**	**251**	**188**	143	111	91	
82	99	123	154	**194**	**336**	**194**	154	123	99	82	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

66	77	77	91	109	129	109	91	77	77	66
75	88	108	134	145	162	145	134	108	88	75
85	103	131	162	162	184	162	162	131	103	85
92	114	150	**202**	**222**	**263**	**222**	**202**	150	114	92
96	120	158	**216**	**304**	**634**	**304**	**216**	158	120	96
91	111	143	188	**251**	**462**	**251**	188	143	111	91
82	99	123	154	**194**	**336**	**194**	154	123	99	82

● F max. = 722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-75°

70	80	93	109	125	180	125	109	93	80	70	18
80	93	112	134	160	**188**	160	134	112	93	80	6x17
92	110	137	**173**	**184**	**203**	**184**	**173**	137	110	92	120
102	125	160	**211**	**221**	**247**	**221**	**211**	160	125	102	
107	131	**171**	**228**	**310**	**654**	**310**	**228**	**171**	131	107	
99	120	151	**194**	**249**	**449**	**249**	**194**	151	120	99	
88	104	127	155	**188**	**323**	**188**	155	127	104	88	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

70	80	80	93	109	125	109	93	80	80	70
80	93	112	134	160	188	160	134	112	93	80
92	110	137	173	184	**203**	184	173	137	110	92
102	125	160	**211**	**221**	**247**	**221**	**211**	160	125	102
107	131	171	**228**	**310**	**654**	**310**	**228**	171	131	107
99	120	151	194	**249**	**449**	**249**	194	151	120	99
88	104	127	155	188	**323**	188	155	127	104	88

● F max. = 727 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0260-

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Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-0°

40	53	77	104	131	250	131	104	77	53	40	18
41	56	82	112	151	287	151	112	82	56	41	6x17
42	57	86	119	172	336	172	119	86	57	42	120
43	59	89	125	188	382	188	125	89	59	43	
42	57	85	117	167	320	167	117	85	57	42	
41	55	81	110	146	275	146	110	81	55	41	
40	53	77	101	127	241	127	101	77	53	40	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

40	53	53	67	76	86	76	67	53	53	40
41	53	67	76	86	98	86	76	67	53	41
42	53	67	76	86	98	86	76	67	53	42
43	53	67	76	86	98	86	76	67	53	43
42	53	67	76	86	98	86	76	67	53	42
41	53	67	76	86	98	86	76	67	53	41
40	53	67	76	86	98	86	76	67	53	40

● F max. = 393 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-5°

41	53	79	107	135	257	135	107	79	53	41	18
41	56	83	115	159	299	159	115	83	56	41	6x17
43	57	87	122	183	352	183	122	87	57	43	120
44	59	91	128	195	398	195	128	91	59	44	
43	57	86	120	176	332	176	120	86	57	43	
41	56	83	113	152	284	152	113	83	56	41	
41	53	78	104	131	245	131	104	78	53	41	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

41	53	53	71	81	92	81	71	53	53	41
41	55	71	81	92	106	92	81	71	55	41
43	55	71	81	92	106	92	81	71	55	43
44	55	71	81	92	106	92	81	71	55	44
43	55	71	81	92	106	92	81	71	55	43
41	55	71	81	92	106	92	81	71	55	41
41	53	71	81	92	106	92	81	71	53	41

● F max. = 413 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-10°

38	49	69	91	113	206	113	91	69	49	38	18
39	52	75	103	131	247	131	103	75	52	39	6x17
41	54	80	113	154	288	154	113	80	54	41	120
41	56	83	120	179	339	179	120	83	56	41	
43	57	88	128	197	412	197	128	88	57	43	
42	56	84	121	180	341	180	121	84	56	42	
41	54	80	113	157	290	157	113	80	54	41	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

38	49	49	69	88	100	88	69	49	49	38
39	52	74	87	100	115	100	87	74	52	39
41	54	74	87	100	115	100	87	74	54	41
41	56	74	87	100	115	100	87	74	56	41
43	57	74	87	100	115	100	87	74	57	43
42	56	74	87	100	115	100	87	74	56	42
41	54	74	87	100	115	100	87	74	54	41

● F max. = 413 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-15°

34	44	61	83	104	186	104	83	61	44	34	18
36	47	67	95	122	226	122	95	67	47	36	6x17
37	49	71	104	144	267	144	104	71	49	37	120
38	50	74	111	166	317	166	111	74	50	38	
39	52	78	119	182	377	182	119	78	52	39	
38	50	75	110	164	309	164	110	75	50	38	
38	49	71	104	143	263	143	104	71	49	38	

3x28 | 19 | 3x18 | 19 | 3x28 = 260

34	44	44	61	83	104	83	61	44	44	34
36	47	67	93	107	125	107	93	67	47	36
37	49	71	93	107	125	107	93	71	49	37
38	50	74	93	107	125	107	93	74	50	38
39	52	76	93	107	125	107	93	76	52	39
38	50	75	93	107	125	107	93	75	50	38
38	49	71	93	107	125	107	93	71	49	38

● F max. = 383 kN
(1.000.000 Hub/Stroke/Course)

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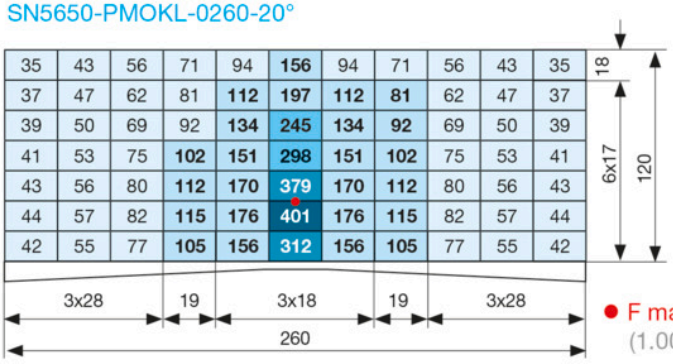
SN5650-PMOKL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-20°

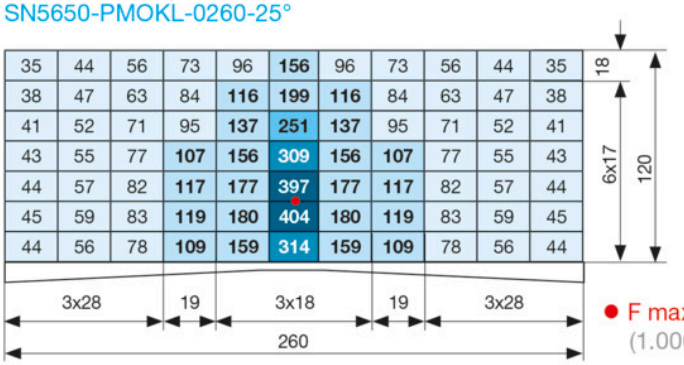


35	43	56	71	94	**156**	94	71	56	43	35
37	47	62	81	**112**	**197**	**112**	**81**	62	47	37
39	50	69	92	**134**	**245**	**134**	**92**	69	50	39
41	53	75	**102**	**151**	**298**	**151**	**102**	75	53	41
43	56	80	**112**	**170**	**379**	**170**	**112**	80	56	43
44	57	82	**115**	**176**	**401**	**176**	**115**	82	57	44
42	55	77	**105**	**156**	**312**	**156**	**105**	77	55	42

35	**43**	**43**	**56**	**71**	**94**	**71**	**56**	**43**	**43**	35
37	**47**	**62**	**81**	**112**	**137**	**112**	**81**	**62**	**47**	37
39	**50**	**69**	**92**	**111**	**137**	**111**	**92**	**69**	**50**	39
41	**53**	**75**	**93**	**111**	**137**	**111**	**93**	**75**	**53**	**41**
43	**56**	**76**	**93**	**111**	**137**	**111**	**93**	**76**	**56**	**43**
44	**57**	**76**	**93**	**111**	**137**	**111**	**93**	**76**	**57**	**44**
42	**55**	**76**	**93**	**111**	**137**	**111**	**93**	**76**	**55**	**42**

● F max. = 452 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-25°

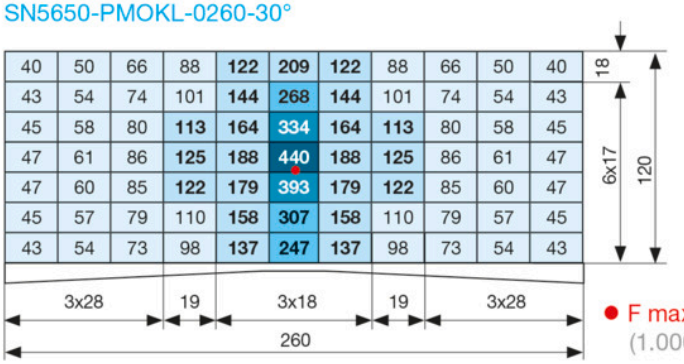


35	44	56	73	96	**156**	96	73	56	44	35
38	47	63	84	**116**	**199**	**116**	84	63	47	38
41	52	71	95	**137**	**251**	**137**	95	71	52	41
43	55	77	**107**	**156**	**309**	**156**	**107**	77	55	43
44	57	82	**117**	**177**	**397**	**177**	**117**	82	57	44
45	59	83	**119**	**180**	**404**	**180**	**119**	83	59	45
44	56	78	**109**	**159**	**314**	**159**	**109**	78	56	44

35	44	44	**56**	**73**	**97**	**73**	**56**	44	44	35
38	**47**	**63**	**84**	**116**	**149**	**116**	**84**	**63**	**47**	38
41	**52**	**71**	**95**	**119**	**149**	**119**	**95**	**71**	**52**	41
43	**55**	**77**	**100**	**119**	**149**	**119**	**100**	**77**	**55**	43
44	**57**	**80**	**100**	**119**	**149**	**119**	**100**	**80**	**57**	44
45	**59**	**80**	**100**	**119**	**149**	**119**	**100**	**80**	**59**	**45**
44	**56**	**78**	**100**	**119**	**149**	**119**	**100**	**78**	**56**	44

● F max. = 467 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-30°

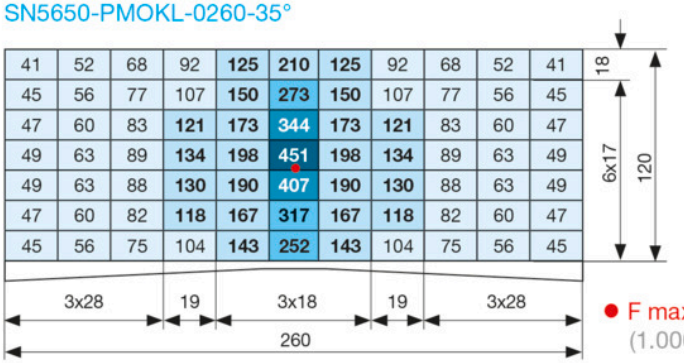


40	50	66	88	**122**	**209**	**122**	88	66	50	40
43	54	74	101	**144**	**268**	**144**	101	74	54	43
45	58	80	**113**	**164**	**334**	**164**	**113**	80	58	45
47	61	86	**125**	**188**	**440**	**188**	**125**	86	61	47
47	60	85	**122**	**179**	**393**	**179**	**122**	85	60	47
45	57	79	110	**158**	**307**	**158**	110	79	57	45
43	54	73	98	**137**	**247**	**137**	98	73	54	43

40	**50**	**50**	**66**	**88**	**122**	**88**	**66**	**50**	**50**	40
43	**54**	**74**	**101**	**130**	**164**	**130**	**101**	**74**	**54**	43
45	**58**	**80**	**107**	**130**	**164**	**130**	**107**	**80**	**58**	45
47	**61**	**84**	**107**	**130**	**164**	**130**	**107**	**84**	**61**	47
47	**60**	**84**	**107**	**130**	**164**	**130**	**107**	**84**	**60**	47
45	**57**	**79**	**107**	**130**	**164**	**130**	**107**	**79**	**57**	45
43	**54**	**73**	**98**	**131**	**164**	**131**	**98**	**73**	**54**	43

● F max. = 488 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-35°



41	52	68	92	**125**	**210**	**125**	92	68	52	41
45	56	77	107	**150**	**273**	**150**	107	77	56	45
47	60	83	**121**	**173**	**344**	**173**	**121**	83	60	47
49	63	89	**134**	**198**	**451**	**198**	**134**	89	63	49
49	63	88	**130**	**190**	**407**	**190**	**130**	88	63	49
47	60	82	**118**	**167**	**317**	**167**	**118**	82	60	47
45	56	75	104	**143**	**252**	**143**	104	75	56	45

41	52	52	**68**	**92**	**125**	**92**	**68**	52	52	41
45	**56**	**77**	**107**	**142**	**179**	**142**	**107**	**77**	**56**	45
47	**60**	**83**	**117**	**142**	**179**	**142**	**117**	**83**	**60**	47
49	**63**	**89**	**117**	**142**	**179**	**142**	**117**	**89**	**63**	49
49	**63**	**88**	**117**	**142**	**179**	**142**	**117**	**88**	**63**	49
47	**60**	**82**	**117**	**142**	**179**	**142**	**117**	**82**	**60**	47
45	**56**	**75**	**104**	**143**	**179**	**143**	**104**	**75**	**56**	45

● F max. = 502 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

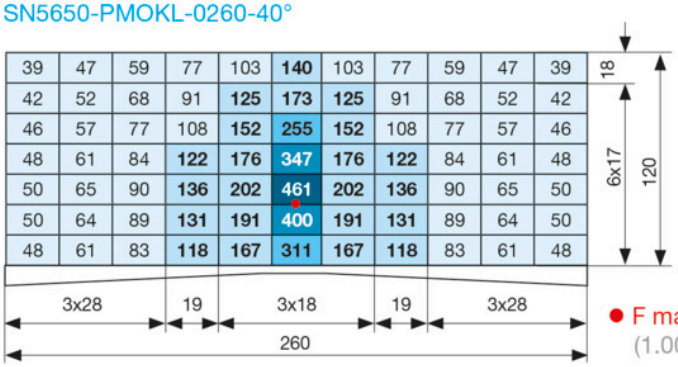
SN5650-PMOKL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-40°

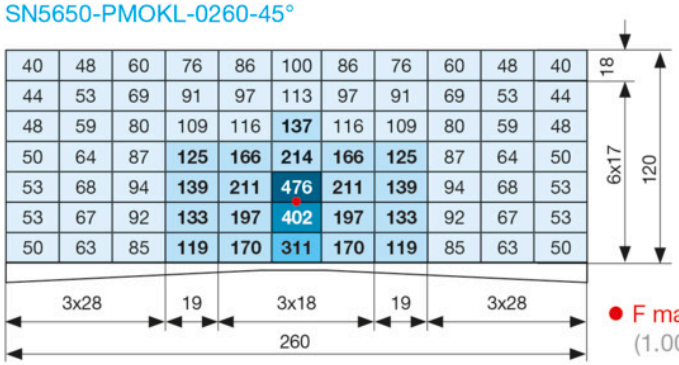


39	47	59	77	103	**140**	103	77	59	47	39
42	52	68	91	**125**	**173**	**125**	91	68	52	42
46	57	77	108	**152**	**255**	**152**	108	77	57	46
48	61	84	**122**	**176**	**347**	**176**	**122**	84	61	48
50	65	90	**136**	**202**	**461**	**202**	**136**	90	65	50
50	64	89	**131**	**191**	**400**	**191**	**131**	89	64	50
48	61	83	**118**	**167**	**311**	**167**	**118**	83	61	48

39	47	47	59	**77**	**103**	**77**	59	47	47	39
42	52	**68**	**91**	**125**	**173**	**125**	**91**	**68**	52	42
46	57	**77**	**108**	**152**	**201**	**152**	**108**	**77**	57	46
48	**61**	**84**	**122**	**158**	**201**	**158**	**122**	**84**	**61**	48
50	**65**	**90**	**128**	**158**	**201**	**158**	**128**	**90**	**65**	50
50	**64**	**89**	**128**	**158**	**201**	**158**	**128**	**89**	**64**	50
48	**61**	**83**	**118**	**158**	**201**	**158**	**118**	**83**	**61**	48

● F max. = 503 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-45°

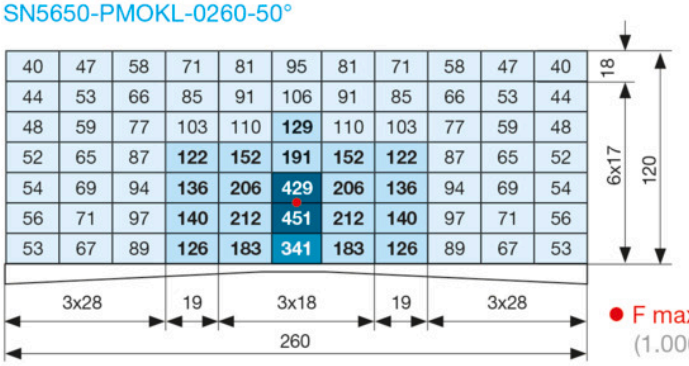


40	48	60	76	86	100	86	76	60	48	40
44	53	69	91	97	113	97	91	69	53	44
48	59	80	109	116	**137**	116	109	80	59	48
50	64	87	**125**	**166**	**214**	**166**	**125**	87	64	50
53	68	94	**139**	**211**	**476**	**211**	**139**	94	68	53
53	67	92	**133**	**197**	**402**	**197**	**133**	92	67	53
50	63	85	**119**	**170**	**311**	**170**	**119**	85	63	50

40	48	48	60	**76**	**86**	**76**	60	48	48	40
44	53	**69**	**91**	**97**	**113**	**97**	**91**	**69**	53	44
48	59	**80**	**109**	**116**	**137**	**116**	**109**	**80**	59	48
50	64	**87**	**125**	**166**	**214**	**166**	**125**	**87**	64	50
53	**68**	**94**	**137**	**173**	**221**	**173**	**137**	**94**	**68**	53
53	**67**	**92**	**133**	**173**	**221**	**173**	**133**	**92**	**67**	53
50	63	**85**	**119**	**170**	**221**	**170**	**119**	**85**	63	50

● F max. = 514 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-50°

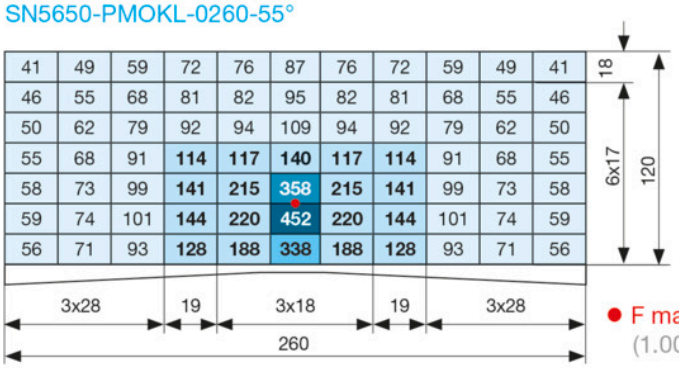


40	47	58	71	81	95	81	71	58	47	40
44	53	66	85	91	106	91	85	66	53	44
48	59	77	103	110	**129**	110	103	77	59	48
52	65	87	**122**	**152**	**191**	**152**	**122**	87	65	52
54	69	94	**136**	**206**	**429**	**206**	**136**	94	69	54
56	71	97	**140**	**212**	**451**	**212**	**140**	97	71	56
53	67	89	**126**	**183**	**341**	**183**	**126**	89	67	53

40	47	47	58	71	**81**	71	58	47	47	40
44	53	66	**85**	**91**	**106**	**91**	**85**	66	53	44
48	59	**77**	**103**	**110**	**129**	**110**	**103**	**77**	59	48
52	65	**87**	**122**	**152**	**191**	**152**	**122**	**87**	65	52
54	69	**94**	**136**	**197**	**252**	**197**	**136**	**94**	69	54
56	71	**97**	**140**	**197**	**252**	**197**	**140**	**97**	71	56
53	67	**89**	**126**	**183**	**252**	**183**	**126**	**89**	67	53

● F max. = 520 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-55°



41	49	59	72	76	87	76	72	59	49	41
46	55	68	81	82	95	82	81	68	55	46
50	62	79	92	94	109	94	92	79	62	50
55	68	91	**114**	**117**	**140**	**117**	**114**	91	68	55
58	73	99	**141**	**215**	**358**	**215**	**141**	99	73	58
59	74	101	**144**	**220**	**452**	**220**	**144**	101	74	59
56	71	93	**128**	**188**	**338**	**188**	**128**	93	71	56

41	49	49	59	71	76	71	59	49	49	41
46	55	68	81	82	**95**	82	81	68	55	46
50	62	79	**92**	**94**	**109**	**94**	**92**	79	62	50
55	68	**91**	**114**	**117**	**140**	**117**	**114**	**91**	68	55
58	73	**99**	**141**	**215**	**281**	**215**	**141**	**99**	73	58
59	74	**101**	**144**	**220**	**281**	**220**	**144**	**101**	74	59
56	71	**93**	**128**	**188**	**281**	**188**	**128**	**93**	71	56

● F max. = 528 kN
(1.000.000 Hub/Stroke/Course)

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SN5650-PMOKL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0260-60°

47	56	68	84	89	103	89	84	68	56	47	18
52	63	80	102	102	**120**	102	102	80	63	52	6x17
57	71	93	**126**	**129**	**157**	**129**	**126**	93	71	57	120
61	77	103	**144**	**221**	**443**	**221**	**144**	103	77	61	
62	78	105	**147**	**226**	**455**	**226**	**147**	105	78	62	
59	74	96	**131**	**191**	**317**	**191**	**131**	96	74	59	
55	67	85	110	**152**	**251**	**152**	110	85	67	55	

3x28 | 19 | 3x18 | 19 | 3x28 — 260

47	56	56	68	84	89	84	68	56	56	47
52	63	80	**102**	**102**	**120**	**102**	**102**	80	63	52
57	71	93	**126**	**129**	**157**	**129**	**126**	93	71	57
61	77	**103**	**144**	**221**	**332**	**221**	**144**	**103**	77	61
62	78	**105**	**147**	**226**	**332**	**226**	**147**	**105**	78	62
59	74	96	**131**	**191**	**317**	**191**	**131**	96	74	59
55	67	85	**110**	**152**	**251**	**152**	**110**	85	67	55

● F max. = 533 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-65°

49	57	69	83	83	93	83	83	69	57	49	18
55	66	83	91	91	102	91	91	83	66	55	6x17
62	76	98	105	105	**120**	105	105	98	76	62	120
66	83	109	**150**	**176**	**220**	**176**	**150**	109	83	66	
68	84	112	**154**	**223**	**459**	**223**	**154**	112	84	68	
64	78	101	**134**	**185**	**332**	**185**	**134**	101	78	64	
58	70	87	110	**143**	**243**	**143**	110	87	70	58	

3x28 | 19 | 3x18 | 19 | 3x28 — 260

49	57	57	69	83	83	83	69	57	57	49
55	66	83	91	91	102	91	91	83	66	55
62	76	98	105	105	**120**	105	105	98	76	62
66	83	109	**150**	**176**	**220**	**176**	**150**	109	83	66
68	84	112	**154**	**223**	**380**	**223**	**154**	112	84	68
64	78	101	**134**	**185**	**332**	**185**	**134**	101	78	64
58	70	87	110	**143**	**243**	**143**	110	87	70	58

● F max. = 539 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-70°

50	58	68	82	97	113	97	82	68	58	50	18
56	66	81	101	109	122	109	101	81	66	56	6x17
64	77	98	122	122	**138**	122	122	98	77	64	120
69	86	113	**152**	**167**	**197**	**167**	**152**	113	86	69	
72	90	119	**162**	**228**	**488**	**228**	**162**	119	90	72	
68	83	107	**141**	**188**	**347**	**188**	**141**	107	83	68	
62	74	92	116	**146**	**252**	**146**	116	92	74	62	

3x28 | 19 | 3x18 | 19 | 3x28 — 260

50	58	58	68	82	97	82	68	58	58	50
56	66	81	101	109	122	109	101	81	66	56
64	77	98	122	122	138	122	122	98	77	64
69	86	113	**152**	**167**	**197**	**167**	**152**	113	86	69
72	90	119	**162**	**228**	**476**	**228**	**162**	119	90	72
68	83	107	141	**188**	**347**	**188**	141	107	83	68
62	74	92	116	**146**	**252**	**146**	116	92	74	62

● F max. = 542 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0260-75°

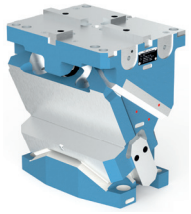
53	60	70	82	94	135	94	82	70	60	53	18
60	70	84	101	120	**141**	120	101	84	70	60	6x17
69	83	103	**130**	**138**	**152**	**138**	**130**	103	83	69	120
77	94	120	**158**	**166**	**185**	**166**	**158**	120	94	77	
80	98	**128**	**171**	**233**	**491**	**233**	**171**	**128**	98	80	
74	90	113	**146**	**187**	**337**	**187**	**146**	113	90	74	
66	78	95	116	**141**	**242**	**141**	116	95	78	66	

3x28 | 19 | 3x18 | 19 | 3x28 — 260

53	60	60	70	82	94	82	70	60	60	53
60	70	84	101	120	141	120	101	84	70	60
69	83	103	130	138	**152**	138	130	103	83	69
77	94	120	**158**	**166**	**185**	**166**	**158**	120	94	77
80	98	128	**171**	**233**	**491**	**233**	**171**	128	98	80
74	90	113	146	**187**	**337**	**187**	146	113	90	74
66	78	95	116	141	**242**	141	116	95	78	66

● F max. = 545 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

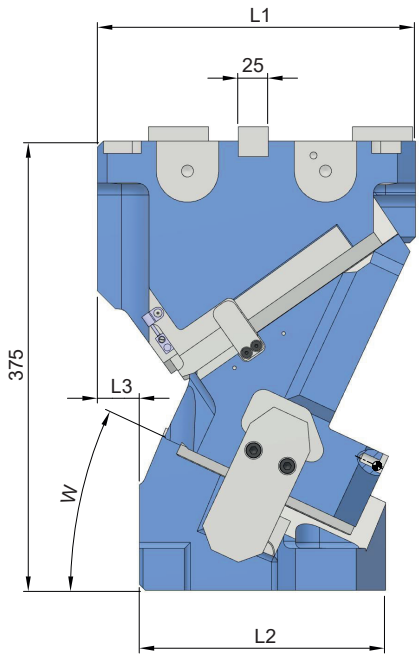


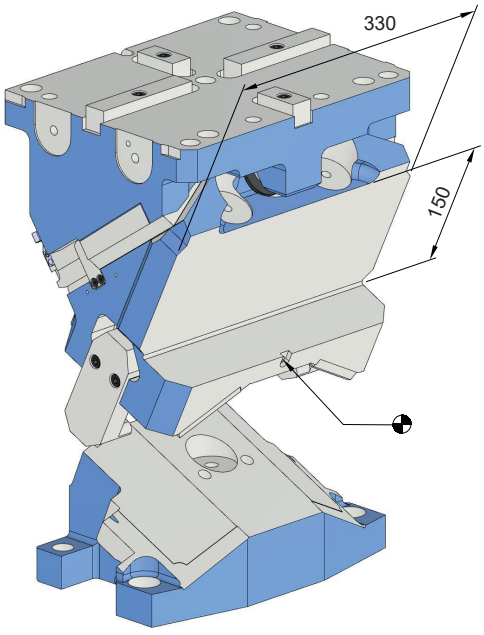
SN5650-PMOKL-0330-

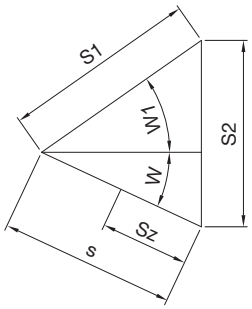
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	330 x 150 mm
Schieberbreite max.	*Cam unit width max.*	330 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 812 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

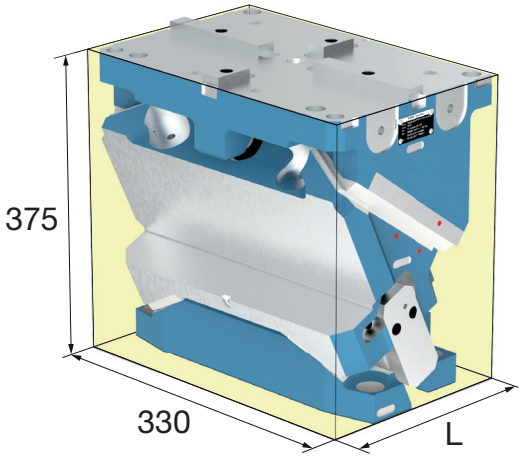
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0330-

Oben hängender Kompakt-L-Schieber



E0



E1



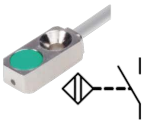
G0



S0



S1

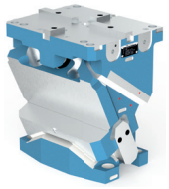


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

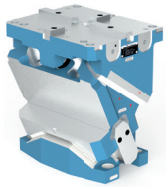
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E0-G0-S0-V04
0°	E0	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E0-G0-S1-V04
0°	E0	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E0-G1-S0-V04
0°	E0	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E0-G1-S1-V04
0°	E1	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E1-G0-S0-V04
0°	E1	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E1-G0-S1-V04
0°	E1	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E1-G1-S0-V04
0°	E1	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0330-00-E1-G1-S1-V04
5°	E0	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E0-G0-S0-V04
5°	E0	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E0-G0-S1-V04
5°	E0	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E0-G1-S0-V04
5°	E0	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E0-G1-S1-V04
5°	E1	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E1-G0-S0-V04
5°	E1	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E1-G0-S1-V04
5°	E1	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E1-G1-S0-V04
5°	E1	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0330-05-E1-G1-S1-V04
10°	E0	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E0-G0-S0-V04
10°	E0	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E0-G0-S1-V04
10°	E0	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E0-G1-S0-V04
10°	E0	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E0-G1-S1-V04
10°	E1	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E1-G0-S0-V04
10°	E1	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E1-G0-S1-V04
10°	E1	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E1-G1-S0-V04
10°	E1	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0330-10-E1-G1-S1-V04
15°	E0	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E0-G0-S0-V04
15°	E0	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E0-G0-S1-V04
15°	E0	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E0-G1-S0-V04
15°	E0	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E0-G1-S1-V04
15°	E1	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E1-G0-S0-V04
15°	E1	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E1-G0-S1-V04
15°	E1	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E1-G1-S0-V04
15°	E1	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0330-15-E1-G1-S1-V04
20°	E0	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E0-G0-S0-V04
20°	E0	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E0-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E0-G1-S0-V04
20°	E0	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E0-G1-S1-V04
20°	E1	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E1-G0-S0-V04
20°	E1	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E1-G0-S1-V04
20°	E1	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E1-G1-S0-V04
20°	E1	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0330-20-E1-G1-S1-V04
25°	E0	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E0-G0-S0-V04
25°	E0	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E0-G0-S1-V04
25°	E0	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E0-G1-S0-V04
25°	E0	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E0-G1-S1-V04
25°	E1	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E1-G0-S0-V04
25°	E1	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E1-G0-S1-V04
25°	E1	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E1-G1-S0-V04
25°	E1	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0330-25-E1-G1-S1-V04
30°	E0	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E0-G0-S0-V04
30°	E0	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E0-G0-S1-V04
30°	E0	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E0-G1-S0-V04
30°	E0	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E0-G1-S1-V04
30°	E1	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E1-G0-S0-V04
30°	E1	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E1-G0-S1-V04
30°	E1	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E1-G1-S0-V04
30°	E1	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0330-30-E1-G1-S1-V04
35°	E0	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E0-G0-S0-V04
35°	E0	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E0-G0-S1-V04
35°	E0	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E0-G1-S0-V04
35°	E0	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E0-G1-S1-V04
35°	E1	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E1-G0-S0-V04
35°	E1	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E1-G0-S1-V04
35°	E1	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E1-G1-S0-V04
35°	E1	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0330-35-E1-G1-S1-V04
40°	E0	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E0-G0-S0-V04
40°	E0	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E0-G0-S1-V04
40°	E0	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E0-G1-S0-V04
40°	E0	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E0-G1-S1-V04
40°	E1	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E1-G0-S0-V04
40°	E1	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E1-G0-S1-V04
40°	E1	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E1-G1-S0-V04
40°	E1	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0330-40-E1-G1-S1-V04
45°	E0	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E0-G0-S0-V04
45°	E0	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E0-G0-S1-V04
45°	E0	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E0-G1-S0-V04
45°	E0	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E0-G1-S1-V04
45°	E1	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E1-G0-S0-V04
45°	E1	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E1-G0-S1-V04
45°	E1	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E1-G1-S0-V04
45°	E1	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0330-45-E1-G1-S1-V04
50°	E0	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E0-G0-S0-V04
50°	E0	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E0-G0-S1-V04
50°	E0	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E0-G1-S0-V04
50°	E0	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E0-G1-S1-V04
50°	E1	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E1-G0-S0-V04
50°	E1	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E1-G0-S1-V04
50°	E1	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E1-G1-S0-V04
50°	E1	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0330-50-E1-G1-S1-V04
55°	E0	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E0-G0-S0-V04

D 1801D 06.2022

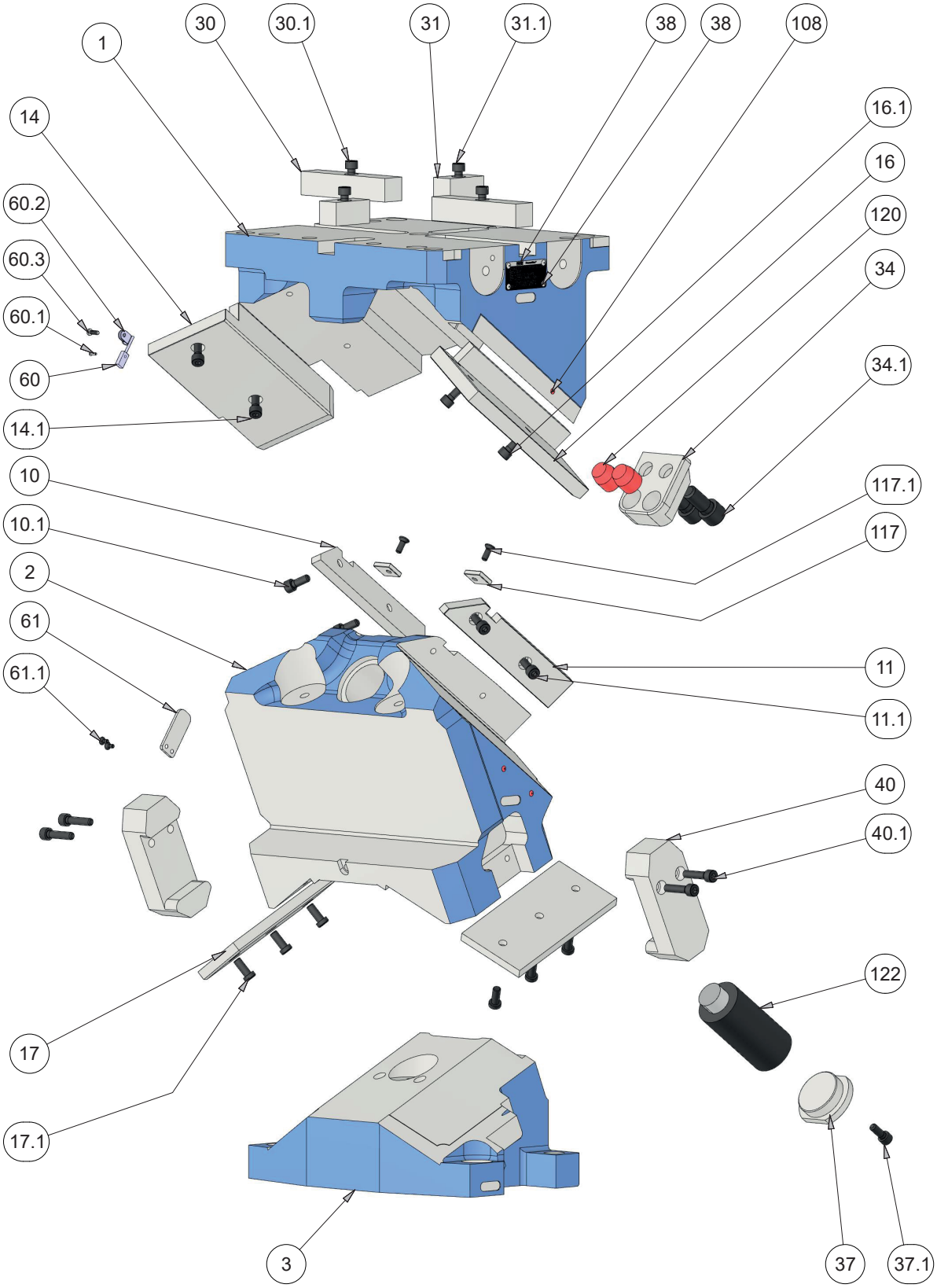


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E0-G0-S1-V04
55°	E0	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E0-G1-S0-V04
55°	E0	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E0-G1-S1-V04
55°	E1	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E1-G0-S0-V04
55°	E1	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E1-G0-S1-V04
55°	E1	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E1-G1-S0-V04
55°	E1	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0330-55-E1-G1-S1-V04
60°	E0	G0	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E0-G0-S0-V04
60°	E0	G0	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E0-G0-S1-V04
60°	E0	G1	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E0-G1-S0-V04
60°	E0	G1	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E0-G1-S1-V04
60°	E1	G0	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E1-G0-S0-V04
60°	E1	G0	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E1-G0-S1-V04
60°	E1	G1	S0	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E1-G1-S0-V04
60°	E1	G1	S1	315	15	73.1	32	74.6	36.4	290	145	25	SN5650-PMOKL-0330-60-E1-G1-S1-V04
65°	E0	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E0-G0-S0-V04
65°	E0	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E0-G0-S1-V04
65°	E0	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E0-G1-S0-V04
65°	E0	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E0-G1-S1-V04
65°	E1	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E1-G0-S0-V04
65°	E1	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E1-G0-S1-V04
65°	E1	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E1-G1-S0-V04
65°	E1	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0330-65-E1-G1-S1-V04

SN5650-PMOKL-0330-

Bauteile

Components



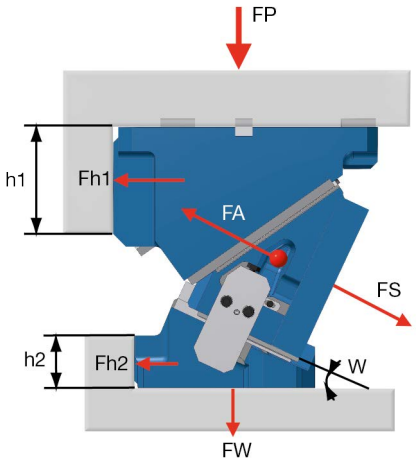
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0330-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	812	770	812	770	0	150	50	55
05°	850	797	784	722	63	145	65	61
10°	924	883	783	722	127	140	80	60
15°	961	910	751	661	177	133	80	67
20°	984	947	702	611	222	125	80	70
25°	1017	972	669	542	253	118	90	71
30°	1037	1005	617	487	281	110	100	74
35°	1065	1026	582	415	291	118	110	73
40°	1139	1110	555	378	317	125	120	66
45°	1163	1129	516	306	306	133	130	66
50°	1119	1097	433	240	286	140	140	56
55°	1137	1112	395	180	257	145	153	55
60°	1147	1130	336	137	238	150	165	48
65°	1129	1111	288	88	189	150	167	46



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	609	580	609	580	0	150	50	55
05°	638	600	587	545	48	145	65	61
10°	693	665	586	545	96	140	80	60
15°	721	685	563	498	134	133	80	67
20°	738	713	526	461	168	125	80	70
25°	763	731	501	409	191	118	90	71
30°	778	756	462	367	212	110	100	74
35°	799	772	435	313	219	118	110	73
40°	854	835	415	285	240	125	120	66
45°	872	848	385	231	231	133	130	66
50°	839	824	323	181	216	140	140	56
55°	853	835	294	137	195	145	153	55
60°	860	849	250	104	180	150	165	48
65°	847	834	214	67	144	150	167	46

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-0°

77	93	112	142	188	**421**	188	142	112	93	77	14
80	96	117	150	**204**	**472**	**204**	150	117	96	80	
82	100	123	160	**221**	**541**	**221**	160	123	100	82	
85	103	128	169	**238**	**634**	**238**	169	128	103	85	
87	107	134	178	**256**	**765**	**256**	178	134	107	87	8x17
87	107	133	177	**251**	**702**	**251**	177	133	107	87	150
85	104	128	168	**234**	**591**	**234**	168	128	104	85	
83	100	123	159	**217**	**511**	**217**	159	123	100	83	
80	96	117	149	**201**	**450**	**201**	149	117	96	80	

11x30
330

68	76	84	96	110	130	110	96	84	76	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68
68	75	84	95	110	130	110	95	84	75	68

● F max. = 812 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-5°

74	91	110	139	185	**415**	185	139	110	91	74	14
77	94	115	147	**203**	**471**	**203**	147	115	94	77	
79	98	121	157	**222**	**546**	**222**	157	121	98	79	
82	102	127	167	**241**	**651**	**241**	167	127	102	82	
84	105	132	176	**261**	**805**	**261**	176	132	105	84	8x17
84	105	131	174	**253**	**714**	**253**	174	131	105	84	150
82	102	126	164	**234**	**592**	**234**	164	126	102	82	
80	98	120	155	**216**	**505**	**216**	155	120	98	80	
77	94	115	145	198	**440**	198	145	115	94	77	

11x30
330

70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70
70	80	90	102	119	141	119	102	90	80	70

● F max. = 850 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-10°

77	94	115	144	187	**411**	187	144	115	94	77	14
80	98	121	154	210	**471**	210	154	121	98	80	
83	103	128	165	**232**	**544**	**232**	165	128	103	83	
86	107	134	176	**254**	**642**	**254**	176	134	107	86	
88	110	140	186	**276**	**781**	**276**	186	140	110	88	8x17
91	114	146	194	**290**	**860**	**290**	194	146	114	91	150
89	111	140	184	**267**	**697**	**267**	184	140	111	89	
86	107	134	173	**246**	**585**	**246**	173	134	107	86	
84	103	127	162	**225**	**505**	**225**	162	127	103	84	

11x30
330

74	84	96	110	129	155	129	110	96	84	74
74	84	96	110	129	155	129	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74
74	84	96	110	128	155	128	110	96	84	74

● F max. = 924 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-15°

79	95	119	148	193	**416**	193	148	119	95	79	14
82	100	126	159	217	**481**	217	159	126	100	82	
85	105	133	171	**244**	**560**	**244**	171	133	105	85	
88	109	140	183	**269**	**663**	**269**	183	140	109	88	
91	113	147	195	**294**	**813**	**294**	195	147	113	91	8x17
93	117	152	202	**309**	**886**	**309**	202	152	117	93	150
91	113	146	191	**283**	**714**	**283**	191	146	113	91	
89	109	139	180	**259**	**597**	**259**	180	139	109	89	
86	105	132	168	**234**	**514**	**234**	168	132	105	86	

11x30
330

77	88	103	118	139	169	139	118	103	88	77
77	88	102	118	139	169	139	118	102	88	77
77	88	102	117	139	169	139	117	102	88	77
77	88	102	117	139	169	139	117	102	88	77
77	88	102	117	139	169	139	117	102	88	77
77	88	102	117	139	169	139	117	102	88	77
77	88	102	117	139	169	139	117	102	88	77
77	88	102	117	139	169	139	117	102	88	77
77	88	102	117	139	169	139	117	102	88	77

● F max. = 961 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-20°

76	91	112	137	174	**355**	174	137	112	91	76
80	96	120	151	196	**417**	196	151	120	96	80
84	102	129	164	**225**	**494**	**225**	164	129	102	84
87	107	137	177	**254**	**577**	**254**	177	137	107	87
90	111	145	190	**282**	**687**	**282**	190	145	111	90
93	115	152	202	**308**	**850**	**308**	202	152	115	93
95	118	156	208	**317**	**883**	**317**	208	156	118	95
93	114	149	195	**290**	**712**	**290**	195	149	114	93
90	110	142	183	**264**	**596**	**264**	183	142	110	90

14 · 8x17 · 150

11x30
330

76	91	110	129	152	**186**	152	129	110	91	76
80	93	110	128	152	**186**	152	128	110	93	80
81	93	110	127	151	**186**	151	127	110	93	81
81	93	109	127	151	**186**	151	127	109	93	81
81	93	109	127	151	**186**	151	127	109	93	81
81	93	109	127	151	**186**	151	127	109	93	81
81	93	109	127	151	**186**	151	127	109	93	81
81	93	109	127	151	**186**	151	127	109	93	81
81	93	109	127	151	**186**	151	127	109	93	81

● F max. = 984 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-25°

78	92	113	139	178	**354**	178	139	113	92	78
82	98	122	155	202	**420**	202	155	122	98	82
86	104	132	171	**234**	**504**	**234**	171	132	104	86
90	110	141	185	**264**	**593**	**264**	185	141	110	90
93	115	149	199	**291**	**711**	**291**	199	149	115	93
96	119	156	212	**320**	**886**	**320**	212	156	119	96
98	122	159	217	**326**	**898**	**326**	217	159	122	98
96	117	152	204	**298**	**721**	**298**	204	152	117	96
93	113	145	190	**271**	**603**	**271**	190	145	113	93

14 · 8x17 · 150

11x30
330

78	92	113	139	165	**203**	165	139	113	92	78
82	98	116	138	164	**203**	164	138	116	98	82
85	98	116	137	163	**203**	163	137	116	98	85
85	98	116	136	163	**203**	163	136	116	98	85
85	98	116	136	163	**203**	163	136	116	98	85
85	98	116	136	163	**203**	163	136	116	98	85
85	98	116	136	163	**203**	163	136	116	98	85
85	98	116	136	163	**203**	163	136	116	98	85
85	98	116	136	163	**203**	163	136	116	98	85

● F max. = 1017 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-30°

79	94	115	141	182	**358**	182	141	115	94	79
84	100	124	158	208	**427**	208	158	124	100	84
88	107	134	176	**242**	**517**	**242**	176	134	107	88
92	112	144	192	**271**	**613**	**271**	192	144	112	92
96	118	152	206	**300**	**739**	**300**	206	152	118	96
99	122	159	221	**331**	**931**	**331**	221	159	122	99
101	124	162	223	**330**	**885**	**330**	223	162	124	101
98	120	154	209	**301**	**714**	**301**	209	154	120	98
95	115	147	194	**272**	**598**	**272**	194	147	115	95

14 · 8x17 · 150

11x30
330

79	94	115	141	181	**225**	181	141	115	94	79
84	100	124	151	181	**225**	181	151	124	100	84
88	105	124	150	180	**225**	180	150	124	105	88
91	105	124	149	179	**225**	179	149	124	105	91
91	105	124	149	179	**225**	179	149	124	105	91
91	105	124	149	179	**225**	179	149	124	105	91
91	105	124	149	179	**225**	179	149	124	105	91
91	105	124	149	179	**225**	179	149	124	105	91
91	105	124	149	179	**225**	179	149	124	105	91

● F max. = 1037 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-35°

81	95	115	145	183	**347**	183	145	115	95	81
86	102	125	161	210	**417**	210	161	125	102	86
91	109	136	181	**243**	**512**	**243**	181	136	109	91
96	116	147	199	**275**	**616**	**275**	199	147	116	96
100	122	156	216	**307**	**744**	**307**	216	156	122	100
103	127	164	232	**341**	**939**	**341**	232	164	127	103
105	129	167	**236**	**344**	**920**	**344**	**236**	167	129	105
102	125	159	220	**311**	**736**	**311**	220	159	125	102
99	120	151	204	**280**	**613**	**280**	204	151	120	99

14 · 8x17 · 150

11x30
330

81	95	115	145	183	**246**	183	145	115	95	81
86	102	125	161	197	**246**	197	161	125	102	86
91	109	132	162	196	**246**	196	162	132	109	91
96	112	132	161	195	**246**	195	161	132	112	96
96	112	132	161	195	**246**	195	161	132	112	96
96	112	132	161	195	**246**	195	161	132	112	96
96	112	132	161	195	**246**	195	161	132	112	96
96	112	132	161	195	**246**	195	161	132	112	96
96	112	132	161	195	**246**	195	161	132	112	96

● F max. = 1065 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-40°

90	106	128	163	210	**399**	210	163	128	106	90
96	114	140	181	241	**484**	241	181	140	114	96
102	122	153	204	277	**596**	277	204	153	122	102
106	129	164	223	**315**	**717**	**315**	223	164	129	106
110	135	173	241	**351**	**885**	**351**	241	173	135	110
114	140	182	259	**390**	**1124**	**390**	259	182	140	114
113	137	176	244	**353**	**871**	**353**	244	176	137	113
109	132	167	227	**318**	**711**	**318**	227	167	132	109
105	126	157	209	**283**	**594**	**283**	209	157	126	105

14 | 8x17 | 150

11x30
330

90	106	128	163	210	**276**	210	163	128	106	90
96	114	140	178	219	**276**	219	178	140	114	96
102	121	144	178	217	**276**	217	178	144	121	102
105	121	144	178	217	**276**	217	178	144	121	105
105	121	144	178	217	**276**	217	178	144	121	105
105	121	144	178	217	**276**	217	178	144	121	105
105	121	144	178	217	**276**	217	178	144	121	105
105	121	144	178	217	**276**	217	178	144	121	105

● F max. = 1139 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-45°

94	109	131	164	213	**280**	213	164	131	109	94
100	118	144	184	244	**335**	244	184	144	118	100
107	128	158	209	**287**	**458**	**287**	209	158	128	107
112	136	171	230	**330**	**735**	**330**	230	171	136	112
117	142	181	249	**369**	**911**	**369**	249	181	142	117
121	148	191	268	**409**	**1130**	**409**	268	191	148	121
119	144	183	250	**367**	**875**	**367**	250	183	144	119
115	138	173	232	**329**	**713**	**329**	232	173	138	115
110	131	162	212	**288**	**586**	**288**	212	162	131	110

14 | 8x17 | 150

11x30
330

94	109	131	164	213	**280**	213	164	131	109	94
100	118	144	184	241	**304**	241	184	144	118	100
107	128	156	192	239	**304**	239	192	156	128	107
112	131	156	192	239	**304**	239	192	156	131	112
113	131	156	192	239	**304**	239	192	156	131	113
113	131	156	192	239	**304**	239	192	156	131	113
113	131	156	192	239	**304**	239	192	156	131	113
113	131	156	192	239	**304**	239	192	156	131	113
110	131	156	192	239	**304**	239	192	156	131	110

● F max. = 1163 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-50°

91	106	127	157	203	**260**	203	157	127	106	91
98	115	139	177	235	**309**	235	177	139	115	98
105	125	154	202	**278**	**419**	**278**	202	154	125	105
111	133	167	224	**323**	**707**	**323**	224	167	133	111
116	140	178	242	**363**	**881**	**363**	242	178	140	116
120	146	188	261	**401**	**1075**	**401**	261	188	146	120
117	142	179	243	**358**	**832**	**358**	243	179	142	117
113	135	169	225	**320**	**676**	**320**	225	169	135	113
108	128	157	204	**277**	**551**	**277**	204	157	128	108

14 | 8x17 | 150

11x30
330

91	106	127	157	203	**260**	203	157	127	106	91
98	115	139	177	235	**309**	235	177	139	115	98
105	125	154	202	272	**348**	272	202	154	125	105
111	133	167	215	272	**348**	272	215	167	133	111
116	140	174	215	272	**348**	272	215	174	140	116
120	146	174	215	272	**348**	272	215	174	146	120
117	142	174	215	272	**348**	272	215	174	142	117
113	135	169	215	272	**348**	272	215	169	135	113
108	128	157	204	272	**348**	272	204	157	128	108

● F max. = 1119 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-55°

96	110	130	159	203	**220**	203	159	130	110	96
103	120	144	180	231	**247**	231	180	144	120	103
111	132	161	207	**280**	**301**	**280**	207	161	132	111
118	142	176	233	**338**	**422**	**338**	233	176	142	118
124	149	188	253	**383**	**903**	**383**	253	188	149	124
129	156	199	**271**	**420**	**1076**	**420**	**271**	199	156	129
125	150	188	251	**373**	**833**	**373**	251	188	150	125
120	143	177	231	**329**	**669**	**329**	231	177	143	120
114	134	163	206	**280**	**538**	**280**	206	163	134	114

14 | 8x17 | 150

11x30
330

96	110	130	159	203	**220**	203	159	130	110	96
103	120	144	180	231	**247**	231	180	144	120	103
111	132	161	207	280	**301**	280	207	161	132	111
118	142	176	233	304	**389**	304	233	176	142	118
124	149	188	237	304	**389**	304	237	188	149	124
129	156	192	237	304	**389**	304	237	192	156	129
125	150	188	237	304	**389**	304	237	188	150	125
120	143	177	231	304	**389**	304	231	177	143	120
114	134	163	206	280	**389**	280	206	163	134	114

● F max. = 1137 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-60°

100	114	134	162	205	221	205	162	134	114	100
108	125	149	185	234	249	234	185	149	125	108
117	138	168	215	**282**	**303**	**282**	215	168	138	117
125	149	185	242	**351**	**429**	**351**	242	185	149	125
131	157	197	**264**	**399**	**940**	**399**	**264**	197	157	131
136	163	206	**277**	**424**	**1046**	**424**	**277**	206	163	136
130	156	194	256	**377**	**815**	**377**	256	194	156	130
125	148	181	233	**328**	**648**	**328**	233	181	148	125
117	137	164	205	**274**	**514**	**274**	205	164	137	117

14 · 8x17 · 150

11x30
330

100	114	134	**162**	**205**	**221**	**205**	**162**	134	114	100
108	125	**149**	**185**	**234**	**249**	**234**	**185**	**149**	125	108
117	**138**	**168**	**215**	**282**	**303**	**282**	**215**	**168**	**138**	117
125	**149**	**185**	**242**	**351**	**429**	**351**	**242**	**185**	**149**	125
131	**157**	**197**	**264**	**357**	**460**	**357**	**264**	**197**	**157**	131
136	**163**	**206**	**274**	**357**	**460**	**357**	**274**	**206**	**163**	136
130	**156**	**194**	**256**	**357**	**460**	**357**	**256**	**194**	**156**	130
125	**148**	**181**	**233**	**328**	**460**	**328**	**233**	**181**	**148**	125
117	137	**164**	**205**	**274**	**460**	**274**	**205**	**164**	137	117

● F max. = 1147 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-65°

102	116	134	160	191	200	191	160	134	116	102
111	128	151	183	206	216	206	183	151	128	111
122	142	171	215	234	246	234	215	171	142	122
131	156	191	246	**286**	**303**	**286**	246	191	156	131
138	165	205	**271**	**398**	**583**	**398**	**271**	205	165	138
143	172	214	**284**	**423**	**1027**	**423**	**284**	214	172	143
138	163	201	**262**	**374**	**793**	**374**	**262**	201	163	138
131	153	186	235	**320**	**622**	**320**	235	186	153	131
121	140	166	204	**264**	**487**	**264**	204	166	140	121

14 · 8x17 · 150

11x30
330

102	116	134	**160**	**191**	**200**	**191**	**160**	134	116	102
111	128	151	**183**	**206**	**216**	**206**	**183**	151	128	111
122	142	**171**	**215**	**234**	**246**	**234**	**215**	**171**	142	122
131	156	**191**	**246**	**286**	**303**	**286**	**246**	**191**	156	131
138	**165**	**205**	**271**	**398**	**526**	**398**	**271**	**205**	**165**	138
143	**172**	**214**	**284**	**405**	**526**	**405**	**284**	**214**	**172**	143
138	**163**	**201**	**262**	**374**	**526**	**374**	**262**	**201**	**163**	138
131	153	**186**	**235**	**320**	**526**	**320**	**235**	**186**	153	131
121	140	**166**	**204**	**264**	**487**	**264**	**204**	**166**	140	121

● F max. = 1129 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-0°

58	70	84	107	141	**316**	141	107	84	70	58	14
60	72	88	113	**153**	**354**	**153**	113	88	72	60	8x17
62	75	92	120	**166**	**406**	**166**	120	92	75	62	
64	77	96	127	**179**	**476**	**179**	127	96	77	64	
65	80	101	134	**192**	**574**	**192**	134	101	80	65	
65	80	100	133	**188**	**527**	**188**	133	100	80	65	
64	78	96	126	**176**	**443**	**176**	126	96	78	64	
62	75	92	119	**163**	**383**	**163**	119	92	75	62	
60	72	88	112	**151**	**338**	**151**	112	88	72	60	150

11x30
330

51	57	63	72	83	98	83	72	63	57	51
51	56	63	71	83	98	83	71	63	56	51
51	56	63	71	83	98	83	71	63	56	51
51	56	63	71	83	98	83	71	63	56	51
51	56	63	71	83	98	83	71	63	56	51
51	56	63	71	83	98	83	71	63	56	51
51	56	63	71	83	98	83	71	63	56	51
51	56	63	71	83	98	83	71	63	56	51

● F max. = 609 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-5°

56	68	83	104	139	**311**	139	104	83	68	56	14
58	71	86	110	**152**	**353**	**152**	110	86	71	58	8x17
59	74	91	118	**167**	**410**	**167**	118	91	74	59	
62	77	95	125	**181**	**488**	**181**	125	95	77	62	
63	79	99	132	**196**	**604**	**196**	132	99	79	63	
63	79	98	131	**190**	**536**	**190**	131	98	79	63	
62	77	95	123	**176**	**444**	**176**	123	95	77	62	
60	74	90	116	**162**	**379**	**162**	116	90	74	60	
58	71	86	109	149	**330**	149	109	86	71	58	150

11x30
330

53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53
53	60	68	77	89	106	89	77	68	60	53

● F max. = 638 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-10°

58	71	86	108	140	**308**	140	108	86	71	58	14
60	74	91	116	158	**353**	158	116	91	74	60	8x17
62	77	96	124	**174**	**408**	**174**	124	96	77	62	
65	80	101	132	**191**	**482**	**191**	132	101	80	65	
66	83	105	140	**207**	**586**	**207**	140	105	83	66	
68	86	110	146	**218**	**645**	**218**	146	110	86	68	
67	83	105	138	**200**	**523**	**200**	138	105	83	67	
65	80	101	130	**185**	**439**	**185**	130	101	80	65	
63	77	95	122	**169**	**379**	**169**	122	95	77	63	150

11x30
330

56	63	72	83	97	116	97	83	72	63	56
56	63	72	83	97	116	97	83	72	63	56
56	63	72	83	96	116	96	83	72	63	56
56	63	72	83	96	116	96	83	72	63	56
56	63	72	83	96	116	96	83	72	63	56
56	63	72	83	96	116	96	83	72	63	56
56	63	72	83	96	116	96	83	72	63	56
56	63	72	83	96	116	96	83	72	63	56

● F max. = 693 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-15°

59	71	89	111	145	**312**	145	111	89	71	59	14
62	75	95	119	163	**361**	163	119	95	75	62	8x17
64	79	100	128	**183**	**420**	**183**	128	100	79	64	
66	82	105	137	**202**	**497**	**202**	137	105	82	66	
68	85	110	146	**221**	**610**	**221**	146	110	85	68	
70	88	114	152	**232**	**665**	**232**	152	114	88	70	
68	85	110	143	**212**	**536**	**212**	143	110	85	68	
67	82	104	135	**194**	**448**	**194**	135	104	82	67	
65	79	99	126	**176**	**386**	**176**	126	99	79	65	150

11x30
330

58	66	77	89	104	127	104	89	77	66	58
58	66	77	89	104	127	104	89	77	66	58
58	66	77	88	104	127	104	88	77	66	58
58	66	77	88	104	127	104	88	77	66	58
58	66	77	88	104	127	104	88	77	66	58
58	66	77	88	104	127	104	88	77	66	58
58	66	77	88	104	127	104	88	77	66	58
58	66	77	88	104	127	104	88	77	66	58

● F max. = 721 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-20°

57	68	84	103	131	**266**	131	103	84	68	57	14
60	72	90	113	147	**313**	147	113	90	72	60	
63	77	97	123	**169**	**371**	**169**	123	97	77	63	
65	80	103	133	**191**	**433**	**191**	133	103	80	65	
68	83	109	143	**212**	**515**	**212**	143	109	83	68	
70	86	114	152	**231**	**638**	**231**	152	114	86	70	8x17
71	89	117	156	**238**	**662**	**238**	156	117	89	71	
70	86	112	146	**218**	**534**	**218**	146	112	86	70	
68	83	107	137	**198**	**447**	**198**	137	107	83	68	

150

11x30

330

57	68	83	97	114	**140**	114	97	83	68	57
60	70	83	96	114	**140**	114	96	83	70	60
61	70	83	95	113	**140**	113	95	83	70	61
61	70	82	95	113	**140**	113	95	82	70	61
61	70	82	95	113	**140**	113	95	82	70	61
61	70	82	95	113	**140**	113	95	82	70	61
61	70	82	95	113	**140**	113	95	82	70	61
61	70	82	95	113	**140**	113	95	82	70	61

● F max. = 738 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-25°

59	69	85	104	134	**266**	134	104	85	69	59	14
62	74	92	116	152	**315**	152	116	92	74	62	
65	78	99	128	**176**	**378**	**176**	128	99	78	65	
68	83	106	139	**198**	**445**	**198**	139	106	83	68	
70	86	112	149	**218**	**533**	**218**	149	112	86	70	8x17
72	89	117	159	**240**	**665**	**240**	159	117	89	72	
74	92	119	163	**245**	**674**	**245**	163	119	92	74	
72	88	114	153	**224**	**541**	**224**	153	114	88	72	
70	85	109	143	**203**	**452**	**203**	143	109	85	70	

150

11x30

330

59	69	85	104	124	**152**	124	104	85	69	59
62	74	87	104	123	**152**	123	104	87	74	62
64	74	87	103	122	**152**	122	103	87	74	64
64	74	87	102	122	**152**	122	102	87	74	64
64	74	87	102	122	**152**	122	102	87	74	64
64	74	87	102	122	**152**	122	102	87	74	64
64	74	87	102	122	**152**	122	102	87	74	64
64	74	87	102	122	**152**	122	102	87	74	64

● F max. = 763 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-30°

59	71	86	106	137	**269**	137	106	86	71	59	14
63	75	93	119	156	**320**	156	119	93	75	63	
66	80	101	132	**182**	**388**	**182**	132	101	80	66	
69	84	108	144	**203**	**460**	**203**	144	108	84	69	
72	89	114	155	**225**	**554**	**225**	155	114	89	72	
74	92	119	166	**248**	**698**	**248**	166	119	92	74	8x17
76	93	122	167	**248**	**664**	**248**	167	122	93	76	
74	90	116	157	**226**	**536**	**226**	157	116	90	74	
71	86	110	146	**204**	**449**	**204**	146	110	86	71	

150

11x30

330

59	71	86	106	136	**169**	136	106	86	71	59
63	75	93	113	136	**169**	136	113	93	75	63
66	79	93	113	135	**169**	135	113	93	79	66
68	79	93	112	134	**169**	134	112	93	79	68
68	79	93	112	134	**169**	134	112	93	79	68
68	79	93	112	134	**169**	134	112	93	79	68
68	79	93	112	134	**169**	134	112	93	79	68
68	79	93	112	134	**169**	134	112	93	79	68

● F max. = 778 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-35°

61	71	86	109	137	**260**	137	109	86	71	61	14
65	77	94	121	158	**313**	158	121	94	77	65	
68	82	102	136	**182**	**384**	**182**	136	102	82	68	
72	87	110	149	**206**	**462**	**206**	149	110	87	72	
75	92	117	162	**230**	**558**	**230**	162	117	92	75	8x17
77	95	123	174	**256**	**704**	**256**	174	123	95	77	
79	97	125	**177**	**258**	**690**	**258**	**177**	125	97	79	
77	94	119	165	**233**	**552**	**233**	165	119	94	77	
74	90	113	153	**210**	**460**	**210**	153	113	90	74	

150

11x30

330

61	71	86	109	137	**185**	137	109	86	71	61
65	77	94	121	148	**185**	148	121	94	77	65
68	82	99	122	147	**185**	147	122	99	82	68
72	84	99	121	146	**185**	146	121	99	84	72
72	84	99	121	146	**185**	146	121	99	84	72
72	84	99	121	146	**185**	146	121	99	84	72
72	84	99	121	146	**185**	146	121	99	84	72
72	84	99	121	146	**185**	146	121	99	84	72

● F max. = 799 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-40°

68	80	96	122	158	**299**	158	122	96	80	68	14
72	86	105	136	181	**363**	181	136	105	86	72	8x17
77	92	115	153	208	**447**	208	153	115	92	77	
80	97	123	167	**236**	**538**	**236**	167	123	97	80	
83	101	130	181	**263**	**664**	**263**	181	130	101	83	150
86	105	137	194	**293**	**843**	**293**	194	137	105	86	
85	103	132	183	**265**	**653**	**265**	183	132	103	85	
82	99	125	170	**239**	**533**	**239**	170	125	99	82	
79	95	118	157	**212**	**446**	**212**	157	118	95	79	

11x30
330

68	80	96	122	158	**207**	158	122	96	80	68
72	86	105	134	164	**207**	164	134	105	86	72
77	91	108	134	163	**207**	163	134	108	91	77
79	91	108	134	163	**207**	163	134	108	91	79
79	91	108	134	163	**207**	163	134	108	91	79
79	91	108	134	163	**207**	163	134	108	91	79
79	91	108	134	163	**207**	163	134	108	91	79
79	91	108	134	163	**207**	163	134	108	91	79

● F max. = 854 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-45°

71	82	98	123	160	**210**	160	123	98	82	71	14
75	89	108	138	183	**251**	183	138	108	89	75	8x17
80	96	119	157	**215**	**344**	**215**	157	119	96	80	
84	102	128	173	**248**	**551**	**248**	173	128	102	84	
88	107	136	187	**277**	**683**	**277**	187	136	107	88	150
91	111	143	201	**307**	**848**	**307**	201	143	111	91	
89	108	137	188	**275**	**656**	**275**	188	137	108	89	
86	104	130	174	**247**	**535**	**247**	174	130	104	86	
83	98	122	159	**216**	**440**	**216**	159	122	98	83	

11x30
330

71	82	98	123	160	**210**	160	123	98	82	71
75	89	108	138	181	**228**	181	138	108	89	75
80	96	117	144	179	**228**	179	144	117	96	80
84	98	117	144	179	**228**	179	144	117	98	84
85	98	117	144	179	**228**	179	144	117	98	85
85	98	117	144	179	**228**	179	144	117	98	85
85	98	117	144	179	**228**	179	144	117	98	85
85	98	117	144	179	**228**	179	144	117	98	85
83	98	117	144	179	**228**	179	144	117	98	83

● F max. = 872 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-50°

68	80	95	118	152	**195**	152	118	95	80	68	14
74	86	104	133	176	**232**	176	133	104	86	74	8x17
79	94	116	152	**209**	**314**	**209**	152	116	94	79	
83	100	125	168	**242**	**530**	**242**	168	125	100	83	
87	105	134	182	**272**	**661**	**272**	182	134	105	87	150
90	110	141	196	**301**	**806**	**301**	196	141	110	90	
88	107	134	182	**269**	**624**	**269**	182	134	107	88	
85	101	127	169	**240**	**507**	**240**	169	127	101	85	
81	96	118	153	**208**	**413**	**208**	153	118	96	81	

11x30
330

68	80	95	118	152	**195**	152	118	95	80	68
74	86	104	133	176	**232**	176	133	104	86	74
79	94	116	152	204	**261**	204	152	116	94	79
83	100	125	161	204	**261**	204	161	125	100	83
87	105	131	161	204	**261**	204	161	131	105	87
90	110	131	161	204	**261**	204	161	131	110	90
88	107	131	161	204	**261**	204	161	131	107	88
85	101	127	161	204	**261**	204	161	127	101	85
81	96	118	153	204	**261**	204	153	118	96	81

● F max. = 839 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-55°

72	83	98	119	152	165	152	119	98	83	72	14
77	90	108	135	173	185	173	135	108	90	77	8x17
83	99	121	155	**210**	**226**	**210**	155	121	99	83	
89	107	132	175	**254**	**317**	**254**	175	132	107	89	
93	112	141	190	**287**	**677**	**287**	190	141	112	93	150
97	117	149	**203**	**315**	**807**	**315**	**203**	149	117	97	
94	113	141	188	**280**	**625**	**280**	188	141	113	94	
90	107	133	173	**247**	**502**	**247**	173	133	107	90	
86	101	122	155	**210**	**404**	**210**	155	122	101	86	

11x30
330

72	83	98	119	152	165	152	119	98	83	72
77	90	108	135	173	**185**	173	135	108	90	77
83	99	121	155	**210**	**226**	**210**	155	121	99	83
89	107	132	175	**228**	**292**	**228**	175	132	107	89
93	112	141	178	**228**	**292**	**228**	178	141	112	93
97	117	144	178	**228**	**292**	**228**	178	144	117	97
94	113	141	178	**228**	**292**	**228**	178	141	113	94
90	107	133	173	**228**	**292**	**228**	173	133	107	90
86	101	122	155	**210**	**292**	**210**	155	122	101	86

● F max. = 853 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0330-60°

75	86	101	122	154	166	154	122	101	86	75	14
81	94	112	139	176	187	176	139	112	94	81	
88	104	126	161	**212**	**227**	**212**	161	126	104	88	
94	112	139	182	**263**	**322**	**263**	182	139	112	94	
98	118	148	**198**	**299**	**705**	**299**	**198**	148	118	98	8x17
102	122	155	**208**	**318**	**785**	**318**	**208**	155	122	102	150
98	117	146	192	**283**	**611**	**283**	192	146	117	98	
94	111	136	175	**246**	**486**	**246**	175	136	111	94	
88	103	123	154	**206**	**386**	**206**	154	123	103	88	

11x30
330

75	86	101	**122**	**154**	**166**	**154**	**122**	101	86	75
81	94	**112**	**139**	**176**	**187**	**176**	**139**	**112**	94	81
88	**104**	**126**	**161**	**212**	**227**	**212**	**161**	**126**	**104**	88
94	**112**	**139**	**182**	**263**	**322**	**263**	**182**	**139**	**112**	94
98	**118**	**148**	**198**	**268**	**345**	**268**	**198**	**148**	**118**	98
102	**122**	**155**	**206**	**268**	**345**	**268**	**206**	**155**	**122**	102
98	**117**	**146**	**192**	**268**	**345**	**268**	**192**	**146**	**117**	98
94	**111**	**136**	**175**	**246**	**345**	**246**	**175**	**136**	**111**	94
88	103	**123**	**154**	**206**	**345**	**206**	**154**	**123**	103	88

● F max. = 860 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0330-65°

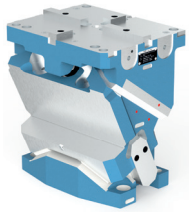
77	87	101	120	143	150	143	120	101	87	77	14
83	96	113	137	155	162	155	137	113	96	83	
92	107	128	161	176	185	176	161	128	107	92	
98	117	143	185	**215**	**227**	**215**	185	143	117	98	
104	124	154	**203**	**299**	**437**	**299**	**203**	154	124	104	8x17
107	129	161	**213**	**317**	**770**	**317**	**213**	161	129	107	150
104	122	151	**197**	**281**	**595**	**281**	**197**	151	122	104	
98	115	140	176	**240**	**467**	**240**	176	140	115	98	
91	105	125	153	**198**	**365**	**198**	153	125	105	91	

11x30
330

77	87	101	**120**	**143**	**150**	**143**	**120**	101	87	77
83	96	113	**137**	**155**	**162**	**155**	**137**	113	96	83
92	107	**128**	**161**	**176**	**185**	**176**	**161**	**128**	107	92
98	117	**143**	**185**	**215**	**227**	**215**	**185**	**143**	117	98
104	**124**	**154**	**203**	**299**	**395**	**299**	**203**	**154**	**124**	104
107	**129**	**161**	**213**	**304**	**395**	**304**	**213**	**161**	**129**	107
104	**122**	**151**	**197**	**281**	**395**	**281**	**197**	**151**	**122**	104
98	115	**140**	**176**	**240**	**395**	**240**	**176**	**140**	115	98
91	105	**125**	**153**	**198**	**365**	**198**	**153**	**125**	105	91

● F max. = 847 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

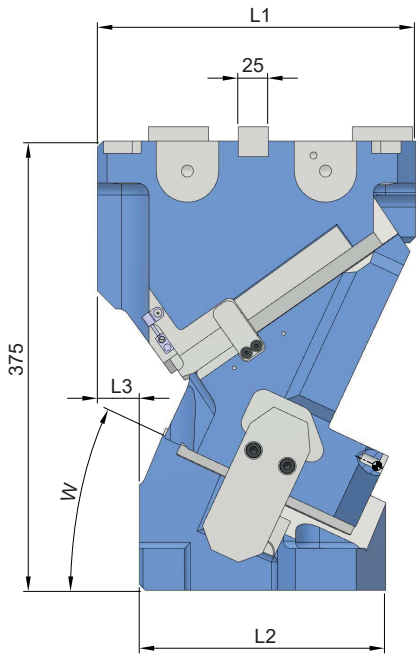


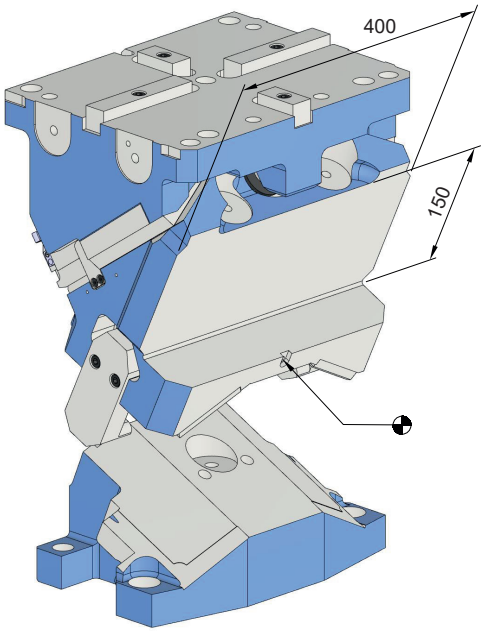
SN5650-PMOKL-0400-

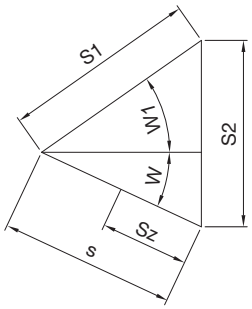
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	400 x 150 mm
Schieberbreite max.	*Cam unit width max.*	400 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 964 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



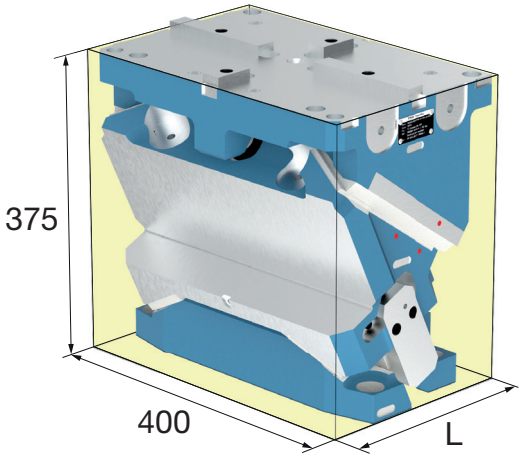
Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOKL-0400-

Oben hängender Kompakt-L-Schieber



E0



E1



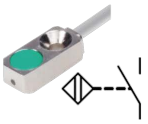
G0



S0



S1

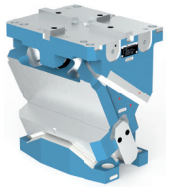


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

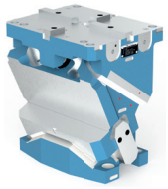
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E0-G0-S0-V04
0°	E0	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E0-G0-S1-V04
0°	E0	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E0-G1-S0-V04
0°	E0	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E0-G1-S1-V04
0°	E1	G0	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E1-G0-S0-V04
0°	E1	G0	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E1-G0-S1-V04
0°	E1	G1	S0	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E1-G1-S0-V04
0°	E1	G1	S1	265	47	35.5	52	38	20.4	265	225	30	SN5650-PMOKL-0400-00-E1-G1-S1-V04
5°	E0	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E0-G0-S0-V04
5°	E0	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E0-G0-S1-V04
5°	E0	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E0-G1-S0-V04
5°	E0	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E0-G1-S1-V04
5°	E1	G0	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E1-G0-S0-V04
5°	E1	G0	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E1-G0-S1-V04
5°	E1	G1	S0	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E1-G1-S0-V04
5°	E1	G1	S1	265	45	36.9	52	40	20.4	265	225	30	SN5650-PMOKL-0400-05-E1-G1-S1-V04
10°	E0	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E0-G0-S0-V04
10°	E0	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E0-G0-S1-V04
10°	E0	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E0-G1-S0-V04
10°	E0	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E0-G1-S1-V04
10°	E1	G0	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E1-G0-S0-V04
10°	E1	G0	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E1-G0-S1-V04
10°	E1	G1	S0	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E1-G1-S0-V04
10°	E1	G1	S1	265	42	39.2	52	41.6	26.4	265	220	30	SN5650-PMOKL-0400-10-E1-G1-S1-V04
15°	E0	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E0-G0-S0-V04
15°	E0	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E0-G0-S1-V04
15°	E0	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E0-G1-S0-V04
15°	E0	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E0-G1-S1-V04
15°	E1	G0	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E1-G0-S0-V04
15°	E1	G0	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E1-G0-S1-V04
15°	E1	G1	S0	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E1-G1-S0-V04
15°	E1	G1	S1	265	40	41.2	52	44.1	26.4	265	220	30	SN5650-PMOKL-0400-15-E1-G1-S1-V04
20°	E0	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E0-G0-S0-V04
20°	E0	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E0-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E0-G1-S0-V04
20°	E0	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E0-G1-S1-V04
20°	E1	G0	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E1-G0-S0-V04
20°	E1	G0	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E1-G0-S1-V04
20°	E1	G1	S0	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E1-G1-S0-V04
20°	E1	G1	S1	265	37	44.2	52	46.4	26.4	265	205	35	SN5650-PMOKL-0400-20-E1-G1-S1-V04
25°	E0	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E0-G0-S0-V04
25°	E0	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E0-G0-S1-V04
25°	E0	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E0-G1-S0-V04
25°	E0	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E0-G1-S1-V04
25°	E1	G0	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E1-G0-S0-V04
25°	E1	G0	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E1-G0-S1-V04
25°	E1	G1	S0	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E1-G1-S0-V04
25°	E1	G1	S1	265	35	47	52	49.7	26.4	265	205	35	SN5650-PMOKL-0400-25-E1-G1-S1-V04
30°	E0	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E0-G0-S0-V04
30°	E0	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E0-G0-S1-V04
30°	E0	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E0-G1-S0-V04
30°	E0	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E0-G1-S1-V04
30°	E1	G0	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E1-G0-S0-V04
30°	E1	G0	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E1-G0-S1-V04
30°	E1	G1	S0	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E1-G1-S0-V04
30°	E1	G1	S1	285	32	50.9	52	53	36.4	285	190	40	SN5650-PMOKL-0400-30-E1-G1-S1-V04
35°	E0	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E0-G0-S0-V04
35°	E0	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E0-G0-S1-V04
35°	E0	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E0-G1-S0-V04
35°	E0	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E0-G1-S1-V04
35°	E1	G0	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E1-G0-S0-V04
35°	E1	G0	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E1-G0-S1-V04
35°	E1	G1	S0	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E1-G1-S0-V04
35°	E1	G1	S1	285	30	49.7	47	52	36.4	285	190	40	SN5650-PMOKL-0400-35-E1-G1-S1-V04
40°	E0	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E0-G0-S0-V04
40°	E0	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E0-G0-S1-V04
40°	E0	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E0-G1-S0-V04
40°	E0	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E0-G1-S1-V04
40°	E1	G0	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E1-G0-S0-V04
40°	E1	G0	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E1-G0-S1-V04
40°	E1	G1	S0	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E1-G1-S0-V04
40°	E1	G1	S1	285	27	54.7	47	56.5	41.4	285	180	10	SN5650-PMOKL-0400-40-E1-G1-S1-V04
45°	E0	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E0-G0-S0-V04
45°	E0	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E0-G0-S1-V04
45°	E0	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E0-G1-S0-V04
45°	E0	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E0-G1-S1-V04
45°	E1	G0	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E1-G0-S0-V04
45°	E1	G0	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E1-G0-S1-V04
45°	E1	G1	S0	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E1-G1-S0-V04
45°	E1	G1	S1	285	25	60.2	47	62.5	41.4	285	180	10	SN5650-PMOKL-0400-45-E1-G1-S1-V04
50°	E0	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E0-G0-S0-V04
50°	E0	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E0-G0-S1-V04
50°	E0	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E0-G1-S0-V04
50°	E0	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E0-G1-S1-V04
50°	E1	G0	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E1-G0-S0-V04
50°	E1	G0	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E1-G0-S1-V04
50°	E1	G1	S0	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E1-G1-S0-V04
50°	E1	G1	S1	290	22	67.8	47	69.5	46.4	290	165	0	SN5650-PMOKL-0400-50-E1-G1-S1-V04
55°	E0	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E0-G0-S0-V04

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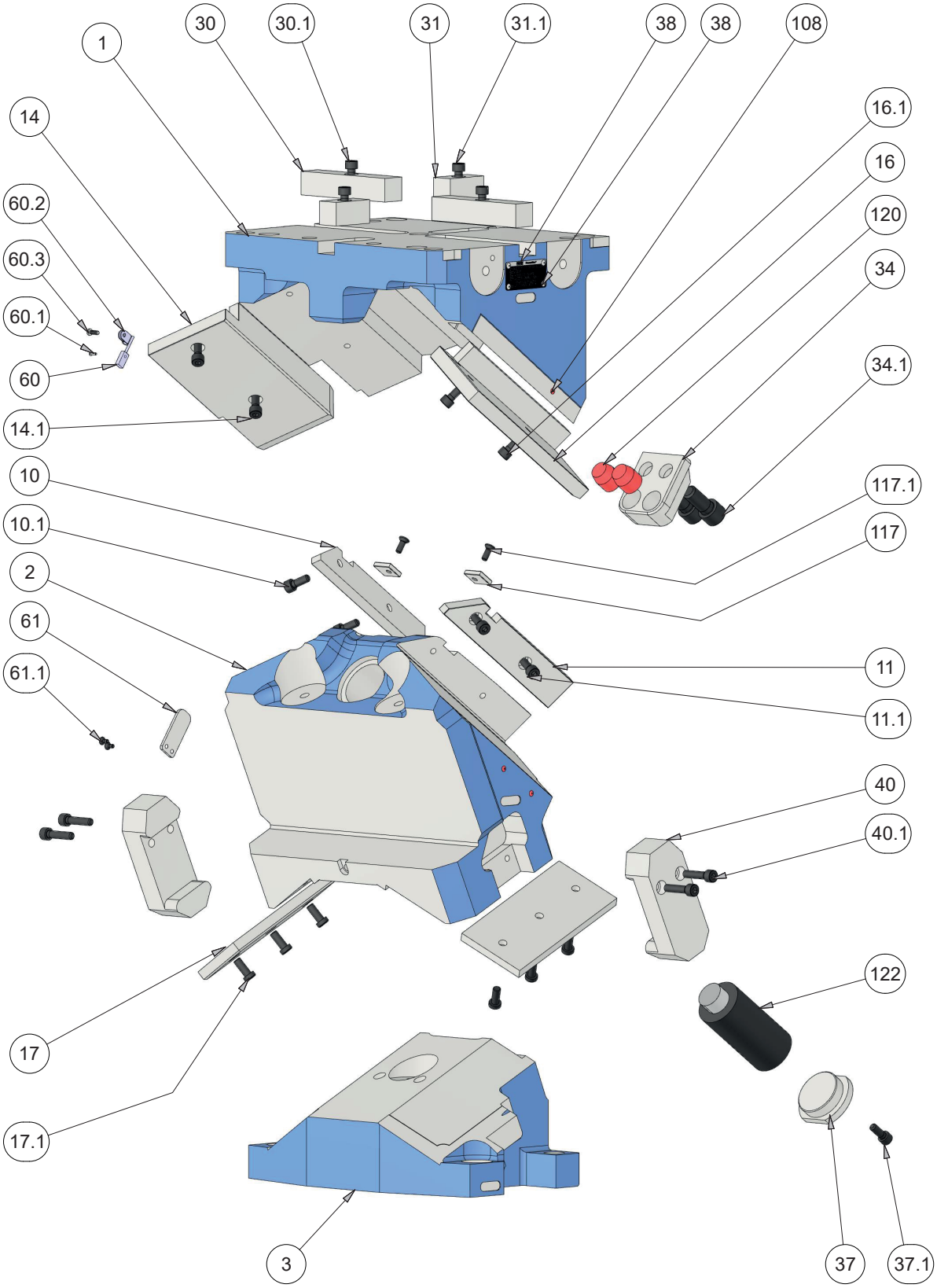


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E0-G0-S1-V04
55°	E0	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E0-G1-S0-V04
55°	E0	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E0-G1-S1-V04
55°	E1	G0	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E1-G0-S0-V04
55°	E1	G0	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E1-G0-S1-V04
55°	E1	G1	S0	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E1-G1-S0-V04
55°	E1	G1	S1	290	20	68.8	42	70.7	46.4	290	165	0	SN5650-PMOKL-0400-55-E1-G1-S1-V04
60°	E0	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E0-G0-S0-V04
60°	E0	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E0-G0-S1-V04
60°	E0	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E0-G1-S0-V04
60°	E0	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E0-G1-S1-V04
60°	E1	G0	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E1-G0-S0-V04
60°	E1	G0	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E1-G0-S1-V04
60°	E1	G1	S0	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E1-G1-S0-V04
60°	E1	G1	S1	315	17	70.8	37	72.1	46.4	290	145	25	SN5650-PMOKL-0400-60-E1-G1-S1-V04
65°	E0	G0	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E0-G0-S0-V04
65°	E0	G0	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E0-G0-S1-V04
65°	E0	G1	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E0-G1-S0-V04
65°	E0	G1	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E0-G1-S1-V04
65°	E1	G0	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E1-G0-S0-V04
65°	E1	G0	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E1-G0-S1-V04
65°	E1	G1	S0	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E1-G1-S0-V04
65°	E1	G1	S1	315	15	73.1	32	74.6	46.4	290	145	25	SN5650-PMOKL-0400-65-E1-G1-S1-V04

SN5650-PMOKL-0400-

Bauteile

Components



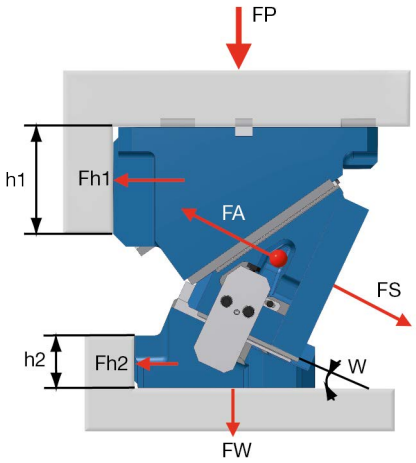
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0400-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	964	912	964	912	0	150	50	54
05°	1064	994	981	901	79	145	65	59
10°	1070	1021	907	835	174	140	80	66
15°	1088	1028	851	747	200	140	80	71
20°	1114	1071	796	690	251	125	75	77
25°	1151	1098	758	612	285	125	75	75
30°	1174	1137	699	550	317	110	100	75
35°	1206	1161	660	469	328	110	100	75
40°	1225	1193	598	406	341	125	120	88
45°	1251	1213	556	329	329	125	120	65
50°	1266	1240	491	271	323	140	140	56
55°	1287	1258	448	203	290	140	140	55
60°	1298	1279	381	155	268	150	165	48
65°	1160	1142	296	90	194	150	165	47



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	723	687	723	687	0	150	50	54
05°	798	749	736	679	59	145	65	59
10°	803	768	679	629	111	140	80	66
15°	816	774	637	563	151	140	80	71
20°	836	806	596	520	189	125	75	77
25°	863	826	567	461	215	125	75	75
30°	881	855	523	414	239	110	100	75
35°	905	873	493	354	248	110	100	75
40°	919	897	447	306	257	125	120	88
45°	938	912	415	248	248	125	120	65
50°	950	932	367	205	244	140	140	56
55°	965	944	334	154	220	140	140	55
60°	974	960	284	117	203	150	165	48
65°	870	857	220	69	147	150	165	47

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-0°

71	95	123	156	215	**501**	215	156	123	95	71	14
73	98	128	165	**233**	**561**	**233**	165	128	98	73	8x17
74	101	134	175	**251**	**643**	**251**	175	134	101	74	
76	104	139	184	**270**	**753**	**270**	184	139	104	76	
77	107	144	193	**290**	**909**	**290**	193	144	107	77	
78	107	144	191	**284**	**832**	**284**	191	144	107	78	
76	104	139	182	**265**	**701**	**265**	182	139	104	76	
75	102	133	173	**246**	**606**	**246**	173	133	102	75	
73	99	128	164	229	**533**	229	164	128	99	73	150

42,5 — 9x35 — 42,5

400

71	95	106	118	134	156	134	118	106	95	71
73	95	105	118	134	156	134	118	105	95	73
74	95	105	118	134	156	134	118	105	95	74
76	95	105	118	134	156	134	118	105	95	76
77	95	105	118	134	156	134	118	105	95	77
78	95	105	118	134	156	134	118	105	95	78
76	95	105	118	134	156	134	118	105	95	76
75	95	105	118	134	156	134	118	105	95	75
73	95	105	118	134	150	134	118	105	95	73

● F max. = 964 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-5°

73	97	128	162	223	**520**	223	162	128	97	73	14
74	100	133	171	245	**590**	245	171	133	100	74	8x17
76	103	139	182	**266**	**685**	**266**	182	139	103	76	
78	106	145	192	**288**	**816**	**288**	192	145	106	78	
79	109	151	202	**310**	**1010**	**310**	202	151	109	79	
79	108	150	199	**300**	**892**	**300**	199	150	108	79	
78	106	144	189	**279**	**740**	**279**	189	144	106	78	
76	103	138	179	**258**	**632**	**258**	179	138	103	76	
75	100	132	169	238	**550**	238	169	132	100	75	150

42,5 — 9x35 — 42,5

400

73	97	112	127	145	170	145	127	112	97	73
74	99	112	126	145	170	145	126	112	99	74
76	99	112	126	145	170	145	126	112	99	76
78	99	112	126	145	170	145	126	112	99	78
79	99	112	126	145	170	145	126	112	99	79
79	99	112	126	145	170	145	126	112	99	79
78	99	112	126	145	170	145	126	112	99	78
76	99	112	126	145	170	145	126	112	99	76
75	99	112	126	145	170	145	126	112	99	75

● F max. = 1064 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-10°

73	96	124	156	209	**477**	209	156	124	96	73	14
75	99	130	166	234	**547**	234	166	130	99	75	8x17
77	103	137	177	**258**	**632**	**258**	177	137	103	77	
78	106	143	188	**280**	**745**	**280**	188	143	106	78	
80	109	149	198	**303**	**907**	**303**	198	149	109	80	
82	112	154	206	**317**	**995**	**317**	206	154	112	82	
80	109	148	195	**294**	**806**	**294**	195	148	109	80	
79	106	142	185	**272**	**677**	**272**	185	142	106	79	
77	103	136	174	**250**	**584**	**250**	174	136	103	77	150

42,5 — 9x35 — 42,5

400

73	96	120	137	157	186	157	137	120	96	73
75	99	120	136	157	186	157	136	120	99	75
77	103	120	136	157	186	157	136	120	103	77
78	104	120	136	157	186	157	136	120	104	78
80	104	120	136	157	186	157	136	120	104	80
82	104	120	136	157	186	157	136	120	104	82
80	104	120	136	157	186	157	136	120	104	80
79	104	120	136	157	186	157	136	120	104	79
77	103	120	136	157	186	157	136	120	103	77

● F max. = 1070 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-15°

75	97	123	158	210	**471**	210	158	123	97	75	14
77	102	130	169	236	**546**	236	169	130	102	77	8x17
79	106	137	180	**259**	**635**	**259**	180	137	106	79	
81	109	144	192	**282**	**752**	**282**	192	144	109	81	
83	112	150	203	**306**	**922**	**306**	203	150	112	83	
85	115	154	210	**319**	**1002**	**319**	210	154	115	85	
83	112	149	199	**295**	**807**	**295**	199	149	112	83	
82	109	143	188	**272**	**676**	**272**	188	143	109	82	
80	106	136	177	249	**581**	249	177	136	106	80	150

42,5 — 9x35 — 42,5

400

75	97	123	147	170	202	170	147	123	97	75
77	102	127	146	169	202	169	146	127	102	77
79	106	127	145	169	202	169	145	127	106	79
81	109	127	145	169	202	169	145	127	109	81
83	109	127	145	169	202	169	145	127	109	83
85	109	127	145	169	202	169	145	127	109	85
83	109	127	145	169	202	169	145	127	109	83
82	109	127	145	169	202	169	145	127	109	82
80	106	127	145	169	202	169	145	127	106	80

● F max. = 1088 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-20°

74	94	116	146	189	**403**	189	146	116	94	74	14
77	99	124	161	213	**473**	213	161	124	99	77	
80	104	132	174	240	**560**	240	174	132	104	80	
82	109	140	187	**264**	**654**	**264**	187	140	109	82	
84	113	147	199	**289**	**779**	**289**	199	147	113	84	8x17
86	116	153	211	**315**	**964**	**315**	211	153	116	86	
88	118	157	216	**323**	**999**	**323**	216	157	118	88	
86	115	151	205	**298**	**805**	**298**	205	151	115	86	
84	112	144	193	**273**	**674**	**273**	193	144	112	84	150

42,5 | 9x35 | 42,5

400

74	94	116	146	186	222	186	146	116	94	74
77	99	124	159	185	222	185	159	124	99	77
80	104	132	158	184	222	184	158	132	104	80
82	109	135	157	184	222	184	157	135	109	82
84	113	135	157	184	222	184	157	135	113	84
86	116	135	157	184	222	184	157	135	116	86
88	116	135	157	184	222	184	157	135	116	88
86	115	135	157	184	222	184	157	135	115	86
84	112	135	157	184	222	184	157	135	112	84

● F max. = 1114 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-25°

77	96	118	148	191	**364**	191	148	118	96	77	14
80	102	126	163	218	**474**	218	163	126	102	80	
83	108	136	182	247	**571**	247	182	136	108	83	
86	113	145	196	**275**	**674**	**275**	196	145	113	86	
88	118	152	210	**303**	**808**	**303**	210	152	118	88	8x17
90	121	159	223	**331**	**1011**	**331**	223	159	121	90	
92	123	162	227	**337**	**1020**	**337**	227	162	123	92	
90	120	155	214	**309**	**817**	**309**	214	155	120	90	
88	116	148	201	**282**	**682**	**282**	201	148	116	88	150

42,5 | 9x35 | 42,5

400

77	96	118	148	191	242	191	148	118	96	77
80	102	126	163	200	242	200	163	126	102	80
83	108	136	170	199	242	199	170	136	108	83
86	113	142	169	199	242	199	169	142	113	86
88	118	142	169	199	242	199	169	142	118	88
90	121	142	169	199	242	199	169	142	121	90
92	122	142	169	199	242	199	169	142	122	92
90	120	142	169	199	242	199	169	142	120	90
88	116	142	169	199	242	199	169	142	116	88

● F max. = 1151 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-30°

80	98	120	155	198	**406**	198	155	120	98	80	14
83	104	129	170	225	**485**	225	170	129	104	83	
87	111	139	188	255	**586**	255	188	139	111	87	
90	116	148	203	**285**	**695**	**285**	203	148	116	90	
92	121	156	218	**314**	**838**	**314**	218	156	121	92	8x17
94	125	163	232	**345**	**1056**	**345**	232	163	125	94	
96	127	165	234	**344**	**1001**	**344**	234	165	127	96	
94	123	158	220	**314**	**807**	**314**	220	158	123	94	
92	119	151	206	**286**	**676**	**286**	206	151	119	92	150

42,5 | 9x35 | 42,5

400

80	98	120	155	198	268	198	155	120	98	80
83	104	129	170	220	268	220	170	129	104	83
87	111	139	185	219	268	219	185	139	111	87
90	116	148	185	219	268	219	185	148	116	90
92	121	153	185	219	268	219	185	153	121	92
94	125	153	185	219	268	219	185	153	125	94
96	127	153	185	219	268	219	185	153	127	96
94	123	153	185	219	268	219	185	153	123	94
92	119	151	185	219	268	219	185	151	119	92

● F max. = 1174 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-35°

84	102	123	157	202	**263**	202	157	123	102	84	14
88	108	133	173	231	**311**	231	173	133	108	88	
92	116	144	192	265	**411**	265	192	144	116	92	
96	122	154	210	**299**	**670**	**299**	210	154	122	96	
99	127	163	226	**331**	**867**	**331**	226	163	127	99	8x17
101	132	170	241	**365**	**1102**	**365**	241	170	132	101	
103	133	171	240	**358**	**1007**	**358**	240	171	133	103	
100	129	164	225	**326**	**811**	**326**	225	164	129	100	
98	124	156	210	**295**	**678**	**295**	210	156	124	98	150

42,5 | 9x35 | 42,5

400

84	102	123	157	202	263	202	157	123	102	84
88	108	133	173	231	293	231	173	133	108	88
92	116	144	192	238	293	238	192	144	116	92
96	122	154	198	238	293	238	198	154	122	96
99	127	163	198	238	293	238	198	163	127	99
101	132	164	198	238	293	238	198	164	132	101
103	133	164	198	238	293	238	198	164	133	103
100	129	164	198	238	293	238	198	164	129	100
98	124	156	198	238	293	238	198	156	124	98

● F max. = 1206 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-40°

89	107	129	164	215	**382**	215	164	129	107	89	14
94	114	140	182	247	**472**	247	182	140	114	94	
99	122	152	203	284	**642**	284	203	152	122	99	
102	128	162	221	**320**	**772**	**320**	221	162	128	102	
105	134	171	237	**354**	**952**	**354**	237	171	134	105	8x17
108	139	179	253	**391**	**1208**	**391**	253	179	139	108	150
107	136	174	240	**357**	**936**	**357**	240	174	136	107	
104	131	166	224	**323**	**764**	**323**	224	166	131	104	
101	126	157	208	289	**638**	289	208	157	126	101	

42,5 | 9x35 | 42,5 — 400

89	**107**	**129**	**164**	**215**	**329**	**215**	**164**	**129**	**107**	89
94	**114**	**140**	**182**	**247**	**329**	**247**	**182**	**140**	**114**	94
99	**122**	**152**	**203**	**265**	**329**	**265**	**203**	**152**	**122**	**99**
102	**128**	**162**	**217**	**265**	**329**	**265**	**217**	**162**	**128**	**102**
105	**134**	**171**	**217**	**265**	**329**	**265**	**217**	**171**	**134**	**105**
108	**139**	**179**	**217**	**265**	**329**	**265**	**217**	**179**	**139**	**108**
107	**136**	**174**	**217**	**265**	**329**	**265**	**217**	**174**	**136**	**107**
104	**131**	**166**	**217**	**265**	**329**	**265**	**217**	**166**	**131**	**104**
101	**126**	**157**	**208**	**265**	**329**	**265**	**208**	**157**	**126**	**101**

● F max. = 1225 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-45°

94	111	134	167	178	191	178	167	134	111	94	14
100	119	146	186	201	217	201	186	146	119	100	
106	129	159	210	246	267	246	210	159	129	106	
111	136	171	230	**337**	**380**	**337**	230	171	136	111	
115	142	180	247	**374**	**840**	**374**	247	180	142	115	8x17
119	148	190	264	**412**	**1213**	**412**	264	190	148	119	150
117	144	182	248	**372**	**940**	**372**	248	182	144	117	
113	138	173	232	**336**	**766**	**336**	232	173	138	113	
109	132	163	213	296	**630**	296	213	163	132	109	

42,5 | 9x35 | 42,5 — 400

94	**111**	**134**	**167**	**178**	**191**	**178**	**167**	**134**	**111**	94
100	**119**	**146**	**186**	**201**	**217**	**201**	**186**	**146**	**119**	100
106	**129**	**159**	**210**	**246**	**267**	**246**	**210**	**159**	**129**	106
111	**136**	**171**	**230**	**291**	**362**	**291**	**230**	**171**	**136**	**111**
115	**142**	**180**	**235**	**291**	**362**	**291**	**235**	**180**	**142**	**115**
119	**148**	**190**	**235**	**291**	**362**	**291**	**235**	**190**	**148**	**119**
117	**144**	**182**	**235**	**291**	**362**	**291**	**235**	**182**	**144**	**117**
113	**138**	**173**	**232**	**291**	**362**	**291**	**232**	**173**	**138**	**113**
109	**132**	**163**	**213**	**291**	**362**	**291**	**213**	**163**	**132**	**109**

● F max. = 1251 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-50°

97	114	137	169	189	204	189	169	137	114	97	14
103	123	149	189	216	235	216	189	149	123	103	
110	134	165	215	272	298	272	215	165	134	110	
116	142	178	237	**348**	**456**	**348**	237	178	142	116	
121	149	188	255	**388**	**999**	**388**	255	188	149	121	8x17
125	155	198	273	**426**	**1216**	**426**	273	198	155	125	150
122	150	189	255	**384**	**941**	**384**	255	189	150	122	
118	144	179	237	**344**	**764**	**344**	237	179	144	118	
113	136	167	216	300	**619**	300	216	167	136	113	

42,5 | 9x35 | 42,5 — 400

97	114	**137**	**169**	**189**	**204**	**189**	**169**	**137**	114	97
103	123	**149**	**189**	**216**	**235**	**216**	**189**	**149**	123	103
110	**134**	**165**	**215**	**272**	**298**	**272**	**215**	**165**	**134**	110
116	**142**	**178**	**237**	**331**	**414**	**331**	**237**	**178**	**142**	116
121	**149**	**188**	**255**	**331**	**414**	**331**	**255**	**188**	**149**	121
125	**155**	**198**	**263**	**331**	**414**	**331**	**263**	**198**	**155**	**125**
122	**150**	**189**	**255**	**331**	**414**	**331**	**255**	**189**	**150**	122
118	**144**	**179**	**237**	**331**	**414**	**331**	**237**	**179**	**144**	118
113	**136**	**167**	**216**	**300**	**414**	**300**	**216**	**167**	**136**	113

● F max. = 1266 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-55°

103	120	142	157	157	167	157	157	142	120	103	14
110	130	156	172	172	184	172	172	156	130	110	
118	142	174	199	199	215	199	199	174	142	118	
126	153	189	249	252	275	252	249	189	153	126	
131	160	201	269	**408**	**508**	**408**	269	201	160	131	8x17
135	167	212	287	**444**	**1216**	**444**	287	212	167	135	150
132	161	201	267	**398**	**941**	**398**	267	201	161	132	
127	154	189	247	**353**	**756**	**353**	247	189	154	127	
121	144	175	221	302	**607**	302	221	175	144	121	

42,5 | 9x35 | 42,5 — 400

103	120	**142**	**157**	**157**	**167**	**157**	**157**	**142**	120	103
110	130	**156**	**172**	**172**	**184**	**172**	**172**	**156**	130	110
118	**142**	**174**	**199**	**199**	**215**	**199**	**199**	**174**	**142**	118
126	**153**	**189**	**249**	**252**	**275**	**252**	**249**	**189**	**153**	126
131	**160**	**201**	**269**	**369**	**462**	**369**	**269**	**201**	**160**	131
135	**167**	**212**	**287**	**369**	**462**	**369**	**287**	**212**	**167**	135
132	**161**	**201**	**267**	**369**	**462**	**369**	**267**	**201**	**161**	132
127	**154**	**189**	**247**	**353**	**462**	**353**	**247**	**189**	**154**	127
121	**144**	**175**	**221**	**302**	**462**	**302**	**221**	**175**	**144**	121

● F max. = 1287 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-60°

108	125	147	178	181	193	181	178	147	125	108	14
116	137	163	201	201	215	201	201	163	137	116	
126	150	183	232	238	257	238	232	183	150	126	
134	162	200	261	**315**	**346**	**315**	261	200	162	134	
139	170	212	283	**422**	**924**	**422**	283	212	170	139	8x17
144	176	221	**296**	**447**	**1183**	**447**	**296**	221	176	144	150
139	168	209	274	**400**	**921**	**400**	274	209	168	139	
133	160	195	251	**350**	**566**	**350**	251	195	160	133	
125	148	178	222	295	**535**	295	222	178	148	125	

42,5 | 9x35 | 42,5

400

108	125	147	**178**	**181**	**193**	**181**	**178**	147	125	108
116	137	163	**201**	**201**	**215**	**201**	**201**	163	137	116
126	150	**183**	**232**	**238**	**257**	**238**	**232**	**183**	150	126
134	162	**200**	**261**	**315**	**346**	**315**	**261**	**200**	162	134
139	**170**	**212**	**283**	**422**	**547**	**422**	**283**	**212**	**170**	139
144	**176**	**221**	**296**	**430**	**547**	**430**	**296**	**221**	**176**	144
139	**168**	**209**	**274**	**400**	**547**	**400**	**274**	**209**	**168**	139
133	160	**195**	**251**	**350**	**547**	**350**	**251**	**195**	160	133
125	148	**178**	**222**	**295**	**535**	**295**	**222**	**178**	148	125

● F max. = 1298 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-65°

101	116	135	160	170	179	170	160	135	116	101	14
110	128	150	182	183	193	183	182	150	128	110	
120	142	171	206	206	218	206	206	171	142	120	
129	155	189	243	247	**264**	247	243	189	155	129	
136	165	204	**267**	**386**	**463**	**386**	**267**	204	165	136	8x17
141	171	212	**280**	**410**	**1055**	**410**	**280**	212	171	141	150
135	163	200	258	**364**	**814**	**364**	258	200	163	135	
129	153	185	233	**314**	**639**	**314**	233	185	153	129	
120	140	166	203	261	**500**	261	203	166	140	120	

42,5 | 9x35 | 42,5

400

101	116	135	160	170	179	170	160	135	116	101
110	128	150	182	183	**193**	183	182	150	128	110
120	142	171	**206**	**206**	**218**	**206**	**206**	171	142	120
129	155	**189**	**243**	**247**	**264**	**247**	**243**	**189**	155	129
136	165	**204**	**267**	**386**	**463**	**386**	**267**	**204**	165	136
141	171	**212**	**280**	**410**	**625**	**410**	**280**	**212**	171	141
135	163	**200**	**258**	**364**	**625**	**364**	**258**	**200**	163	135
129	153	185	**233**	**314**	**625**	**314**	**233**	185	153	129
120	140	166	**203**	**261**	**500**	**261**	**203**	166	140	120

● F max. = 1160 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-0°

53	71	92	117	161	376	161	117	92	71	53	14
55	74	96	124	175	421	175	124	96	74	55	
56	76	101	131	188	482	188	131	101	76	56	
57	78	104	138	203	565	203	138	104	78	57	
58	80	108	145	218	682	218	145	108	80	58	8x17
59	80	108	143	213	624	213	143	108	80	59	150
57	78	104	137	199	526	199	137	104	78	57	
56	77	100	130	185	455	185	130	100	77	56	
55	74	96	123	172	400	172	123	96	74	55	

42,5 | 9x35 | 42,5

400

53	71	80	89	101	117	101	89	80	71	53
55	71	79	89	101	117	101	89	79	71	55
56	71	79	89	101	117	101	89	79	71	56
57	71	79	89	101	117	101	89	79	71	57
58	71	79	89	101	117	101	89	79	71	58
59	71	79	89	101	117	101	89	79	71	59
57	71	79	89	101	117	101	89	79	71	57
56	71	79	89	101	117	101	89	79	71	56
55	71	79	89	101	113	101	89	79	71	55

- F max. = 723 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-5°

55	73	96	122	167	390	167	122	96	73	55	14
56	75	100	128	184	443	184	128	100	75	56	
57	77	104	137	200	514	200	137	104	77	57	
59	80	109	144	216	612	216	144	109	80	59	
59	82	113	152	233	758	233	152	113	82	59	8x17
59	81	113	149	225	669	225	149	113	81	59	150
59	80	108	142	209	555	209	142	108	80	59	
57	77	104	134	194	474	194	134	104	77	57	
56	75	99	127	179	413	179	127	99	75	56	

42,5 | 9x35 | 42,5

400

55	73	84	95	109	128	109	95	84	73	55
56	74	84	95	109	128	109	95	84	74	56
57	74	84	95	109	128	109	95	84	74	57
59	74	84	95	109	128	109	95	84	74	59
59	74	84	95	109	128	109	95	84	74	59
59	74	84	95	109	128	109	95	84	74	59
59	74	84	95	109	128	109	95	84	74	59
57	74	84	95	109	128	109	95	84	74	57
56	74	84	95	109	128	109	95	84	74	56

- F max. = 798 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-10°

55	72	93	117	157	358	157	117	93	72	55	14
56	74	98	125	176	410	176	125	98	74	56	
58	77	103	133	194	474	194	133	103	77	58	
59	80	107	141	210	559	210	141	107	80	59	
60	82	112	149	227	680	227	149	112	82	60	
62	84	116	155	238	746	238	155	116	84	62	8x17
60	82	111	146	221	605	221	146	111	82	60	150
59	80	107	139	204	508	204	139	107	80	59	
58	77	102	131	188	438	188	131	102	77	58	

42,5 | 9x35 | 42,5

400

55	72	90	103	118	140	118	103	90	72	55
56	74	90	102	118	140	118	102	90	74	56
58	77	90	102	118	140	118	102	90	77	58
59	78	90	102	118	140	118	102	90	78	59
60	78	90	102	118	140	118	102	90	78	60
62	78	90	102	118	140	118	102	90	78	62
60	78	90	102	118	140	118	102	90	78	60
59	78	90	102	118	140	118	102	90	78	59
58	77	90	102	118	140	118	102	90	77	58

- F max. = 803 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-15°

56	73	92	119	158	353	158	119	92	73	56	14
58	77	98	127	177	410	177	127	98	77	58	
59	80	103	135	194	476	194	135	103	80	59	
61	82	108	144	212	564	212	144	108	82	61	
62	84	113	152	230	692	230	152	113	84	62	8x17
64	86	116	158	239	752	239	158	116	86	64	150
62	84	112	149	221	605	221	149	112	84	62	
62	82	107	141	204	507	204	141	107	82	62	
60	80	102	133	187	436	187	133	102	80	60	

42,5 | 9x35 | 42,5

400

56	73	92	110	128	152	128	110	92	73	56
58	77	95	110	127	152	127	110	95	77	58
59	80	95	109	127	152	127	109	95	80	59
61	82	95	109	127	152	127	109	95	82	61
62	82	95	109	127	152	127	109	95	82	62
64	82	95	109	127	152	127	109	95	82	64
62	82	95	109	127	152	127	109	95	82	62
62	82	95	109	127	152	127	109	95	82	62
60	80	95	109	127	152	127	109	95	80	60

- F max. = 816 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-20°

56	71	87	110	142	**302**	142	110	87	71	56
58	74	93	121	160	**355**	160	121	93	74	58
60	78	99	131	180	**420**	180	131	99	78	60
62	82	105	140	**198**	**491**	**198**	140	105	82	62
63	85	110	149	**217**	**584**	**217**	149	110	85	63
65	87	115	158	**236**	**723**	**236**	158	115	87	65
66	89	118	162	**242**	**749**	**242**	162	118	89	66
65	86	113	154	**224**	**604**	**224**	154	113	86	65
63	84	108	145	**205**	**506**	**205**	145	108	84	63

14 · 8x17 · 150

42,5 · 9x35 · 42,5 · 400

56	71	87	110	140	**167**	140	110	87	71	56
58	74	93	119	139	**167**	139	119	93	74	58
60	78	99	119	138	**167**	138	119	99	78	60
62	82	101	118	138	**167**	138	118	101	82	62
63	85	101	118	138	**167**	138	118	101	85	63
65	87	101	118	138	**167**	138	118	101	87	65
66	87	101	118	138	**167**	138	118	101	87	66
65	86	101	118	138	**167**	138	118	101	86	65
63	84	101	118	138	**167**	138	118	101	84	63

● F max. = 836 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-25°

58	72	89	111	143	**273**	143	111	89	72	58
60	77	95	122	164	**356**	164	122	95	77	60
62	81	102	137	185	**428**	185	137	102	81	62
65	85	109	147	**206**	**506**	**206**	147	109	85	65
66	89	114	158	**227**	**606**	**227**	158	114	89	66
68	91	119	167	**248**	**758**	**248**	167	119	91	68
69	92	122	170	**253**	**765**	**253**	170	122	92	69
68	90	116	161	**232**	**613**	**232**	161	116	90	68
66	87	111	151	**212**	**512**	**212**	151	111	87	66

14 · 8x17 · 150

42,5 · 9x35 · 42,5 · 400

58	72	89	111	143	**182**	143	111	89	72	58
60	77	95	122	150	**182**	150	122	95	77	60
62	81	102	128	149	**182**	149	128	102	81	62
65	85	107	127	149	**182**	149	127	107	85	65
66	89	107	127	149	**182**	149	127	107	89	66
68	91	107	127	149	**182**	149	127	107	91	68
69	92	107	127	149	**182**	149	127	107	92	69
68	90	107	127	149	**182**	149	127	107	90	68
66	87	107	127	149	**182**	149	127	107	87	66

● F max. = 863 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-30°

60	74	90	116	149	**305**	149	116	90	74	60
62	78	97	128	169	**364**	169	128	97	78	62
65	83	104	141	191	**440**	191	141	104	83	65
68	87	111	152	**214**	**521**	**214**	152	111	87	68
69	91	117	164	**236**	**629**	**236**	164	117	91	69
71	94	122	174	**259**	**792**	**259**	174	122	94	71
72	95	124	176	**258**	**751**	**258**	176	124	95	72
71	92	119	165	**236**	**605**	**236**	165	119	92	71
69	89	113	155	**215**	**507**	**215**	155	113	89	69

14 · 8x17 · 150

42,5 · 9x35 · 42,5 · 400

60	74	90	116	149	**201**	149	116	90	74	60
62	78	97	128	165	**201**	165	128	97	78	62
65	83	104	139	164	**201**	164	139	104	83	65
68	87	111	139	164	**201**	164	139	111	87	68
69	91	115	139	164	**201**	164	139	115	91	69
71	94	115	139	164	**201**	164	139	115	94	71
72	95	115	139	164	**201**	164	139	115	95	72
71	92	115	139	164	**201**	164	139	115	92	71
69	89	113	139	164	**201**	164	139	113	89	69

● F max. = 881 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-35°

63	77	92	118	152	**197**	152	118	92	77	63
66	81	100	130	173	**233**	173	130	100	81	66
69	87	108	144	199	**308**	199	144	108	87	69
72	92	116	158	**224**	**503**	**224**	158	116	92	72
74	95	122	170	**248**	**650**	**248**	170	122	95	74
76	99	128	181	**274**	**827**	**274**	181	128	99	76
77	100	128	180	**269**	**755**	**269**	180	128	100	77
75	97	123	169	**245**	**608**	**245**	169	123	97	75
74	93	117	158	**221**	**509**	**221**	158	117	93	74

14 · 8x17 · 150

42,5 · 9x35 · 42,5 · 400

63	77	92	118	152	**197**	152	118	92	77	63
66	81	100	130	173	**220**	173	130	100	81	66
69	87	108	144	179	**220**	179	144	108	87	69
72	92	116	149	179	**220**	179	149	116	92	72
74	95	122	149	179	**220**	179	149	122	95	74
76	99	123	149	179	**220**	179	149	123	99	76
77	100	123	149	179	**220**	179	149	123	100	77
75	97	123	149	179	**220**	179	149	123	97	75
74	93	117	149	179	**220**	179	149	117	93	74

● F max. = 905 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-40°

67	80	97	123	161	**287**	161	123	97	80	67	14
71	86	105	137	185	**354**	185	137	105	86	71	
74	92	114	152	213	**482**	213	152	114	92	74	
77	96	122	166	**240**	**579**	**240**	166	122	96	77	
79	101	128	178	**266**	**714**	**266**	178	128	101	79	8x17
81	104	134	190	**293**	**906**	**293**	190	134	104	81	150
80	102	131	180	**268**	**702**	**268**	180	131	102	80	
78	98	125	168	**242**	**573**	**242**	168	125	98	78	
76	95	118	156	217	**479**	217	156	118	95	76	

42,5 | 9x35 | 42,5 — 400

67	80	97	123	161	**247**	161	123	97	80	67
71	86	105	137	185	**247**	185	137	105	86	71
74	92	114	152	199	**247**	199	152	114	92	74
77	96	122	163	199	**247**	199	163	122	96	77
79	101	128	163	199	**247**	199	163	128	101	79
81	104	134	163	199	**247**	199	163	134	104	81
80	102	131	163	199	**247**	199	163	131	102	80
78	98	125	163	199	**247**	199	163	125	98	78
76	95	118	156	199	**247**	199	156	118	95	76

● F max. = 919 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-45°

71	83	101	125	134	143	134	125	101	83	71	14
75	89	110	140	151	163	151	140	110	89	75	
80	97	119	158	185	200	185	158	119	97	80	
83	102	128	173	**253**	**285**	**253**	173	128	102	83	
86	107	135	185	**281**	**630**	**281**	185	135	107	86	8x17
89	111	143	198	**309**	**910**	**309**	198	143	111	89	150
88	108	137	186	**279**	**705**	**279**	186	137	108	88	
85	104	130	174	**252**	**575**	**252**	174	130	104	85	
82	99	122	160	222	**473**	222	160	122	99	82	

42,5 | 9x35 | 42,5 — 400

71	83	101	125	134	143	134	125	101	83	71
75	89	110	140	151	163	151	140	110	89	75
80	97	119	158	185	200	185	158	119	97	80
83	102	128	173	218	**272**	218	173	128	102	83
86	107	135	176	218	**272**	218	176	135	107	86
89	111	143	176	218	**272**	218	176	143	111	89
88	108	137	176	218	**272**	218	176	137	108	88
85	104	130	174	218	**272**	218	174	130	104	85
82	99	122	160	218	**272**	218	160	122	99	82

● F max. = 938 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-50°

73	86	103	127	142	153	142	127	103	86	73	14
77	92	112	142	162	176	162	142	112	92	77	
83	101	124	161	204	224	204	161	124	101	83	
87	107	134	178	**261**	**342**	**261**	178	134	107	87	
91	112	141	191	**291**	**749**	**291**	191	141	112	91	8x17
94	116	149	205	**320**	**912**	**320**	205	149	116	94	150
92	113	142	191	**288**	**706**	**288**	191	142	113	92	
89	108	134	178	**258**	**573**	**258**	178	134	108	89	
85	102	125	162	225	**464**	225	162	125	102	85	

42,5 | 9x35 | 42,5 — 400

73	86	103	127	142	153	142	127	103	86	73
77	92	112	142	162	176	162	142	112	92	77
83	101	124	161	204	224	204	161	124	101	83
87	107	134	178	248	311	248	178	134	107	87
91	112	141	191	248	311	248	191	141	112	91
94	116	149	197	248	311	248	197	149	116	94
92	113	142	191	248	311	248	191	142	113	92
89	108	134	178	248	311	248	178	134	108	89
85	102	125	162	225	311	225	162	125	102	85

● F max. = 950 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-55°

77	90	107	118	118	125	118	118	107	90	77	14
83	98	117	129	129	138	129	129	117	98	83	
89	107	131	149	149	161	149	149	131	107	89	
95	115	142	187	189	206	189	187	142	115	95	
98	120	151	202	**306**	**381**	**306**	202	151	120	98	8x17
101	125	159	215	**333**	**912**	**333**	215	159	125	101	150
99	121	151	200	**299**	**706**	**299**	200	151	121	99	
95	116	142	185	**265**	**567**	**265**	185	142	116	95	
91	108	131	166	227	**455**	227	166	131	108	91	

42,5 | 9x35 | 42,5 — 400

77	90	107	118	118	125	118	118	107	90	77
83	98	117	129	129	138	129	129	117	98	83
89	107	131	149	149	161	149	149	131	107	89
95	115	142	187	189	206	189	187	142	115	95
98	120	151	202	277	347	277	202	151	120	98
101	125	159	215	277	347	277	215	159	125	101
99	121	151	200	277	347	277	200	151	121	99
95	116	142	185	265	347	265	185	142	116	95
91	108	131	166	227	347	227	166	131	108	91

● F max. = 965 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0400-60°

81	94	110	134	136	145	136	134	110	94	81	14
87	103	122	151	151	161	151	151	122	103	87	
95	113	137	174	179	193	179	174	137	113	95	
101	122	150	196	**236**	**260**	**236**	196	150	122	101	
104	128	159	212	**317**	**693**	**317**	212	159	128	104	8x17
108	132	166	**222**	**335**	**887**	**335**	**222**	166	132	108	
104	126	157	206	**300**	**691**	**300**	206	157	126	104	
100	120	146	188	**263**	**425**	**263**	188	146	120	100	
94	111	134	167	221	**401**	221	167	134	111	94	150

42,5 | 9x35 | 42,5

400

81	94	110	**134**	**136**	**145**	**136**	**134**	110	94	81
87	103	122	**151**	**151**	**161**	**151**	**151**	122	103	87
95	113	**137**	**174**	**179**	**193**	**179**	**174**	**137**	113	95
101	122	**150**	**196**	**236**	**260**	**236**	**196**	**150**	122	101
104	**128**	**159**	**212**	**317**	**410**	**317**	**212**	**159**	**128**	104
108	**132**	**166**	**222**	**323**	**410**	**323**	**222**	**166**	**132**	108
104	**126**	**157**	**206**	**300**	**410**	**300**	**206**	**157**	**126**	104
100	120	**146**	**188**	**263**	**410**	**263**	**188**	**146**	120	100
94	111	**134**	**167**	**221**	**401**	**221**	**167**	**134**	111	94

- F max. = 974 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0400-65°

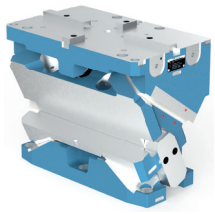
76	87	101	120	128	134	128	120	101	87	76	14
83	96	113	137	137	145	137	137	113	96	83	
90	107	128	155	155	164	155	155	128	107	90	
97	116	142	182	185	**198**	185	182	142	116	97	
102	124	153	**200**	**290**	**347**	**290**	**200**	153	124	102	8x17
106	128	159	**210**	**308**	**791**	**308**	**210**	159	128	106	
101	122	150	194	**273**	**611**	**273**	194	150	122	101	
97	115	139	175	**236**	**479**	**236**	175	139	115	97	
90	105	125	152	196	**375**	196	152	125	105	90	150

42,5 | 9x35 | 42,5

400

76	87	101	120	128	134	128	120	101	87	76
83	96	113	137	137	**145**	137	137	113	96	83
90	107	128	**155**	**155**	**164**	**155**	**155**	128	107	90
97	116	**142**	**182**	**185**	**198**	**185**	**182**	**142**	116	97
102	124	**153**	**200**	**290**	**347**	**290**	**200**	**153**	124	102
106	128	**159**	**210**	**308**	**469**	**308**	**210**	**159**	128	106
101	122	**150**	**194**	**273**	**469**	**273**	**194**	**150**	122	101
97	115	139	**175**	**236**	**469**	**236**	**175**	139	115	97
90	105	125	**152**	**196**	**375**	**196**	**152**	125	105	90

- F max. = 870 kN
(1.000.000 Hub/Stroke/Course)

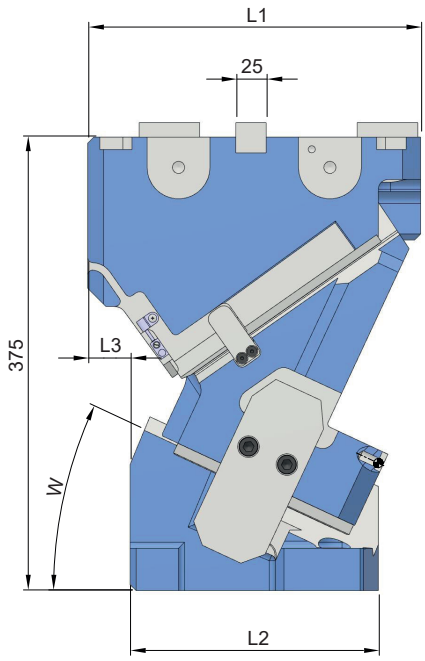


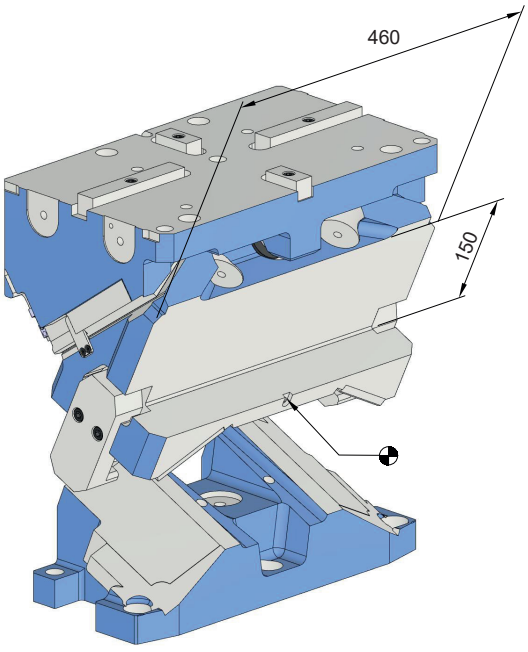
SN5650-PMOKL-0460-

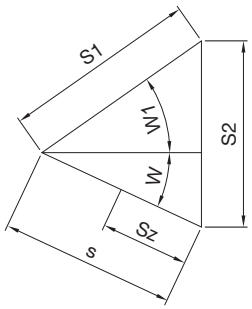
Oben hängender Kompakt-L-Schieber

Compact-L aerial standard cam

Arbeitsfläche	*Working area*	460 x 150 mm
Schieberbreite max.	*Cam unit width max.*	460 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1029 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



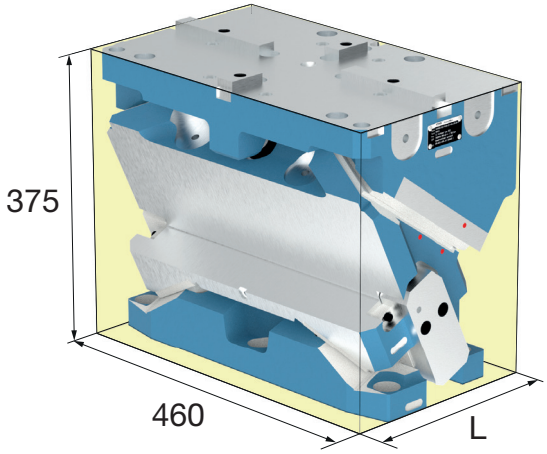
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOKL-0460-

Oben hängender Kompakt-L-Schieber



E0



E1



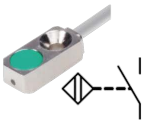
G0



S0



S1

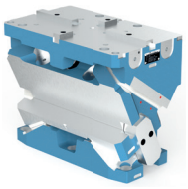


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

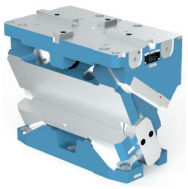
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E0-G0-S0-V04
0°	E0	G0	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E0-G0-S1-V04
0°	E0	G1	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E0-G1-S0-V04
0°	E0	G1	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E0-G1-S1-V04
0°	E1	G0	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E1-G0-S0-V04
0°	E1	G0	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E1-G0-S1-V04
0°	E1	G1	S0	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E1-G1-S0-V04
0°	E1	G1	S1	285	47	35.5	52	38	20.4	285	240	35	SN5650-PMOKL-0460-00-E1-G1-S1-V04
5°	E0	G0	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E0-G0-S0-V04
5°	E0	G0	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E0-G0-S1-V04
5°	E0	G1	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E0-G1-S0-V04
5°	E0	G1	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E0-G1-S1-V04
5°	E1	G0	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E1-G0-S0-V04
5°	E1	G0	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E1-G0-S1-V04
5°	E1	G1	S0	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E1-G1-S0-V04
5°	E1	G1	S1	285	45	36.9	52	40	20.4	285	240	35	SN5650-PMOKL-0460-05-E1-G1-S1-V04
10°	E0	G0	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E0-G0-S0-V04
10°	E0	G0	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E0-G0-S1-V04
10°	E0	G1	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E0-G1-S0-V04
10°	E0	G1	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E0-G1-S1-V04
10°	E1	G0	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E1-G0-S0-V04
10°	E1	G0	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E1-G0-S1-V04
10°	E1	G1	S0	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E1-G1-S0-V04
10°	E1	G1	S1	285	42	39.2	52	41.6	21.4	285	220	45	SN5650-PMOKL-0460-10-E1-G1-S1-V04
15°	E0	G0	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E0-G0-S0-V04
15°	E0	G0	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E0-G0-S1-V04
15°	E0	G1	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E0-G1-S0-V04
15°	E0	G1	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E0-G1-S1-V04
15°	E1	G0	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E1-G0-S0-V04
15°	E1	G0	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E1-G0-S1-V04
15°	E1	G1	S0	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E1-G1-S0-V04
15°	E1	G1	S1	285	40	41.2	52	44.1	21.4	285	220	45	SN5650-PMOKL-0460-15-E1-G1-S1-V04
20°	E0	G0	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E0-G0-S0-V04
20°	E0	G0	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E0-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G1	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E0-G1-S0-V04
20°	E0	G1	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E0-G1-S1-V04
20°	E1	G0	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E1-G0-S0-V04
20°	E1	G0	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E1-G0-S1-V04
20°	E1	G1	S0	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E1-G1-S0-V04
20°	E1	G1	S1	275	37	44.2	52	46.4	26.4	275	205	35	SN5650-PMOKL-0460-20-E1-G1-S1-V04
25°	E0	G0	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E0-G0-S0-V04
25°	E0	G0	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E0-G0-S1-V04
25°	E0	G1	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E0-G1-S0-V04
25°	E0	G1	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E0-G1-S1-V04
25°	E1	G0	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E1-G0-S0-V04
25°	E1	G0	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E1-G0-S1-V04
25°	E1	G1	S0	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E1-G1-S0-V04
25°	E1	G1	S1	275	35	47	52	49.7	26.4	275	205	35	SN5650-PMOKL-0460-25-E1-G1-S1-V04
30°	E0	G0	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E0-G0-S0-V04
30°	E0	G0	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E0-G0-S1-V04
30°	E0	G1	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E0-G1-S0-V04
30°	E0	G1	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E0-G1-S1-V04
30°	E1	G0	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E1-G0-S0-V04
30°	E1	G0	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E1-G0-S1-V04
30°	E1	G1	S0	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E1-G1-S0-V04
30°	E1	G1	S1	285	32	50.9	52	53	36.4	285	190	25	SN5650-PMOKL-0460-30-E1-G1-S1-V04
35°	E0	G0	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E0-G0-S0-V04
35°	E0	G0	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E0-G0-S1-V04
35°	E0	G1	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E0-G1-S0-V04
35°	E0	G1	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E0-G1-S1-V04
35°	E1	G0	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E1-G0-S0-V04
35°	E1	G0	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E1-G0-S1-V04
35°	E1	G1	S0	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E1-G1-S0-V04
35°	E1	G1	S1	285	30	49.7	47	52	36.4	285	190	25	SN5650-PMOKL-0460-35-E1-G1-S1-V04
40°	E0	G0	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E0-G0-S0-V04
40°	E0	G0	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E0-G0-S1-V04
40°	E0	G1	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E0-G1-S0-V04
40°	E0	G1	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E0-G1-S1-V04
40°	E1	G0	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E1-G0-S0-V04
40°	E1	G0	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E1-G0-S1-V04
40°	E1	G1	S0	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E1-G1-S0-V04
40°	E1	G1	S1	290	27	54.7	47	56.5	41.4	290	185	0	SN5650-PMOKL-0460-40-E1-G1-S1-V04
45°	E0	G0	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E0-G0-S0-V04
45°	E0	G0	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E0-G0-S1-V04
45°	E0	G1	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E0-G1-S0-V04
45°	E0	G1	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E0-G1-S1-V04
45°	E1	G0	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E1-G0-S0-V04
45°	E1	G0	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E1-G0-S1-V04
45°	E1	G1	S0	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E1-G1-S0-V04
45°	E1	G1	S1	290	25	60.2	47	62.5	41.4	290	185	0	SN5650-PMOKL-0460-45-E1-G1-S1-V04
50°	E0	G0	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E0-G0-S0-V04
50°	E0	G0	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E0-G0-S1-V04
50°	E0	G1	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E0-G1-S0-V04
50°	E0	G1	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E0-G1-S1-V04
50°	E1	G0	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E1-G0-S0-V04
50°	E1	G0	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E1-G0-S1-V04
50°	E1	G1	S0	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E1-G1-S0-V04
50°	E1	G1	S1	295	22	67.8	47	69.5	46.4	290	165	5	SN5650-PMOKL-0460-50-E1-G1-S1-V04
55°	E0	G0	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E0-G0-S0-V04

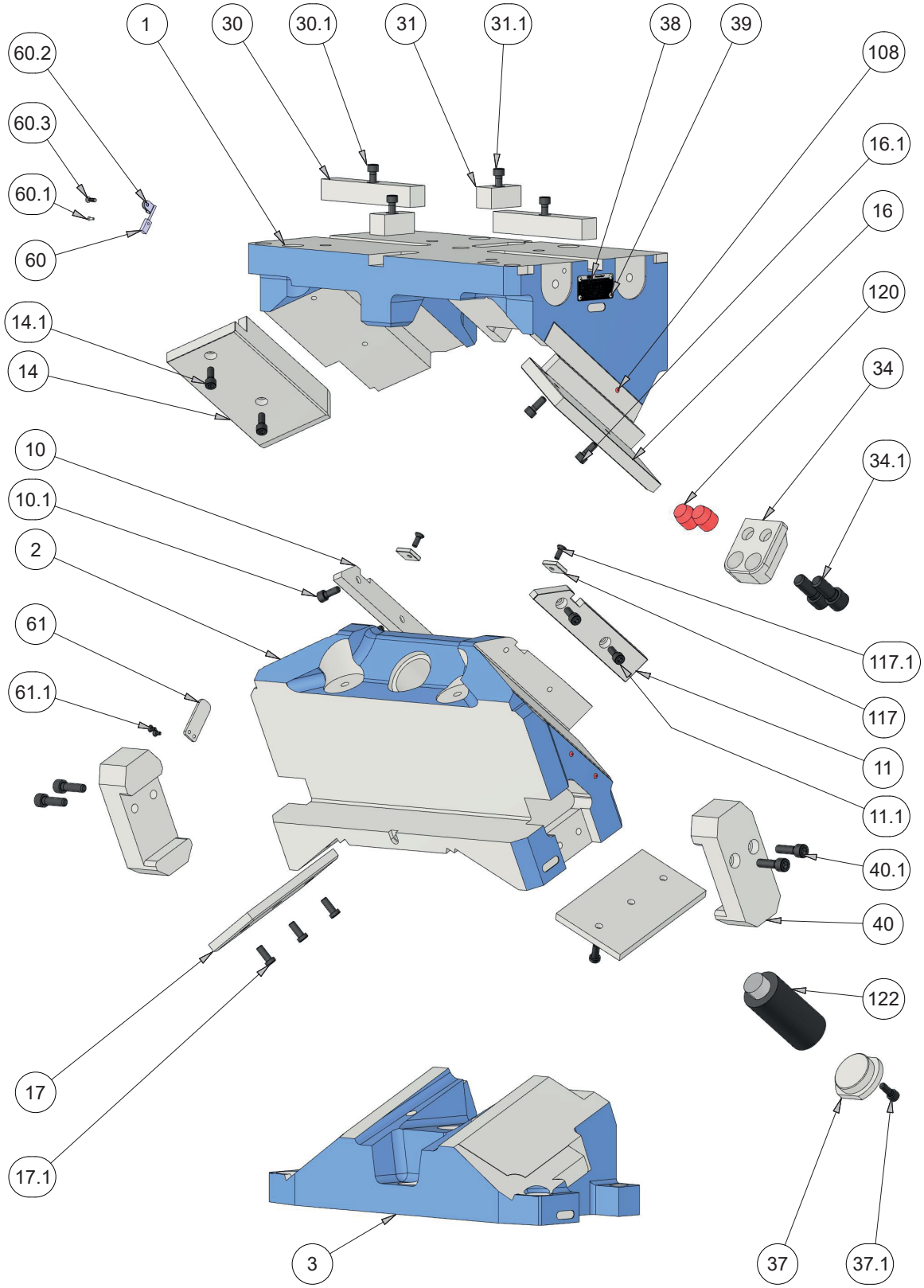
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W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
55°	E0	G0	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E0-G0-S1-V04
55°	E0	G1	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E0-G1-S0-V04
55°	E0	G1	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E0-G1-S1-V04
55°	E1	G0	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E1-G0-S0-V04
55°	E1	G0	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E1-G0-S1-V04
55°	E1	G1	S0	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E1-G1-S0-V04
55°	E1	G1	S1	295	20	68.8	42	70.7	46.4	290	165	5	SN5650-PMOKL-0460-55-E1-G1-S1-V04
60°	E0	G0	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E0-G0-S0-V04
60°	E0	G0	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E0-G0-S1-V04
60°	E0	G1	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E0-G1-S0-V04
60°	E0	G1	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E0-G1-S1-V04
60°	E1	G0	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E1-G0-S0-V04
60°	E1	G0	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E1-G0-S1-V04
60°	E1	G1	S0	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E1-G1-S0-V04
60°	E1	G1	S1	300	17	70.8	37	72.1	46.4	300	155	20	SN5650-PMOKL-0460-60-E1-G1-S1-V04
65°	E0	G0	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E0-G0-S0-V04
65°	E0	G0	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E0-G0-S1-V04
65°	E0	G1	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E0-G1-S0-V04
65°	E0	G1	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E0-G1-S1-V04
65°	E1	G0	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E1-G0-S0-V04
65°	E1	G0	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E1-G0-S1-V04
65°	E1	G1	S0	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E1-G1-S0-V04
65°	E1	G1	S1	300	15	73.1	32	74.6	46.4	300	155	20	SN5650-PMOKL-0460-65-E1-G1-S1-V04

SN5650-PMOKL-0460-

Bauteile
Components



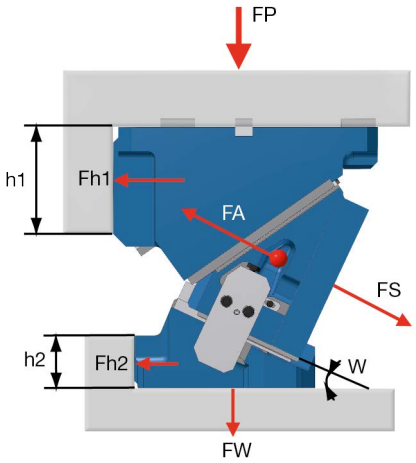
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOKL-0460-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1029	972	1029	972	0	150	50	54
05°	1078	1007	994	913	80	145	50	59
10°	1110	1058	941	866	153	140	80	66
15°	1154	1090	903	791	212	140	80	73
20°	1182	1136	844	732	266	125	100	78
25°	1221	1165	804	649	302	125	100	80
30°	1246	1206	743	583	336	130	100	82
35°	1279	1230	700	497	348	130	120	82
40°	1299	1265	634	430	361	140	140	75
45°	1327	1287	590	348	348	140	140	77
50°	1343	1316	522	287	342	140	150	71
55°	1365	1333	476	215	307	140	160	74
60°	1377	1356	405	164	283	150	170	68
65°	1392	1369	357	108	231	150	180	69



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	751	713	751	713	0	150	50	54
05°	787	738	725	670	59	145	50	59
10°	810	776	686	635	112	140	80	66
15°	842	799	658	581	156	140	80	73
20°	863	832	615	537	195	125	100	78
25°	891	853	586	476	222	125	100	80
30°	910	883	541	428	247	130	100	82
35°	934	900	509	365	256	130	120	82
40°	948	926	461	316	265	140	140	75
45°	969	941	429	256	256	140	140	77
50°	980	962	379	211	251	140	150	71
55°	996	975	345	159	227	140	160	71
60°	1005	991	293	121	209	150	170	68
65°	1016	1001	259	80	171	150	180	69

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-0°

71	89	117	153	225	**521**	225	153	117	89	71	14
73	92	122	163	242	**591**	242	163	122	92	73	
75	95	127	172	**261**	**691**	**261**	172	127	95	75	
77	98	132	181	**281**	**834**	**281**	181	132	98	77	
78	100	137	190	**301**	**1010**	**301**	190	137	100	78	
78	99	133	182	**281**	**811**	**281**	182	133	99	78	
76	96	129	173	**261**	**677**	**261**	173	129	96	76	
74	93	123	164	243	**581**	243	164	123	93	74	
72	90	118	154	224	**509**	224	154	118	90	72	

8x17 / 150

2x45 | 7x40 | 2x45

460

63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63
63	75	90	105	126	**156**	126	105	90	75	63

● F max. = 1029 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-5°

73	91	119	159	227	**536**	227	159	119	91	73	14
75	94	124	169	247	**610**	247	169	124	94	75	
77	98	130	180	**268**	**718**	**268**	180	130	98	77	
79	100	135	190	**289**	**872**	**289**	190	135	100	79	
81	103	140	200	**310**	**1048**	**310**	200	140	103	81	
80	101	136	190	**287**	**835**	**287**	190	136	101	80	
78	98	131	180	**266**	**694**	**266**	180	131	98	78	
76	95	125	170	246	**594**	246	170	125	95	76	
74	92	120	159	225	**517**	225	159	120	92	74	

8x17 / 150

2x45 | 7x40 | 2x45

460

65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65
65	77	93	112	135	**170**	135	112	93	77	65

● F max. = 1078 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-10°

72	89	114	153	211	**475**	211	153	114	89	72	14
74	92	120	163	229	**546**	229	163	120	92	74	
77	96	126	175	251	**632**	251	175	126	96	77	
79	100	132	186	**274**	**749**	**274**	186	132	100	79	
81	103	137	197	**297**	**919**	**297**	197	137	103	81	
83	105	142	205	**313**	**1041**	**313**	205	142	105	83	
81	103	137	195	**290**	**832**	**290**	195	137	103	81	
80	100	132	184	**268**	**692**	**268**	184	132	100	80	
78	97	126	173	246	**593**	246	173	126	97	78	

8x17 / 150

2x45 | 7x40 | 2x45

460

68	81	98	121	146	**186**	146	121	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68
68	81	98	120	146	**186**	146	120	98	81	68

● F max. = 1110 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-15°

74	91	116	156	211	**478**	211	156	116	91	74	14
77	95	123	169	232	**556**	232	169	123	95	77	
80	99	130	182	257	**650**	257	182	130	99	80	
82	103	136	194	**283**	**774**	**283**	194	136	103	82	
84	106	141	205	**308**	**956**	**308**	205	141	106	84	
86	109	146	214	**324**	**1072**	**324**	214	146	109	86	
84	106	141	203	**298**	**851**	**298**	203	141	106	84	
82	103	135	191	**274**	**706**	**274**	191	135	103	82	
80	100	129	179	249	**602**	249	179	129	100	80	

8x17 / 150

2x45 | 7x40 | 2x45

460

70	84	102	128	157	**202**	157	128	102	84	70
70	84	102	128	157	**202**	157	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70
70	84	102	128	156	**202**	156	128	102	84	70

● F max. = 1154 kN
(500.000 Hub/Stroke/Course)

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SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-20°

72	88	110	144	190	**402**	190	144	110	88	72	14
76	93	117	157	213	**477**	213	157	117	93	76	
79	97	125	171	239	**568**	239	171	125	97	79	
82	102	133	185	266	**669**	266	185	133	102	82	
84	106	139	198	**293**	**802**	**293**	198	139	106	84	8x17
86	109	145	209	**320**	**999**	**320**	209	145	109	86	
87	112	149	216	**332**	**1068**	**332**	216	149	112	87	
87	109	143	204	**305**	**849**	**305**	204	143	109	87	
84	105	138	193	**279**	**704**	**279**	193	138	105	84	150

2x45 | 7x40 | 2x45

460

72	88	108	136	172	**222**	172	136	108	88	72
74	88	108	136	171	**222**	171	136	108	88	74
74	88	108	136	170	**222**	170	136	108	88	**74**
74	88	108	136	170	**222**	170	136	108	88	**74**
74	88	108	136	170	**222**	170	136	108	88	**74**
74	88	108	136	170	**222**	170	136	108	88	**74**
74	88	108	136	170	**222**	170	136	108	88	**74**
74	88	108	136	170	**222**	170	136	108	88	**74**

● F max. = 1182 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-25°

75	90	112	144	193	**398**	193	144	112	90	75	14
79	96	120	159	218	**478**	218	159	120	96	79	
82	101	129	175	247	**578**	247	175	129	101	82	
85	106	137	190	**278**	**688**	**278**	190	137	106	85	
86	110	144	203	**307**	**829**	**307**	203	144	110	86	8x17
86	114	150	216	**337**	**1042**	**337**	216	150	114	86	
86	117	154	221	**347**	**1084**	**347**	221	154	117	86	
86	113	148	209	**317**	**859**	**317**	209	148	113	86	
86	110	142	196	**288**	**711**	**288**	196	142	110	86	150

2x45 | 7x40 | 2x45

460

75	**90**	**112**	**143**	**186**	**242**	**186**	**143**	**112**	**90**	75
77	**92**	**113**	**143**	**185**	**242**	**185**	**143**	**113**	**92**	77
77	**92**	**113**	**143**	**183**	**242**	**183**	**143**	**113**	**92**	77
77	**92**	**113**	**143**	**183**	**242**	**183**	**143**	**113**	**92**	**77**
77	**92**	**113**	**143**	**183**	**242**	**183**	**143**	**113**	**92**	**77**
77	**92**	**113**	**143**	**183**	**242**	**183**	**143**	**113**	**92**	**77**
77	**92**	**113**	**143**	**183**	**242**	**183**	**143**	**113**	**92**	**77**
77	**92**	**113**	**143**	**183**	**242**	**183**	**143**	**113**	**92**	**77**

● F max. = 1221 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-30°

77	92	114	146	196	**400**	196	146	114	92	77	14
81	98	123	161	223	**485**	223	161	123	98	81	
85	104	132	178	254	**591**	254	178	132	104	85	
88	110	141	194	**288**	**711**	**288**	194	141	110	88	
90	114	149	208	**320**	**862**	**320**	208	149	114	90	8x17
90	118	155	221	**352**	**1096**	**352**	221	155	118	90	
90	120	158	225	**355**	**1067**	**355**	225	158	120	90	
90	116	152	212	**323**	**848**	**323**	212	152	116	90	
90	113	145	199	**293**	**703**	**293**	199	145	113	90	150

2x45 | 7x40 | 2x45

460

77	92	**114**	**146**	**196**	**268**	**196**	**146**	**114**	92	77
81	**98**	**121**	**154**	**203**	**268**	**203**	**154**	**121**	**98**	81
82	**98**	**121**	**154**	**201**	**268**	**201**	**154**	**121**	**98**	82
82	**98**	**121**	**154**	**200**	**268**	**200**	**154**	**121**	**98**	82
82	**98**	**121**	**154**	**200**	**268**	**200**	**154**	**121**	**98**	82
82	**98**	**121**	**154**	**200**	**268**	**200**	**154**	**121**	**98**	**82**
82	**98**	**121**	**154**	**200**	**268**	**200**	**154**	**121**	**98**	**82**
82	**98**	**121**	**154**	**200**	**268**	**200**	**154**	**121**	**98**	**82**
82	**98**	**121**	**154**	**200**	**268**	**200**	**154**	**121**	**98**	82

● F max. = 1246 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-35°

80	95	117	148	199	**395**	199	148	117	95	80	14
84	102	127	164	228	**484**	228	164	127	102	84	
89	109	138	183	264	**598**	264	183	138	109	89	
93	115	148	201	**302**	**728**	**302**	201	148	115	93	
93	120	156	216	**337**	**892**	**337**	216	156	120	93	8x17
93	125	163	230	**373**	**1144**	**373**	230	163	125	93	
93	126	165	232	**370**	**1072**	**370**	232	165	126	93	
93	122	158	218	**336**	**852**	**336**	218	158	122	93	
93	118	151	204	**302**	**702**	**302**	204	151	118	93	150

2x45 | 7x40 | 2x45

460

80	95	**117**	**148**	**199**	**293**	**199**	**148**	**117**	95	80
84	**102**	**127**	**163**	**221**	**293**	**221**	**163**	**127**	**102**	84
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87
87	**104**	**128**	**163**	**218**	**293**	**218**	**163**	**128**	**104**	87

● F max. = 1279 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-40°

84	100	123	155	211	**421**	211	155	123	100	84	14
89	108	134	173	244	**519**	244	173	134	108	89	8x17
94	115	146	193	282	**643**	282	193	146	115	94	150
98	122	156	212	**325**	**790**	**325**	212	156	122	98	
98	127	164	228	**362**	**982**	**362**	228	164	127	98	
98	131	172	243	**401**	**1296**	**401**	243	172	131	98	
98	130	168	233	**369**	**991**	**369**	233	168	130	98	
98	125	160	218	**333**	**799**	**333**	218	160	125	98	
98	120	152	201	293	**654**	293	201	152	120	98	

2x45 | 7x40 | 2x45

460

84	100	**123**	**155**	**211**	**329**	**211**	**155**	**123**	100	84
89	108	**134**	**173**	**242**	**329**	**242**	**173**	**134**	108	89
92	**110**	**136**	**175**	**239**	**329**	**239**	**175**	**136**	**110**	92
92	**110**	**136**	**175**	**239**	**329**	**239**	**175**	**136**	**110**	92
92	**110**	**136**	**175**	**239**	**329**	**239**	**175**	**136**	**110**	92
92	**110**	**136**	**175**	**239**	**329**	**239**	**175**	**136**	**110**	92
92	**110**	**136**	**175**	**239**	**329**	**239**	**175**	**136**	**110**	92
92	**110**	**136**	**175**	**239**	**329**	**239**	**175**	**136**	**110**	92

● F max. = 1299 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-45°

88	105	127	158	209	**413**	209	158	127	105	88	14
94	113	139	178	245	**514**	245	178	139	113	94	8x17
100	122	153	200	291	**647**	291	200	153	122	100	150
104	130	165	222	**339**	**806**	**339**	222	165	130	104	
104	135	175	239	**380**	**1011**	**380**	239	175	135	104	
104	141	183	256	**422**	**1308**	**422**	256	183	141	104	
104	138	177	242	**383**	**994**	**383**	242	177	138	104	
104	133	169	226	**343**	**797**	**343**	226	169	133	104	
104	126	158	206	297	**644**	297	206	158	126	104	

2x45 | 7x40 | 2x45

460

88	105	**127**	**158**	**209**	**362**	**209**	**158**	**127**	105	88
94	113	**139**	**178**	**245**	**362**	**245**	**178**	**139**	113	94
99	119	**147**	**189**	**262**	**362**	**262**	**189**	**147**	119	99
99	**119**	**147**	**189**	**262**	**362**	**262**	**189**	**147**	**119**	99
99	**119**	**147**	**189**	**262**	**362**	**262**	**189**	**147**	**119**	99
99	**119**	**147**	**189**	**262**	**362**	**262**	**189**	**147**	**119**	99
99	**119**	**147**	**189**	**262**	**362**	**262**	**189**	**147**	**119**	99
99	**119**	**147**	**189**	**262**	**362**	**262**	**189**	**147**	**119**	99

● F max. = 1327 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-50°

92	108	130	160	208	**407**	208	160	130	108	92	14
98	117	143	181	245	**510**	245	181	143	117	98	8x17
105	127	158	206	293	**647**	293	206	158	127	105	150
111	136	172	229	**344**	**814**	**344**	229	172	136	111	
112	142	182	248	**387**	**1030**	**387**	248	182	142	112	
112	148	192	266	**431**	**1309**	**431**	266	192	148	112	
112	144	185	250	**387**	**995**	**387**	250	185	144	112	
112	139	175	233	**345**	**792**	**345**	233	175	139	112	
109	131	163	210	297	**634**	297	210	163	131	109	

2x45 | 7x40 | 2x45

460

92	108	130	**160**	**208**	**407**	**208**	**160**	130	108	92
98	117	143	**181**	**245**	**414**	**245**	**181**	143	117	98
105	127	**158**	**206**	**293**	**414**	**293**	**206**	**158**	127	105
110	132	**164**	**210**	**293**	**414**	**293**	**210**	**164**	132	110
110	132	**164**	**210**	**293**	**414**	**293**	**210**	**164**	132	110
110	**132**	**164**	**210**	**293**	**414**	**293**	**210**	**164**	**132**	110
110	**132**	**164**	**210**	**293**	**414**	**293**	**210**	**164**	**132**	110
110	132	**164**	**210**	**293**	**414**	**293**	**210**	**164**	132	110
109	131	**163**	**210**	**293**	**414**	**293**	**210**	**163**	131	109

● F max. = 1343 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-55°

97	113	134	163	206	**395**	206	163	134	113	97	14
105	124	149	186	245	**499**	245	186	149	124	105	8x17
113	136	167	214	296	**643**	296	214	167	136	113	150
120	146	184	241	**352**	**819**	**352**	241	184	146	120	
124	154	196	263	**401**	**1052**	**401**	263	196	154	124	
124	161	207	283	**443**	**1315**	**443**	283	207	161	124	
124	156	198	264	**397**	**998**	**397**	264	198	156	124	
123	149	186	243	**350**	**781**	**350**	243	186	149	123	
116	139	171	216	296	**619**	296	216	171	139	116	

2x45 | 7x40 | 2x45

460

97	113	134	**163**	**206**	**395**	**206**	**163**	134	113	97
105	124	149	**186**	**245**	**462**	**245**	**186**	149	124	105
113	136	**167**	**214**	**296**	**462**	**296**	**214**	**167**	136	113
120	146	**181**	**232**	**322**	**462**	**322**	**232**	**181**	146	120
123	147	**181**	**232**	**322**	**462**	**322**	**232**	**181**	147	123
123	**147**	**181**	**232**	**322**	**462**	**322**	**232**	**181**	**147**	123
123	147	**181**	**232**	**322**	**462**	**322**	**232**	**181**	147	123
123	147	**181**	**232**	**322**	**462**	**322**	**232**	**181**	147	123
116	139	**171**	**216**	**296**	**462**	**296**	**216**	**171**	139	116

● F max. = 1365 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-60°

102	119	140	168	210	**399**	210	168	140	119	102
111	130	156	193	251	**506**	251	193	156	130	111
120	144	176	223	305	**656**	305	223	176	144	120
129	156	195	254	**366**	**844**	**366**	254	195	156	129
135	165	209	278	**417**	**1100**	**417**	278	209	165	135
140	172	218	293	**447**	**1269**	**447**	293	218	172	140
135	164	207	272	**400**	**969**	**400**	272	207	164	135
129	155	192	247	**346**	**749**	**346**	247	192	155	129
121	144	174	217	289	**588**	289	217	174	144	121

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

102	119	140	168	**210**	**399**	**210**	168	140	119	102
111	130	156	**193**	**251**	**506**	**251**	**193**	156	130	111
120	144	176	**223**	**305**	**547**	**305**	**223**	176	144	120
129	156	**195**	**254**	**366**	**547**	**366**	**254**	**195**	156	129
135	165	**209**	**268**	**373**	**547**	**373**	**268**	**209**	165	135
140	170	**209**	**268**	**373**	**547**	**373**	**268**	**209**	170	140
135	164	**207**	**268**	**373**	**547**	**373**	**268**	**207**	164	135
129	155	**192**	**247**	**346**	**547**	**346**	**247**	**192**	155	129
121	144	174	**217**	**289**	**547**	**289**	**217**	174	144	121

● F max. = 1377 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-65°

109	125	145	171	208	**383**	208	171	145	125	109
119	139	164	198	249	**488**	249	198	164	139	119
131	155	187	233	307	**641**	307	233	187	155	131
142	170	210	269	**374**	**833**	**374**	269	210	170	142
150	182	228	299	**435**	**1112**	**435**	299	228	182	150
153	190	239	316	**467**	**1279**	**467**	316	239	190	153
150	181	225	291	**413**	**963**	**413**	291	225	181	150
142	169	206	260	**351**	**733**	**351**	260	206	169	142
131	154	184	225	289	**569**	289	225	184	154	131

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

109	125	145	171	208	**383**	208	171	145	125	109
119	139	164	198	**249**	**488**	**249**	198	164	139	119
131	155	187	**233**	**307**	**625**	**307**	**233**	187	155	131
142	170	210	**269**	**374**	**625**	**374**	**269**	210	170	142
150	182	**228**	**299**	**424**	**625**	**424**	**299**	**228**	182	150
153	190	**239**	**308**	**424**	**625**	**424**	**308**	**239**	190	153
150	181	**225**	**291**	**413**	**625**	**413**	**291**	**225**	181	150
142	169	206	**260**	**351**	**625**	**351**	**260**	206	169	142
131	154	184	**225**	**289**	**569**	**289**	**225**	184	154	131

● F max. = 1392 kN
(500.000 Hub/Stroke/Course)

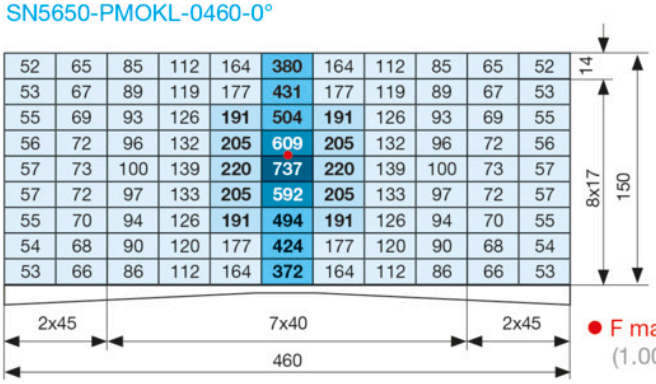
SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-0°

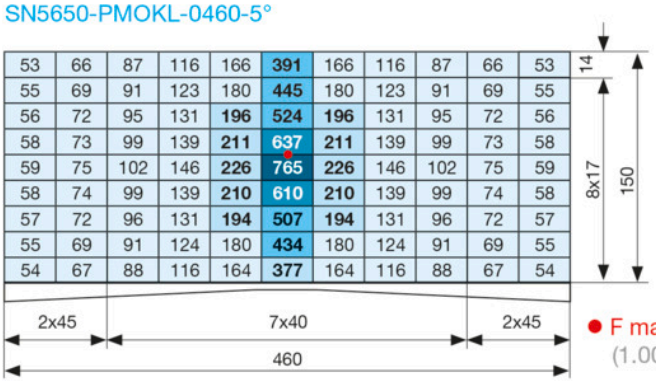


46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46
46	55	66	77	92	114	92	77	66	55	46

52	65	85	112	164	380	164	112	85	65	52
53	67	89	119	177	431	177	119	89	67	53
55	69	93	126	191	504	191	126	93	69	55
56	72	96	132	205	609	205	132	96	72	56
57	73	100	139	220	737	220	139	100	73	57
57	72	97	133	205	592	205	133	97	72	57
55	70	94	126	191	494	191	126	94	70	55
54	68	90	120	177	424	177	120	90	68	54
53	66	86	112	164	372	164	112	86	66	53

● F max. = 751 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-5°

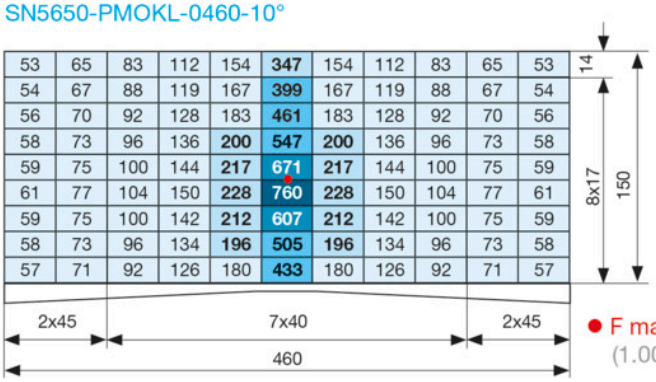


47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47
47	56	68	82	99	124	99	82	68	56	47

53	66	87	116	166	391	166	116	87	66	53
55	69	91	123	180	445	180	123	91	69	55
56	72	95	131	196	524	196	131	95	72	56
58	73	99	139	211	637	211	139	99	73	58
59	75	102	146	226	765	226	146	102	75	59
58	74	99	139	210	610	210	139	99	74	58
57	72	96	131	194	507	194	131	96	72	57
55	69	91	124	180	434	180	124	91	69	55
54	67	88	116	164	377	164	116	88	67	54

● F max. = 787 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-10°

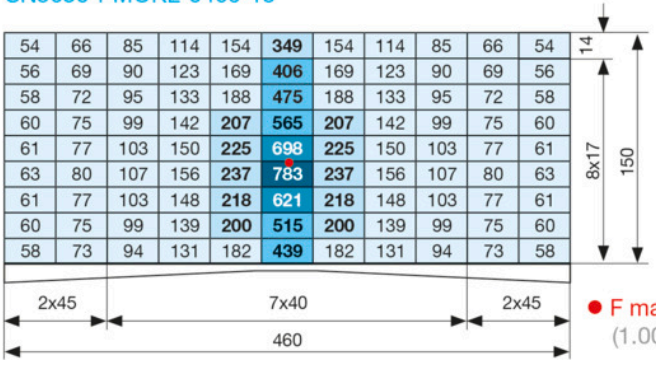


50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50
50	59	72	88	107	136	107	88	72	59	50

53	65	83	112	154	347	154	112	83	65	53
54	67	88	119	167	399	167	119	88	67	54
56	70	92	128	183	461	183	128	92	70	56
58	73	96	136	200	547	200	136	96	73	58
59	75	100	144	217	671	217	144	100	75	59
61	77	104	150	228	760	228	150	104	77	61
59	75	100	142	212	607	212	142	100	75	59
58	73	96	134	196	505	196	134	96	73	58
57	71	92	126	180	433	180	126	92	71	57

● F max. = 810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-15°



51	61	74	93	115	147	115	93	74	61	51
51	61	74	93	115	147	115	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51
51	61	74	93	114	147	114	93	74	61	51

54	66	85	114	154	349	154	114	85	66	54
56	69	90	123	169	406	169	123	90	69	56
58	72	95	133	188	475	188	133	95	72	58
60	75	99	142	207	565	207	142	99	75	60
61	77	103	150	225	698	225	150	103	77	61
63	80	107	156	237	783	237	156	107	80	63
61	77	103	148	218	621	218	148	103	77	61
60	75	99	139	200	515	200	139	99	75	60
58	73	94	131	182	439	182	131	94	73	58

● F max. = 842 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-20°

53	64	80	105	139	**293**	139	105	80	64	53	14
55	68	85	115	155	**348**	155	115	85	68	55	
58	71	91	125	174	**415**	174	125	91	71	58	
60	74	97	135	194	**488**	194	135	97	74	60	
61	77	101	145	**214**	**585**	**214**	145	101	77	61	8x17
63	80	106	153	**234**	**729**	**234**	153	106	80	63	
64	82	109	158	**242**	**780**	**242**	158	109	82	64	
64	80	104	149	**223**	**620**	**223**	149	104	80	64	
61	77	101	141	**204**	**514**	**204**	141	101	77	61	150

2x45 | 7x40 | 2x45 = 460

53	64	79	99	126	162	126	99	79	64	53
54	64	79	99	125	162	125	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54
54	64	79	99	124	162	124	99	79	64	54

● F max. = 863 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-25°

55	66	82	105	141	**291**	141	105	82	66	55	14
58	70	88	116	159	**349**	159	116	88	70	58	
60	74	94	128	180	**422**	180	128	94	74	60	
62	77	100	139	**203**	**502**	**203**	139	100	77	62	
63	80	105	148	**224**	**605**	**224**	148	105	80	63	8x17
63	83	110	158	**246**	**761**	**246**	158	110	83	63	
63	85	112	161	**253**	**791**	**253**	161	112	85	63	
63	82	108	153	**231**	**627**	**231**	153	108	82	63	
63	80	104	143	**210**	**519**	**210**	143	104	80	63	150

2x45 | 7x40 | 2x45 = 460

55	66	82	104	136	177	136	104	82	66	55
56	67	82	104	135	177	135	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56
56	67	82	104	134	177	134	104	82	67	56

● F max. = 891 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-30°

56	67	83	107	143	**292**	143	107	83	67	56	14
59	72	90	118	163	**354**	163	118	90	72	59	
62	76	96	130	185	**431**	185	130	96	76	62	
64	80	103	142	**210**	**519**	**210**	142	103	80	64	
66	83	109	152	**234**	**629**	**234**	152	109	83	66	8x17
66	86	113	161	**257**	**800**	**257**	161	113	86	66	
66	88	115	164	**259**	**779**	**259**	164	115	88	66	
66	85	111	155	**236**	**619**	**236**	155	111	85	66	
66	82	106	145	**214**	**513**	**214**	145	106	82	66	150

2x45 | 7x40 | 2x45 = 460

56	67	83	107	143	196	143	107	83	67	56
59	72	88	112	148	196	148	112	88	72	59
60	72	88	112	147	196	147	112	88	72	60
60	72	88	112	146	196	146	112	88	72	60
60	72	88	112	146	196	146	112	88	72	60
60	72	88	112	146	196	146	112	88	72	60
60	72	88	112	146	196	146	112	88	72	60
60	72	88	112	146	196	146	112	88	72	60
60	72	88	112	146	196	146	112	88	72	60

● F max. = 910 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-35°

58	69	85	108	145	**288**	145	108	85	69	58	14
61	74	93	120	166	**353**	166	120	93	74	61	
65	80	101	134	193	**437**	193	134	101	80	65	
68	84	108	147	**220**	**531**	**220**	147	108	84	68	
68	88	114	158	**246**	**651**	**246**	158	114	88	68	8x17
68	91	119	168	**272**	**835**	**272**	168	119	91	68	
68	92	120	169	**270**	**783**	**270**	169	120	92	68	
68	89	115	159	**245**	**622**	**245**	159	115	89	68	
68	86	110	149	**220**	**512**	**220**	149	110	86	68	150

2x45 | 7x40 | 2x45 = 460

58	69	85	108	145	214	145	108	85	69	58
61	74	93	119	161	214	161	119	93	74	61
64	76	93	119	159	214	159	119	93	76	64
64	76	93	119	159	214	159	119	93	76	64
64	76	93	119	159	214	159	119	93	76	64
64	76	93	119	159	214	159	119	93	76	64
64	76	93	119	159	214	159	119	93	76	64
64	76	93	119	159	214	159	119	93	76	64
64	76	93	119	159	214	159	119	93	76	64

● F max. = 934 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-40°

61	73	90	113	154	**307**	154	113	90	73	61
65	79	98	126	178	**379**	178	126	98	79	65
69	84	107	141	206	**469**	206	141	107	84	69
72	89	114	155	**237**	**577**	**237**	155	114	89	72
72	93	120	166	**264**	**717**	**264**	166	120	93	72
72	96	126	177	**293**	**946**	**293**	177	126	96	72
72	95	123	170	**269**	**723**	**269**	170	123	95	72
72	91	117	159	**243**	**583**	**243**	159	117	91	72
72	88	111	147	214	**477**	214	147	111	88	72

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

61	73	**90**	**113**	**154**	**240**	**154**	**113**	**90**	73	61
65	79	**98**	**126**	**177**	**240**	**177**	**126**	**98**	79	65
67	**80**	**99**	**128**	**174**	**240**	**174**	**128**	**99**	**80**	67
67	**80**	**99**	**128**	**174**	**240**	**174**	**128**	**99**	**80**	67
67	**80**	**99**	**128**	**174**	**240**	**174**	**128**	**99**	**80**	67
67	**80**	**99**	**128**	**174**	**240**	**174**	**128**	**99**	**80**	67
67	**80**	**99**	**128**	**174**	**240**	**174**	**128**	**99**	**80**	67
67	**80**	**99**	**128**	**174**	**240**	**174**	**128**	**99**	**80**	67

● F max. = 948 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-45°

64	77	93	115	153	**301**	153	115	93	77	64
69	82	101	130	179	**375**	179	130	101	82	69
73	89	112	146	212	**472**	212	146	112	89	73
76	95	120	162	**247**	**588**	**247**	162	120	95	76
76	99	128	174	**277**	**738**	**277**	174	128	99	76
76	103	134	187	**308**	**955**	**308**	187	134	103	76
76	101	129	177	**280**	**726**	**280**	177	129	101	76
76	97	123	165	**250**	**582**	**250**	165	123	97	76
76	92	115	150	217	**470**	217	150	115	92	76

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

64	77	**93**	**115**	**153**	**264**	**153**	**115**	**93**	77	64
69	82	**101**	**130**	**179**	**264**	**179**	**130**	**101**	82	69
72	87	**107**	**138**	**191**	**264**	**191**	**138**	**107**	87	72
72	**87**	**107**	**138**	**191**	**264**	**191**	**138**	**107**	**87**	72
72	**87**	**107**	**138**	**191**	**264**	**191**	**138**	**107**	**87**	72
72	**87**	**107**	**138**	**191**	**264**	**191**	**138**	**107**	**87**	72
72	**87**	**107**	**138**	**191**	**264**	**191**	**138**	**107**	**87**	72
72	**87**	**107**	**138**	**191**	**264**	**191**	**138**	**107**	**87**	72
72	**87**	**107**	**138**	**191**	**264**	**191**	**138**	**107**	**87**	72

● F max. = 969 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-50°

67	79	95	117	152	**297**	152	117	95	79	67
72	85	104	132	179	**372**	179	132	104	85	72
77	93	115	150	214	**472**	214	150	115	93	77
81	99	126	167	**251**	**594**	**251**	167	126	99	81
82	104	133	181	**283**	**752**	**283**	181	133	104	82
82	108	140	194	**315**	**956**	**315**	194	140	108	82
82	105	135	183	**283**	**726**	**283**	183	135	105	82
82	101	128	170	**252**	**578**	**252**	170	128	101	82
80	96	119	153	217	**463**	217	153	119	96	80

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

67	79	95	**117**	**152**	**297**	**152**	**117**	95	79	67
72	85	104	**132**	**179**	**302**	**179**	**132**	104	85	72
77	93	**115**	**150**	**214**	**302**	**214**	**150**	**115**	93	77
80	96	**120**	**153**	**214**	**302**	**214**	**153**	**120**	96	80
80	96	**120**	**153**	**214**	**302**	**214**	**153**	**120**	96	80
80	**96**	**120**	**153**	**214**	**302**	**214**	**153**	**120**	**96**	80
80	**96**	**120**	**153**	**214**	**302**	**214**	**153**	**120**	**96**	80
80	96	**120**	**153**	**214**	**302**	**214**	**153**	**120**	96	80
80	96	**119**	**153**	**214**	**302**	**214**	**153**	**119**	96	80

● F max. = 980 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-55°

71	82	98	119	150	**288**	150	119	98	82	71
77	91	109	136	179	**364**	179	136	109	91	77
82	99	122	156	216	**469**	216	156	122	99	82
88	107	134	176	**257**	**598**	**257**	176	134	107	88
91	112	143	192	**293**	**768**	**293**	192	143	112	91
91	118	151	207	**323**	**960**	**323**	207	151	118	91
91	114	145	193	**290**	**729**	**290**	193	145	114	91
90	109	136	177	**256**	**570**	**256**	177	136	109	90
85	101	125	158	216	**452**	216	158	125	101	85

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

71	82	98	**119**	**150**	**288**	**150**	**119**	98	82	71
77	91	109	**136**	**179**	**337**	**179**	**136**	109	91	77
82	99	**122**	**156**	**216**	**337**	**216**	**156**	**122**	99	82
88	107	**132**	**169**	**235**	**337**	**235**	**169**	**132**	107	88
90	107	**132**	**169**	**235**	**337**	**235**	**169**	**132**	107	90
90	**107**	**132**	**169**	**235**	**337**	**235**	**169**	**132**	**107**	90
90	107	**132**	**169**	**235**	**337**	**235**	**169**	**132**	107	90
90	107	**132**	**169**	**235**	**337**	**235**	**169**	**132**	107	90
85	101	**125**	**158**	**216**	**337**	**216**	**158**	**125**	101	85

● F max. = 996 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOKL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOKL-0460-60°

74	87	102	123	153	**291**	153	123	102	87	74
81	95	114	141	183	**369**	183	141	114	95	81
88	105	128	163	223	**479**	223	163	128	105	88
94	114	142	185	**267**	**616**	**267**	185	142	114	94
99	120	153	203	**304**	**803**	**304**	203	153	120	99
102	126	159	214	**326**	**926**	**326**	214	159	126	102
99	120	151	199	**292**	**707**	**292**	199	151	120	99
94	113	140	180	**253**	**547**	**253**	180	140	113	94
88	105	127	158	211	**429**	211	158	127	105	88

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

74	87	102	123	**153**	**291**	**153**	123	102	87	74
81	95	114	**141**	**183**	**369**	**183**	**141**	114	95	81
88	105	128	**163**	**223**	**399**	**223**	**163**	128	105	88
94	114	**142**	**185**	**267**	**399**	**267**	**185**	**142**	114	94
99	120	**153**	**196**	**272**	**399**	**272**	**196**	**153**	120	99
102	124	**153**	**196**	**272**	**399**	**272**	**196**	**153**	124	102
99	120	**151**	**196**	**272**	**399**	**272**	**196**	**151**	120	99
94	113	**140**	**180**	**253**	**399**	**253**	**180**	**140**	113	94
88	105	127	**158**	**211**	**399**	**211**	**158**	127	105	88

● F max. = 1005 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOKL-0460-65°

80	91	106	125	152	**280**	152	125	106	91	80
87	101	120	145	182	**356**	182	145	120	101	87
96	113	137	170	224	**468**	224	170	137	113	96
104	124	153	196	**273**	**608**	**273**	196	153	124	104
110	133	166	218	**318**	**812**	**318**	218	166	133	110
112	139	174	231	**341**	**934**	**341**	231	174	139	112
110	132	164	212	**301**	**703**	**301**	212	164	132	110
104	123	150	190	**256**	**535**	**256**	190	150	123	104
96	112	134	164	211	**415**	211	164	134	112	96

14 · 8x17 · 150

2x45 | 7x40 | 2x45

460

80	91	106	125	152	**280**	152	125	106	91	80
87	101	120	145	**182**	**356**	**182**	145	120	101	87
96	113	137	**170**	**224**	**456**	**224**	**170**	137	113	96
104	124	153	**196**	**273**	**456**	**273**	**196**	153	124	104
110	133	**166**	**218**	**310**	**456**	**310**	**218**	**166**	133	110
112	139	**174**	**225**	**310**	**456**	**310**	**225**	**174**	139	112
110	132	**164**	**212**	**301**	**456**	**301**	**212**	**164**	132	110
104	123	150	**190**	**256**	**456**	**256**	**190**	150	123	104
96	112	134	**164**	**211**	**415**	**211**	**164**	134	112	96

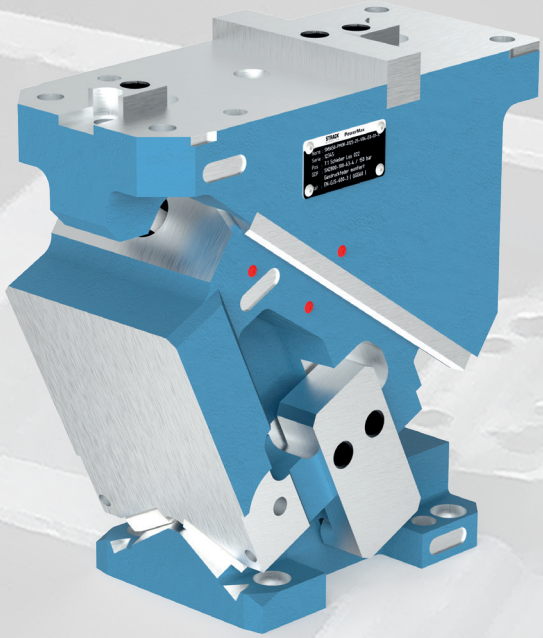
● F max. = 1016 kN
(1.000.000 Hub/Stroke/Course)

THINK TECH STRACK

OBEN HÄNGENDE SCHIEBER
... die effiziente Lösung

AERIAL CAM UNITS
... the efficient solution

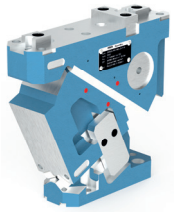
COULISSEAUX SUSPENDUS
... la solution effective



PowerMax® *light*

the simple solution

STRACK® NORMALIEN

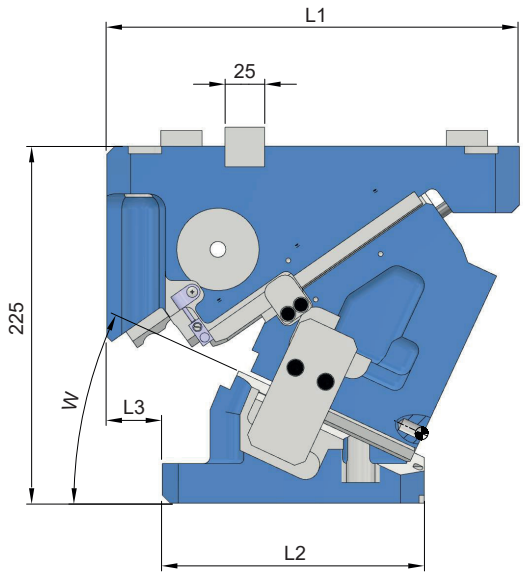


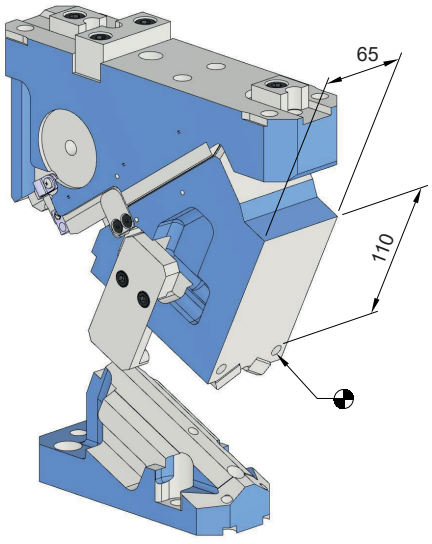
SN5650-PMOL-0065-

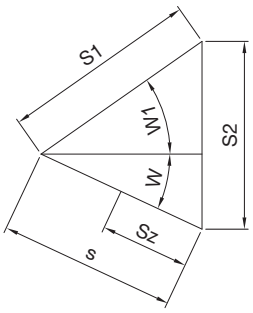
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	65 x 110 mm
Schieberbreite max.	*Cam unit width max.*	65 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 111 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



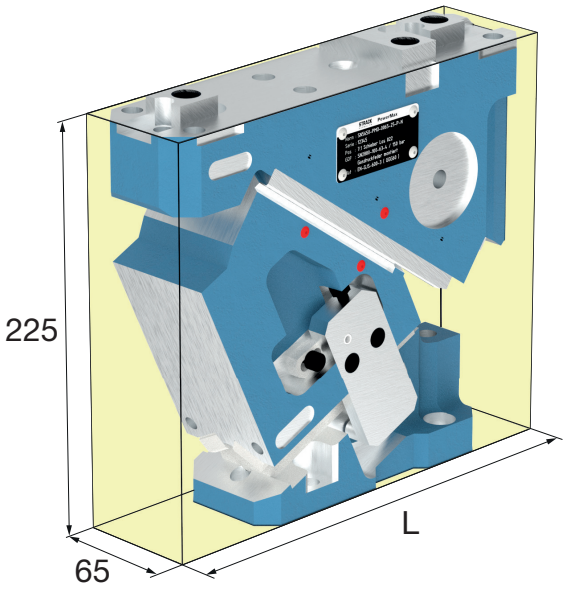
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOL-0065-

Oben hängender Schieber

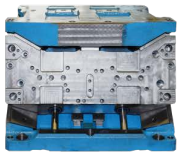
Aerial cam unit



E0



E1



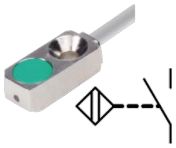
G0



S0



S1



Mat.: *EN-GJS-600-3 (GGG 60)*

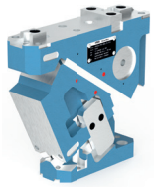
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring

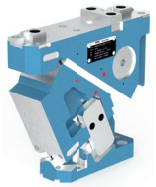
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E0-G0-S0-V04
0°	E0	G0	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E0-G0-S1-V04
0°	E0	G1	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E0-G1-S0-V04
0°	E0	G1	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E0-G1-S1-V04
0°	E1	G0	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E1-G0-S0-V04
0°	E1	G0	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E1-G0-S1-V04
0°	E1	G1	S0	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E1-G1-S0-V04
0°	E1	G1	S1	245	47	35.5	52	38	22	245	200	35	SN5650-PMOL-0065-00-E1-G1-S1-V04
5°	E0	G0	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E0-G0-S0-V04
5°	E0	G0	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E0-G0-S1-V04
5°	E0	G1	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E0-G1-S0-V04
5°	E0	G1	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E0-G1-S1-V04
5°	E1	G0	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E1-G0-S0-V04
5°	E1	G0	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E1-G0-S1-V04
5°	E1	G1	S0	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E1-G1-S0-V04
5°	E1	G1	S1	245	45	36.9	52	40	27	245	200	35	SN5650-PMOL-0065-05-E1-G1-S1-V04
10°	E0	G0	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E0-G0-S0-V04
10°	E0	G0	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E0-G0-S1-V04
10°	E0	G1	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E0-G1-S0-V04
10°	E0	G1	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E0-G1-S1-V04
10°	E1	G0	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E1-G0-S0-V04
10°	E1	G0	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E1-G0-S1-V04
10°	E1	G1	S0	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E1-G1-S0-V04
10°	E1	G1	S1	255	42	39.2	52	41.6	28	255	195	30	SN5650-PMOL-0065-10-E1-G1-S1-V04
15°	E0	G0	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E0-G0-S0-V04
15°	E0	G0	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E0-G0-S1-V04
15°	E0	G1	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E0-G1-S0-V04
15°	E0	G1	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E0-G1-S1-V04
15°	E1	G0	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E1-G0-S0-V04
15°	E1	G0	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E1-G1-S0-V04
15°	E1	G1	S1	255	40	41.2	52	44.1	28	255	195	30	SN5650-PMOL-0065-15-E1-G1-S1-V04
20°	E0	G0	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E0-G0-S0-V04
20°	E0	G0	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E0-G0-S1-V04
20°	E0	G1	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E0-G1-S0-V04
20°	E0	G1	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E0-G1-S1-V04
20°	E1	G0	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E1-G0-S0-V04
20°	E1	G0	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E1-G0-S1-V04
20°	E1	G1	S0	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E1-G1-S0-V04
20°	E1	G1	S1	260	37	44.2	52	46.4	30	260	165	35	SN5650-PMOL-0065-20-E1-G1-S1-V04
25°	E0	G0	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E0-G0-S0-V04
25°	E0	G0	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E0-G0-S1-V04
25°	E0	G1	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E0-G1-S0-V04
25°	E0	G1	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E0-G1-S1-V04
25°	E1	G0	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E1-G0-S0-V04
25°	E1	G0	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E1-G0-S1-V04
25°	E1	G1	S0	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E1-G1-S0-V04
25°	E1	G1	S1	260	35	47	52	49.7	35	260	165	35	SN5650-PMOL-0065-25-E1-G1-S1-V04
30°	E0	G0	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E0-G0-S0-V04
30°	E0	G0	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E0-G0-S1-V04
30°	E0	G1	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E0-G1-S0-V04
30°	E0	G1	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E0-G1-S1-V04
30°	E1	G0	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E1-G0-S0-V04
30°	E1	G0	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E1-G0-S1-V04
30°	E1	G1	S0	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E1-G1-S0-V04
30°	E1	G1	S1	260	32	50.9	52	53	40	260	150	30	SN5650-PMOL-0065-30-E1-G1-S1-V04
35°	E0	G0	S0	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E0-G0-S0-V04
35°	E0	G0	S1	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E0-G0-S1-V04
35°	E0	G1	S0	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E0-G1-S0-V04
35°	E0	G1	S1	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E0-G1-S1-V04
35°	E1	G0	S0	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E1-G0-S0-V04
35°	E1	G0	S1	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E1-G0-S1-V04
35°	E1	G1	S0	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E1-G1-S0-V04
35°	E1	G1	S1	260	30	49.7	52	52	40	260	150	30	SN5650-PMOL-0065-35-E1-G1-S1-V04
40°	E0	G0	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E0-G0-S0-V04
40°	E0	G0	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E0-G0-S1-V04
40°	E0	G1	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E0-G1-S0-V04
40°	E0	G1	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E0-G1-S1-V04
40°	E1	G0	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E1-G0-S0-V04
40°	E1	G0	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E1-G0-S1-V04
40°	E1	G1	S0	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E1-G1-S0-V04
40°	E1	G1	S1	265	27	54.7	47	56.5	40	265	145	15	SN5650-PMOL-0065-40-E1-G1-S1-V04
45°	E0	G0	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E0-G0-S0-V04
45°	E0	G0	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E0-G0-S1-V04
45°	E0	G1	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E0-G1-S0-V04
45°	E0	G1	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E0-G1-S1-V04
45°	E1	G0	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E1-G0-S0-V04
45°	E1	G0	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E1-G0-S1-V04
45°	E1	G1	S0	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E1-G1-S0-V04
45°	E1	G1	S1	265	25	60.2	47	62.5	40	265	145	15	SN5650-PMOL-0065-45-E1-G1-S1-V04
50°	E0	G0	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E0-G0-S0-V04
50°	E0	G0	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E0-G0-S1-V04
50°	E0	G1	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E0-G1-S0-V04
50°	E0	G1	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E0-G1-S1-V04
50°	E1	G0	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E1-G0-S0-V04

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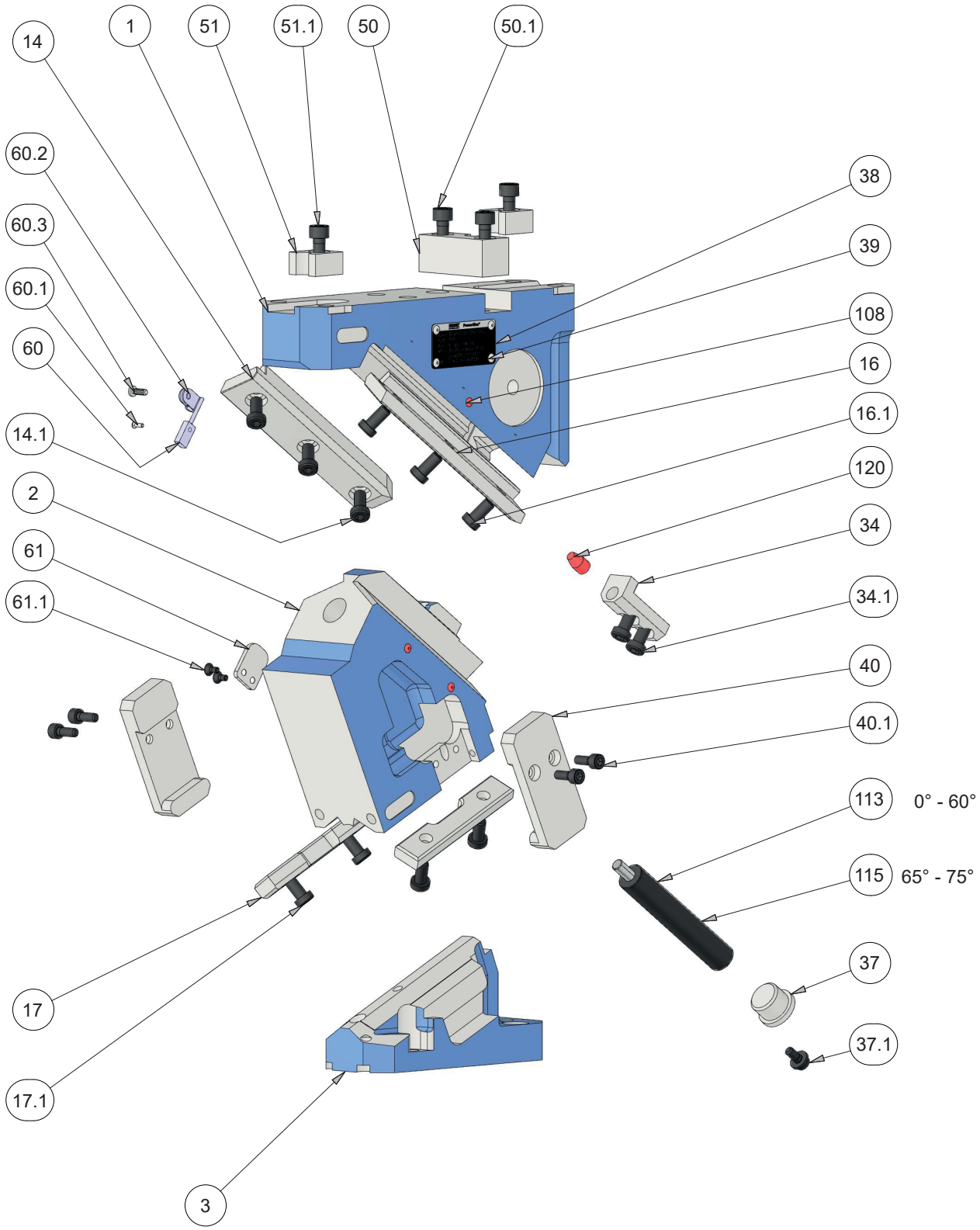


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E1-G0-S1-V04
50°	E1	G1	S0	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E1-G1-S0-V04
50°	E1	G1	S1	265	22	67.8	47	69.5	50	265	135	5	SN5650-PMOL-0065-50-E1-G1-S1-V04
55°	E0	G0	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E0-G0-S0-V04
55°	E0	G0	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E0-G0-S1-V04
55°	E0	G1	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E0-G1-S0-V04
55°	E0	G1	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E0-G1-S1-V04
55°	E1	G0	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E1-G0-S0-V04
55°	E1	G0	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E1-G0-S1-V04
55°	E1	G1	S0	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E1-G1-S0-V04
55°	E1	G1	S1	265	20	68.8	42	70.7	50	265	135	5	SN5650-PMOL-0065-55-E1-G1-S1-V04
60°	E0	G0	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E0-G0-S0-V04
60°	E0	G0	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E0-G0-S1-V04
60°	E0	G1	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E0-G1-S0-V04
60°	E0	G1	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E0-G1-S1-V04
60°	E1	G0	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E1-G0-S0-V04
60°	E1	G0	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E1-G0-S1-V04
60°	E1	G1	S0	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E1-G1-S0-V04
60°	E1	G1	S1	270	17	70.8	37	72.1	30	270	115	10	SN5650-PMOL-0065-60-E1-G1-S1-V04
65°	E0	G0	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E0-G0-S0-V04
65°	E0	G0	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E0-G0-S1-V04
65°	E0	G1	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E0-G1-S0-V04
65°	E0	G1	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E0-G1-S1-V04
65°	E1	G0	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E1-G0-S0-V04
65°	E1	G0	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E1-G0-S1-V04
65°	E1	G1	S0	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E1-G1-S0-V04
65°	E1	G1	S1	270	15	73.1	32	74.6	30	270	115	10	SN5650-PMOL-0065-65-E1-G1-S1-V04
70°	E0	G0	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E0-G0-S0-V04
70°	E0	G0	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E0-G0-S1-V04
70°	E0	G1	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E0-G1-S0-V04
70°	E0	G1	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E0-G1-S1-V04
70°	E1	G0	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E1-G0-S0-V04
70°	E1	G0	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E1-G0-S1-V04
70°	E1	G1	S0	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E1-G1-S0-V04
70°	E1	G1	S1	275	12	77.2	27	78.2	50	270	100	5	SN5650-PMOL-0065-70-E1-G1-S1-V04
75°	E0	G0	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E0-G0-S0-V04
75°	E0	G0	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E0-G0-S1-V04
75°	E0	G1	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E0-G1-S0-V04
75°	E0	G1	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E0-G1-S1-V04
75°	E1	G0	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E1-G0-S0-V04
75°	E1	G0	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E1-G0-S1-V04
75°	E1	G1	S0	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E1-G1-S0-V04
75°	E1	G1	S1	275	10	83.7	22	84.7	50	270	100	5	SN5650-PMOL-0065-75-E1-G1-S1-V04

SN5650-PMOL-0065-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

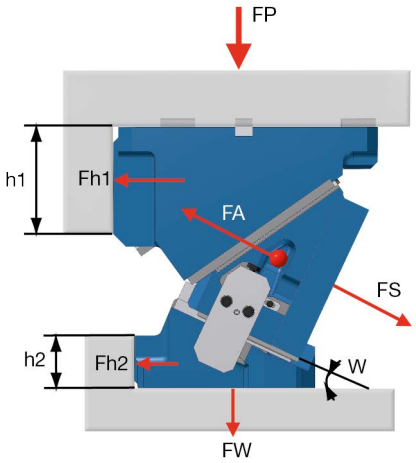
D 1801D 06.2022

SN5650-PMOL-0065-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	111	105	111	105	0	145	25	16
05°	115	107	106	97	9	145	25	18
10°	121	115	103	94	17	135	25	17
15°	123	116	96	84	23	135	25	18
20°	129	124	92	80	29	120	25	16
25°	130	124	86	69	32	120	25	17
30°	147	142	88	69	40	100	25	18
35°	147	141	81	57	40	100	25	23
40°	153	149	75	50	42	90	25	21
45°	152	147	68	40	40	90	25	22
50°	158	155	62	34	40	70	25	22
55°	156	152	54	25	35	70	25	22
60°	164	161	48	19	34	65	40	22
65°	160	157	41	12	26	63	40	21
70°	164	162	34	8	23	52	60	20
75°	160	158	27	4	14	48	60	20



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	83	79	83	79	0	145	25	16
05°	86	81	80	73	6	145	25	18
10°	91	87	77	71	13	135	25	17
15°	92	87	72	63	17	135	25	18
20°	97	93	69	60	22	120	25	16
25°	98	93	64	52	24	120	25	17
30°	110	107	66	52	30	100	25	18
35°	110	106	60	43	30	100	25	23
40°	115	112	56	38	32	90	25	21
45°	114	111	51	30	30	90	25	22
50°	119	116	46	25	30	70	25	22
55°	117	114	41	19	26	70	25	22
60°	123	121	36	15	25	65	40	22
65°	120	118	31	9	20	63	40	21
70°	123	122	25	6	17	52	60	20
75°	120	119	20	3	11	48	60	20

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

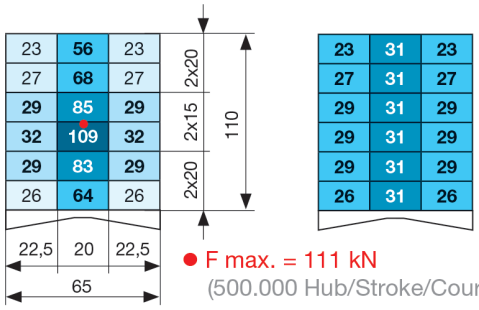
SN5650-PMOL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

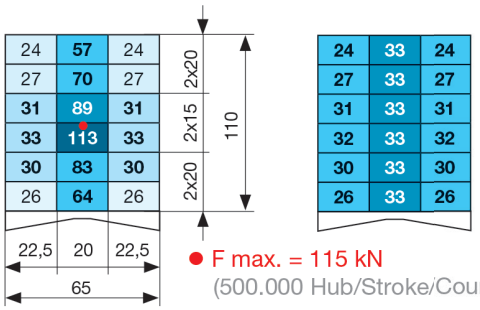
Passfeder
Fitting Key

SN5650-PMOL-0065-0°



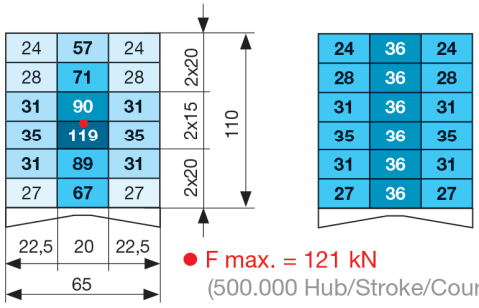
● F max. = 111 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-5°



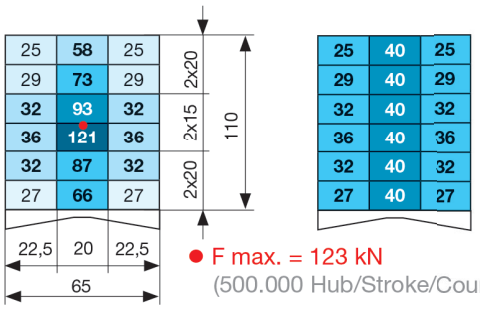
● F max. = 115 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-10°



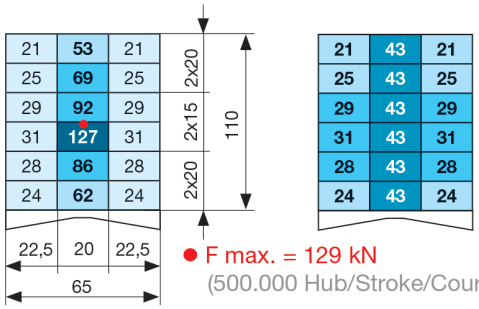
● F max. = 121 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-15°



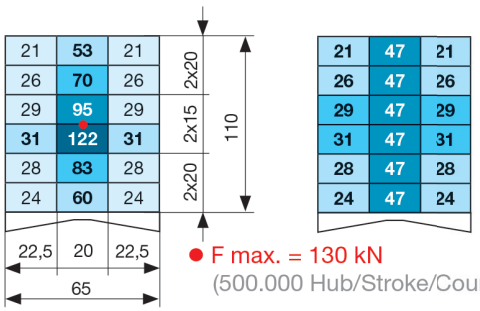
● F max. = 123 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-20°



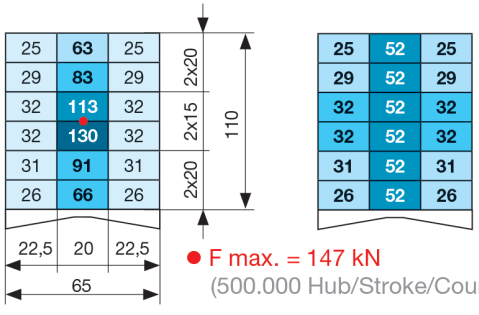
● F max. = 129 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-25°



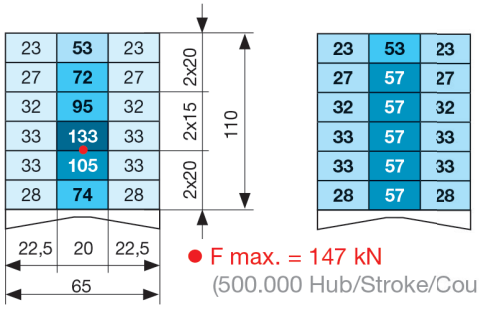
● F max. = 130 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-30°



● F max. = 147 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-35°



● F max. = 147 kN
(500.000 Hub/Stroke/Course)

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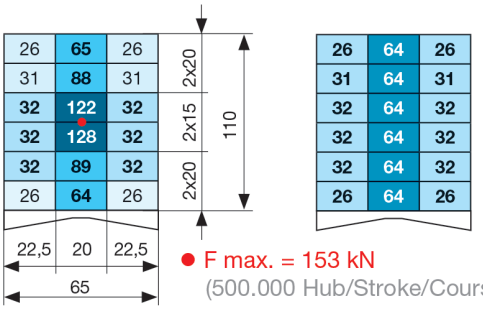
SN5650-PMOL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

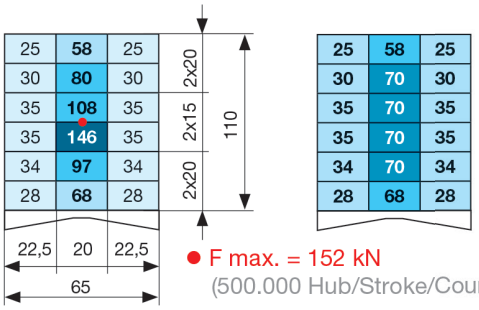
Passfeder
Fitting Key

SN5650-PMOL-0065-40°



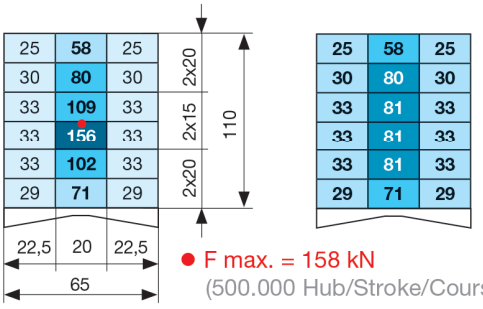
● F max. = 153 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-45°



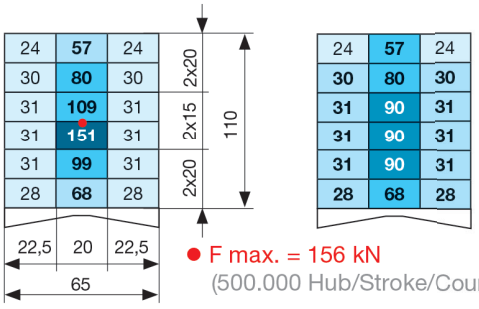
● F max. = 152 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-50°



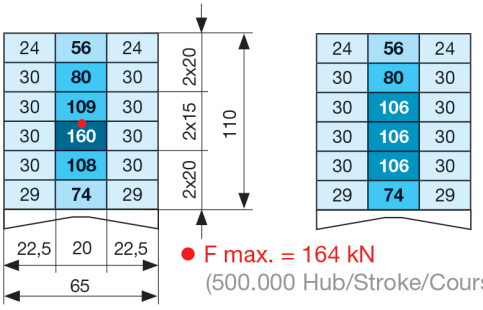
● F max. = 158 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-55°



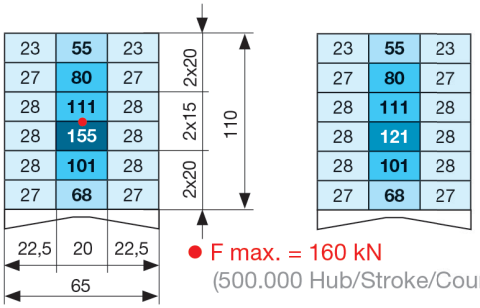
● F max. = 156 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-60°



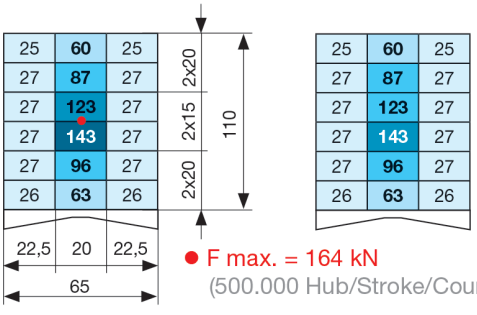
● F max. = 164 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-65°



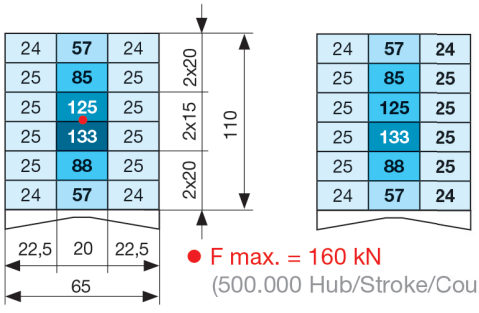
● F max. = 160 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-70°



● F max. = 164 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0065-75°



● F max. = 160 kN
(500.000 Hub/Stroke/Course)

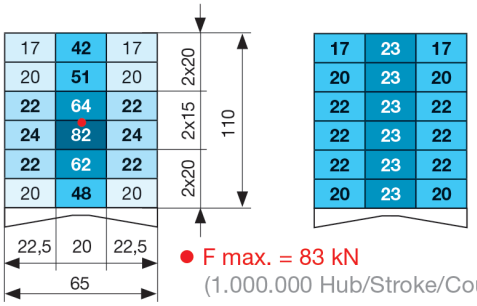
SN5650-PMOL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

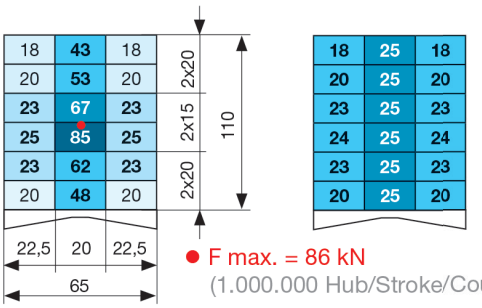
Passfeder
Fitting Key

SN5650-PMOL-0065-0°



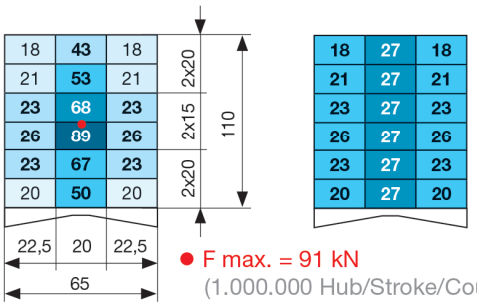
● F max. = 83 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-5°



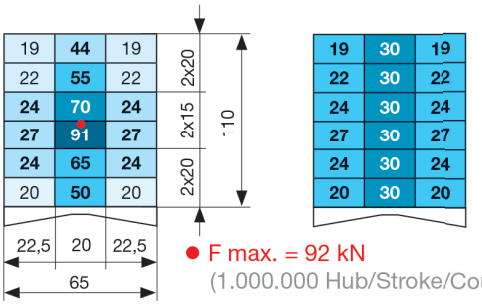
● F max. = 86 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-10°



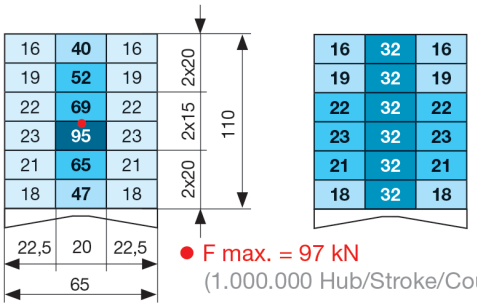
● F max. = 91 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-15°



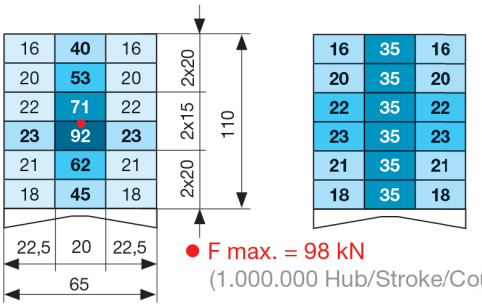
● F max. = 92 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-20°



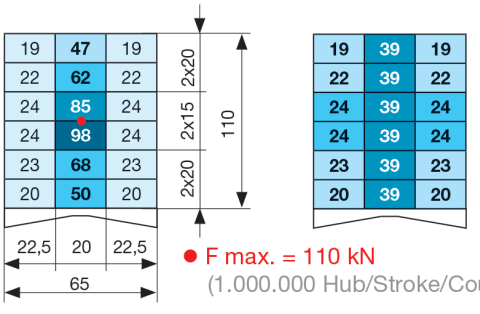
● F max. = 97 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-25°



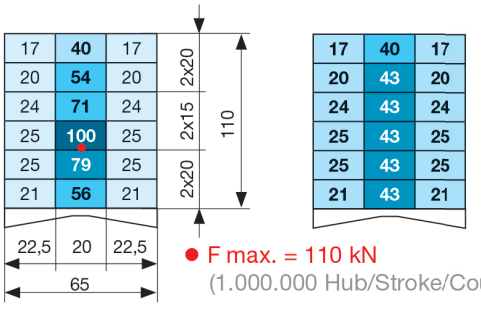
● F max. = 98 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-30°



● F max. = 110 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-35°



● F max. = 110 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

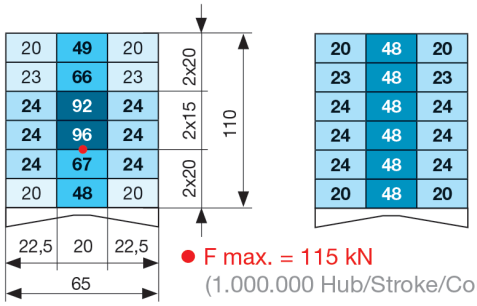
SN5650-PMOL-0065-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

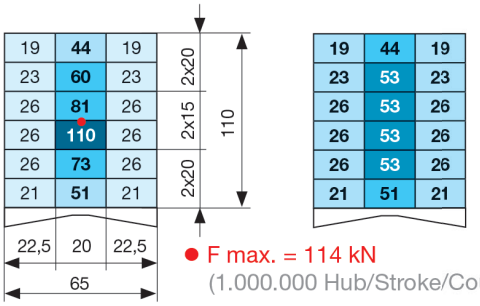
Passfeder
Fitting Key

SN5650-PMOL-0065-40°



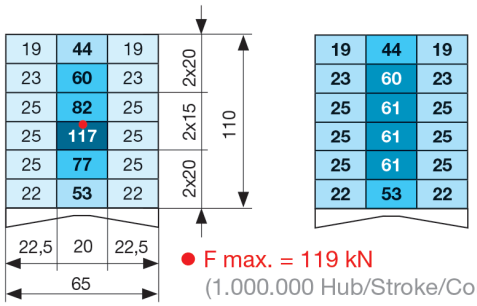
● F max. = 115 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-45°



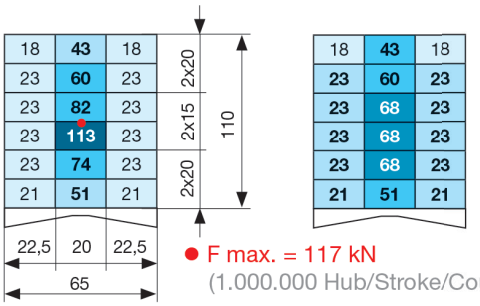
● F max. = 114 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-50°



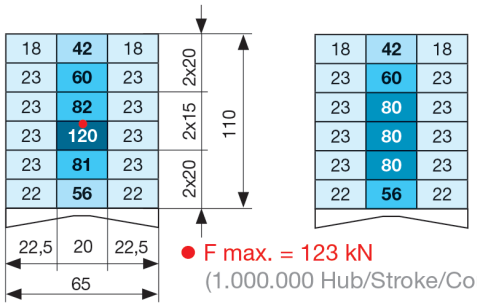
● F max. = 119 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-55°



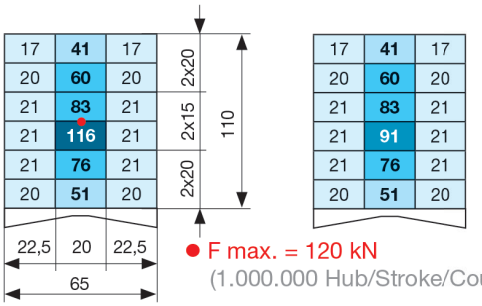
● F max. = 117 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-60°



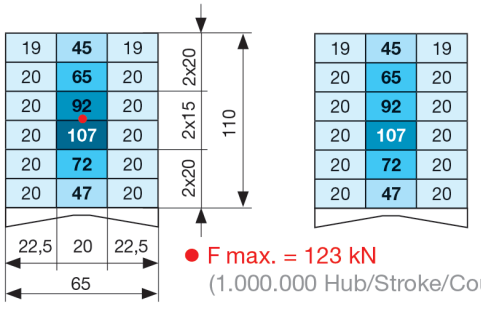
● F max. = 123 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-65°



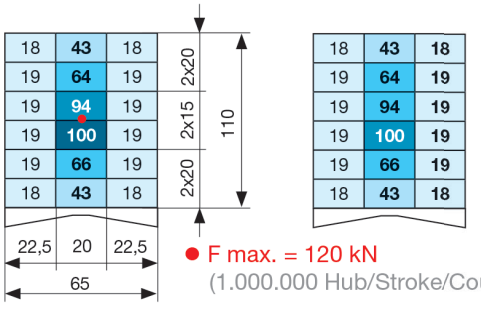
● F max. = 120 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-70°



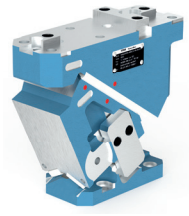
● F max. = 123 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0065-75°



● F max. = 120 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

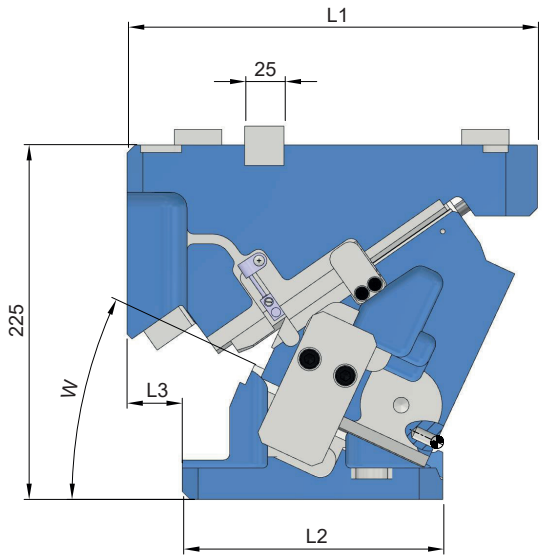


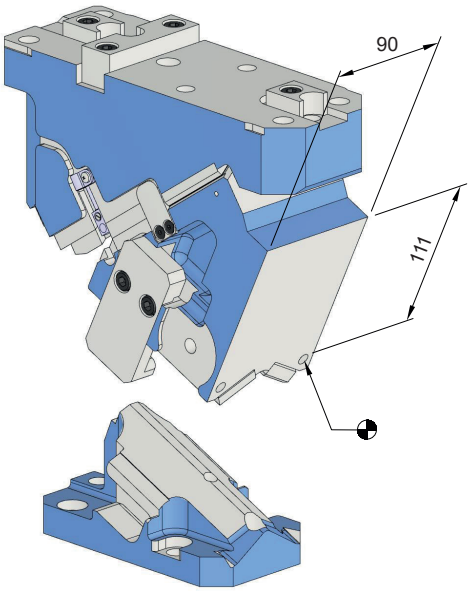
SN5650-PMOL-0090-

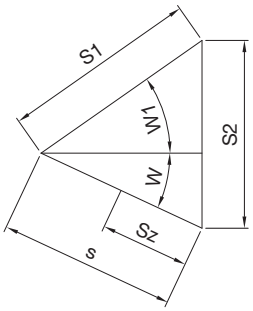
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	90 x 111 mm
Schieberbreite max.	*Cam unit width max.*	90 mm
Einbauhöhe	*Installation height*	225 mm
Schieberkraft	*Cam force*	> 190 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

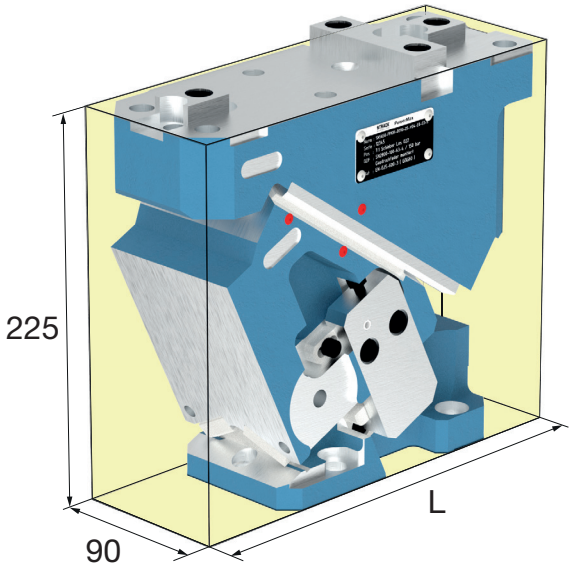
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOL-0090-

Oben hängender Schieber

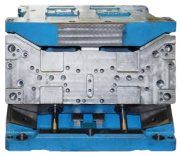
Aerial cam unit



E0



E1



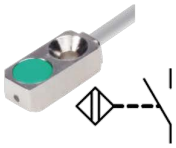
G0



S0



S1

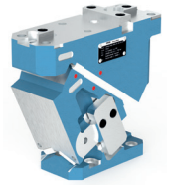


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

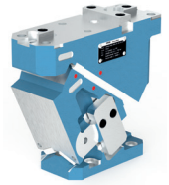
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E0-G0-S0-V04
0°	E0	G0	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E0-G0-S1-V04
0°	E0	G1	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E0-G1-S0-V04
0°	E0	G1	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E0-G1-S1-V04
0°	E1	G0	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E1-G0-S0-V04
0°	E1	G0	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E1-G0-S1-V04
0°	E1	G1	S0	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E1-G1-S0-V04
0°	E1	G1	S1	255	47	35.5	52	38	22	255	200	45	SN5650-PMOL-0090-00-E1-G1-S1-V04
5°	E0	G0	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E0-G0-S0-V04
5°	E0	G0	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E0-G0-S1-V04
5°	E0	G1	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E0-G1-S0-V04
5°	E0	G1	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E0-G1-S1-V04
5°	E1	G0	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E1-G0-S0-V04
5°	E1	G0	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E1-G0-S1-V04
5°	E1	G1	S0	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E1-G1-S0-V04
5°	E1	G1	S1	255	45	36.9	52	40	27	255	200	45	SN5650-PMOL-0090-05-E1-G1-S1-V04
10°	E0	G0	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E0-G0-S0-V04
10°	E0	G0	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E0-G0-S1-V04
10°	E0	G1	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E0-G1-S0-V04
10°	E0	G1	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E0-G1-S1-V04
10°	E1	G0	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E1-G0-S0-V04
10°	E1	G0	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E1-G0-S1-V04
10°	E1	G1	S0	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E1-G1-S0-V04
10°	E1	G1	S1	260	42	39.2	52	41.6	28	260	195	35	SN5650-PMOL-0090-10-E1-G1-S1-V04
15°	E0	G0	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E0-G0-S0-V04
15°	E0	G0	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E0-G0-S1-V04
15°	E0	G1	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E0-G1-S0-V04
15°	E0	G1	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E0-G1-S1-V04
15°	E1	G0	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E1-G0-S0-V04
15°	E1	G0	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E1-G1-S0-V04
15°	E1	G1	S1	260	40	41.2	52	44.1	28	260	195	35	SN5650-PMOL-0090-15-E1-G1-S1-V04
20°	E0	G0	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E0-G0-S0-V04
20°	E0	G0	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E0-G0-S1-V04
20°	E0	G1	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E0-G1-S0-V04
20°	E0	G1	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E0-G1-S1-V04
20°	E1	G0	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E1-G0-S0-V04
20°	E1	G0	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E1-G0-S1-V04
20°	E1	G1	S0	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E1-G1-S0-V04
20°	E1	G1	S1	260	37	44.2	52	46.4	27	260	165	35	SN5650-PMOL-0090-20-E1-G1-S1-V04
25°	E0	G0	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E0-G0-S0-V04
25°	E0	G0	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E0-G0-S1-V04
25°	E0	G1	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E0-G1-S0-V04
25°	E0	G1	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E0-G1-S1-V04
25°	E1	G0	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E1-G0-S0-V04
25°	E1	G0	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E1-G0-S1-V04
25°	E1	G1	S0	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E1-G1-S0-V04
25°	E1	G1	S1	260	35	47	52	49.7	32	260	165	35	SN5650-PMOL-0090-25-E1-G1-S1-V04
30°	E0	G0	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E0-G0-S0-V04
30°	E0	G0	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E0-G0-S1-V04
30°	E0	G1	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E0-G1-S0-V04
30°	E0	G1	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E0-G1-S1-V04
30°	E1	G0	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E1-G0-S0-V04
30°	E1	G0	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E1-G0-S1-V04
30°	E1	G1	S0	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E1-G1-S0-V04
30°	E1	G1	S1	265	32	50.9	52	53	37	265	150	30	SN5650-PMOL-0090-30-E1-G1-S1-V04
35°	E0	G0	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E0-G0-S0-V04
35°	E0	G0	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E0-G0-S1-V04
35°	E0	G1	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E0-G1-S0-V04
35°	E0	G1	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E0-G1-S1-V04
35°	E1	G0	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E1-G0-S0-V04
35°	E1	G0	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E1-G0-S1-V04
35°	E1	G1	S0	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E1-G1-S0-V04
35°	E1	G1	S1	265	30	49.7	47	52	37	265	150	30	SN5650-PMOL-0090-35-E1-G1-S1-V04
40°	E0	G0	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E0-G0-S0-V04
40°	E0	G0	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E0-G0-S1-V04
40°	E0	G1	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E0-G1-S0-V04
40°	E0	G1	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E0-G1-S1-V04
40°	E1	G0	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E1-G0-S0-V04
40°	E1	G0	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E1-G0-S1-V04
40°	E1	G1	S0	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E1-G1-S0-V04
40°	E1	G1	S1	265	27	54.7	47	56.5	37	265	145	15	SN5650-PMOL-0090-40-E1-G1-S1-V04
45°	E0	G0	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E0-G0-S0-V04
45°	E0	G0	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E0-G0-S1-V04
45°	E0	G1	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E0-G1-S0-V04
45°	E0	G1	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E0-G1-S1-V04
45°	E1	G0	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E1-G0-S0-V04
45°	E1	G0	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E1-G0-S1-V04
45°	E1	G1	S0	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E1-G1-S0-V04
45°	E1	G1	S1	265	25	60.2	47	62.5	37	265	145	15	SN5650-PMOL-0090-45-E1-G1-S1-V04
50°	E0	G0	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E0-G0-S0-V04
50°	E0	G0	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E0-G0-S1-V04
50°	E0	G1	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E0-G1-S0-V04
50°	E0	G1	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E0-G1-S1-V04
50°	E1	G0	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E1-G0-S0-V04

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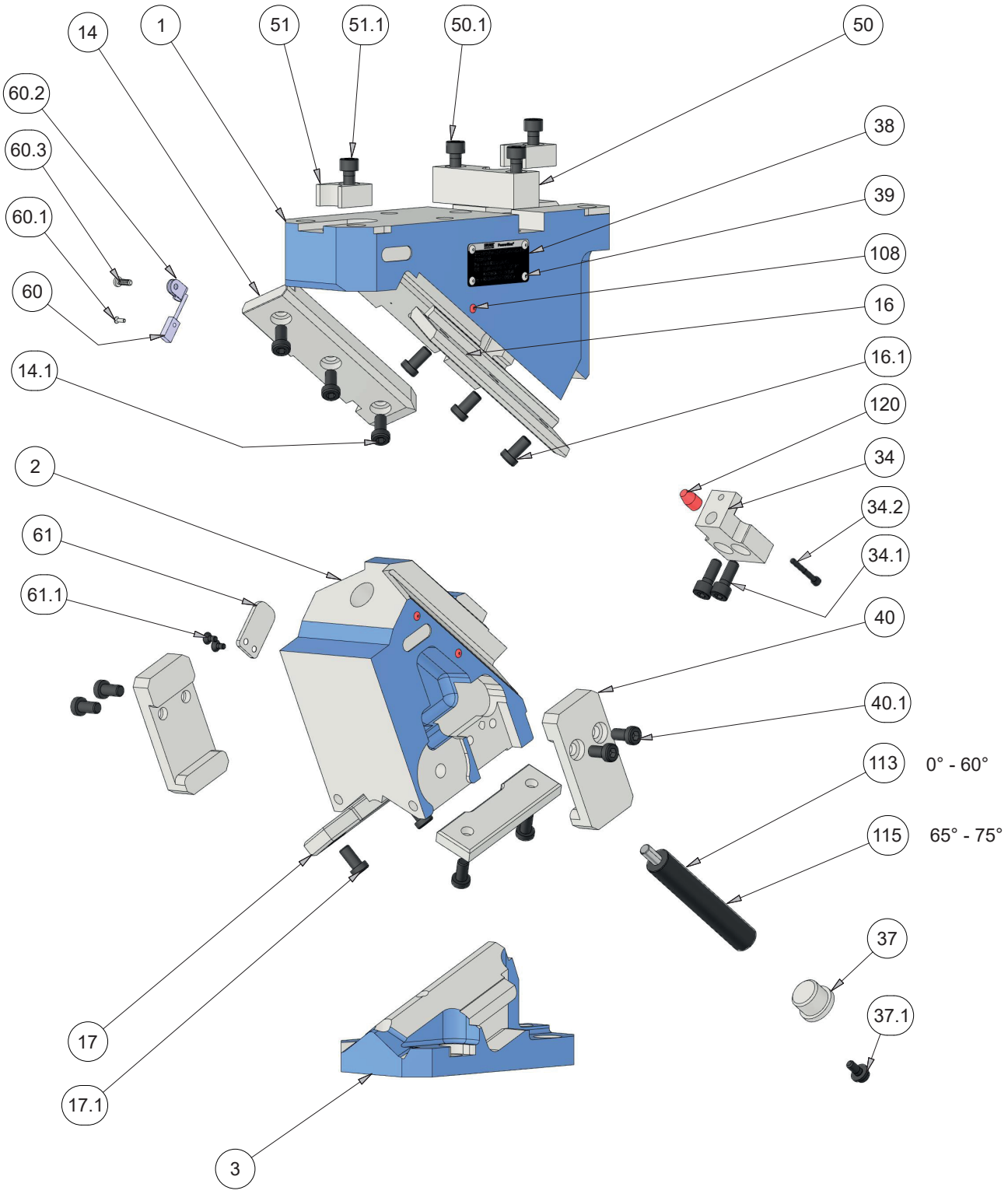


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E1-G0-S1-V04
50°	E1	G1	S0	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E1-G1-S0-V04
50°	E1	G1	S1	270	22	67.8	47	69.5	47	270	135	10	SN5650-PMOL-0090-50-E1-G1-S1-V04
55°	E0	G0	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E0-G0-S0-V04
55°	E0	G0	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E0-G0-S1-V04
55°	E0	G1	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E0-G1-S0-V04
55°	E0	G1	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E0-G1-S1-V04
55°	E1	G0	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E1-G0-S0-V04
55°	E1	G0	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E1-G0-S1-V04
55°	E1	G1	S0	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E1-G1-S0-V04
55°	E1	G1	S1	270	20	68.8	42	70.7	47	270	135	10	SN5650-PMOL-0090-55-E1-G1-S1-V04
60°	E0	G0	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E0-G0-S0-V04
60°	E0	G0	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E0-G0-S1-V04
60°	E0	G1	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E0-G1-S0-V04
60°	E0	G1	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E0-G1-S1-V04
60°	E1	G0	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E1-G0-S0-V04
60°	E1	G0	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E1-G0-S1-V04
60°	E1	G1	S0	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E1-G1-S0-V04
60°	E1	G1	S1	275	17	70.8	37	72.1	32	275	115	15	SN5650-PMOL-0090-60-E1-G1-S1-V04
65°	E0	G0	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E0-G0-S0-V04
65°	E0	G0	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E0-G0-S1-V04
65°	E0	G1	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E0-G1-S0-V04
65°	E0	G1	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E0-G1-S1-V04
65°	E1	G0	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E1-G0-S0-V04
65°	E1	G0	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E1-G0-S1-V04
65°	E1	G1	S0	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E1-G1-S0-V04
65°	E1	G1	S1	275	15	73.1	32	74.6	32	275	115	15	SN5650-PMOL-0090-65-E1-G1-S1-V04
70°	E0	G0	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E0-G0-S0-V04
70°	E0	G0	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E0-G0-S1-V04
70°	E0	G1	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E0-G1-S0-V04
70°	E0	G1	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E0-G1-S1-V04
70°	E1	G0	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E1-G0-S0-V04
70°	E1	G0	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E1-G0-S1-V04
70°	E1	G1	S0	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E1-G1-S0-V04
70°	E1	G1	S1	275	12	77.2	27	78.2	32	270	110	5	SN5650-PMOL-0090-70-E1-G1-S1-V04
75°	E0	G0	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E0-G0-S0-V04
75°	E0	G0	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E0-G0-S1-V04
75°	E0	G1	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E0-G1-S0-V04
75°	E0	G1	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E0-G1-S1-V04
75°	E1	G0	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E1-G0-S0-V04
75°	E1	G0	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E1-G0-S1-V04
75°	E1	G1	S0	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E1-G1-S0-V04
75°	E1	G1	S1	275	10	83.7	22	84.7	32	270	110	5	SN5650-PMOL-0090-75-E1-G1-S1-V04

SN5650-PMOL-0090-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

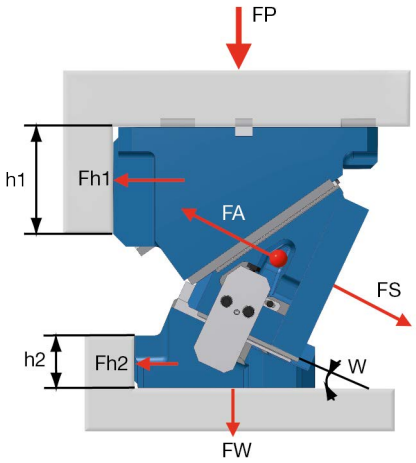
D 1801D 06.2022

SN5650-PMOL-0090-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	190	178	190	178	0	143	25	22
05°	198	186	182	169	14	136	30	22
10°	205	194	174	159	28	128	35	22
15°	212	202	165	146	38	124	48	22
20°	218	209	156	134	49	120	60	23
25°	233	224	152	125	58	115	65	25
30°	248	239	148	115	66	110	70	27
35°	254	245	138	100	69	100	75	26
40°	259	251	127	85	71	90	80	25
45°	263	256	116	71	69	80	80	26
50°	267	261	104	56	67	70	79	26
55°	277	271	95	45	63	65	92	27
60°	286	281	85	33	58	60	105	28
65°	288	283	75	22	47	60	105	28
70°	288	284	62	14	36	53	108	28
75°	288	285	49	7	25	45	110	28



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	143	134	143	134	0	143	25	22
05°	148	140	136	127	11	136	30	22
10°	154	146	130	119	21	128	35	22
15°	159	151	124	110	29	124	48	22
20°	164	157	117	101	37	120	60	23
25°	175	168	114	94	43	115	65	25
30°	186	180	111	87	50	110	70	27
35°	190	184	103	75	52	100	75	26
40°	194	189	95	64	54	90	80	25
45°	197	192	87	53	52	80	80	26
50°	200	196	78	42	51	70	79	26
55°	207	203	71	34	47	65	92	27
60°	215	211	64	25	44	60	105	28
65°	216	212	56	16	35	60	105	28
70°	220	217	47	11	28	53	108	28
75°	224	221	38	5	20	45	110	28

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0090-

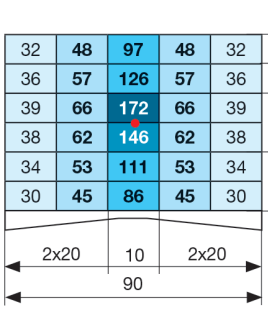
Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0090-0°

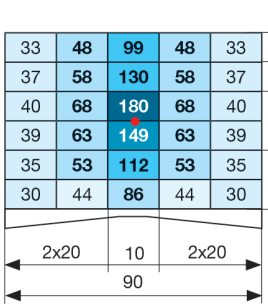
32	48	97	48	32	16	32	39	41	39	32
36	57	126	57	36	20	36	39	41	39	36
39	66	172	66	39	2x17,5	37	39	41	39	37
38	62	146	62	38	111	37	39	41	39	37
34	53	111	53	34	2x20	34	39	41	39	34
30	45	86	45	30		30	39	41	39	30



● F max. = 190 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-5°

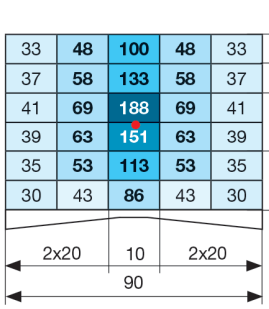
33	48	99	48	33	16	33	43	45	43	33
37	58	130	58	37	20	37	43	45	43	37
40	68	180	68	40	2x17,5	39	43	45	43	39
39	63	149	63	39	111	38	43	45	43	38
35	53	112	53	35	2x20	35	43	45	43	35
30	44	86	44	30		30	41	45	41	30



● F max. = 198 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-10°

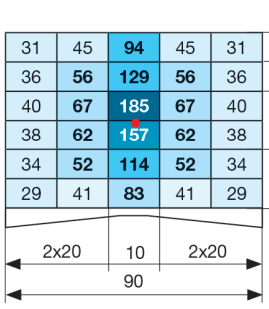
33	48	100	48	33	16	33	46	49	46	33
37	58	133	58	37	20	37	46	49	46	37
41	69	188	69	41	2x17,5	41	46	49	46	41
39	63	151	63	39	111	39	46	49	46	39
35	53	113	53	35	2x20	35	46	49	46	35
30	43	86	43	30		30	43	49	43	30



● F max. = 205 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-15°

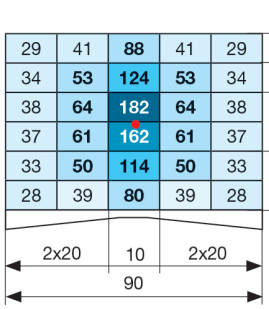
31	45	94	45	31	16	31	44	54	44	31
36	56	129	56	36	20	36	50	54	50	36
40	67	185	67	40	2x17,5	40	50	54	50	40
38	62	157	62	38	111	38	50	54	50	38
34	52	114	52	34	2x20	34	48	54	48	34
29	41	83	41	29		29	41	54	41	29



● F max. = 212 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-20°

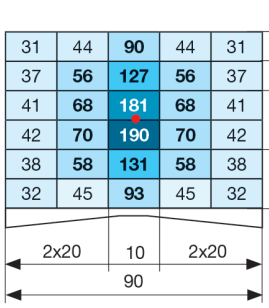
29	41	88	41	29	16	29	41	58	41	29
34	53	124	53	34	20	34	53	58	53	34
38	64	182	64	38	2x17,5	38	54	58	54	38
37	61	162	61	37	111	37	54	58	54	37
33	50	114	50	33	2x20	33	50	58	50	33
28	39	80	39	28		28	39	58	39	28



● F max. = 218 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-25°

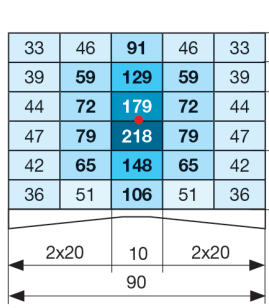
31	44	90	44	31	16	31	44	64	44	31
37	56	127	56	37	20	37	56	64	56	37
41	68	181	68	41	2x17,5	41	60	64	60	41
42	70	190	70	42	111	42	60	64	60	42
38	58	131	58	38	2x20	38	58	64	58	38
32	45	93	45	32		32	45	64	45	32



● F max. = 233 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-30°

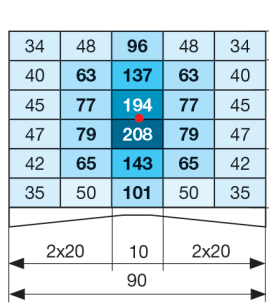
33	46	91	46	33	16	33	46	70	46	33
39	59	129	59	39	20	39	59	70	59	39
44	72	179	72	44	2x17,5	44	65	70	65	44
47	79	218	79	47	111	47	65	70	65	47
42	65	148	65	42	2x20	42	65	70	65	42
36	51	106	51	36		36	51	70	51	36



● F max. = 248 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-35°

34	48	96	48	34	16	34	48	78	48	34
40	63	137	63	40	20	40	63	78	63	40
45	77	194	77	45	2x17,5	45	72	78	72	45
47	79	208	79	47	111	47	72	78	72	47
42	65	143	65	42	2x20	42	65	78	65	42
35	50	101	50	35		35	50	78	50	35



● F max. = 254 kN
(500.000 Hub/Stroke/Course)

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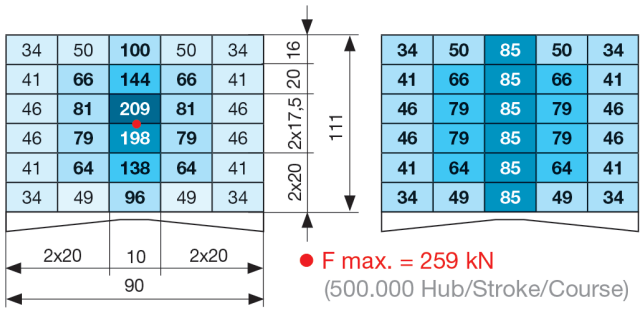
SN5650-PMOL-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

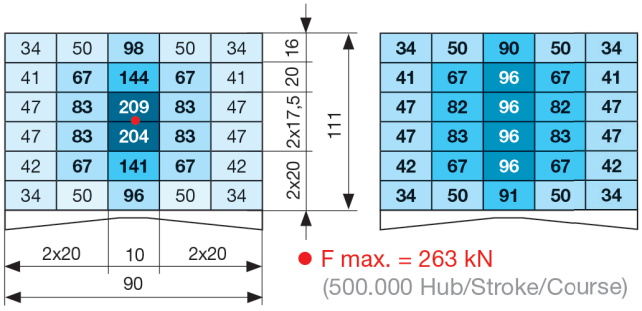
Passfeder
Fitting Key

SN5650-PMOL-0090-40°



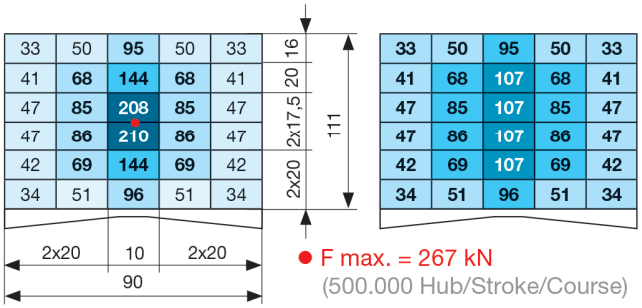
● F max. = 259 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-45°



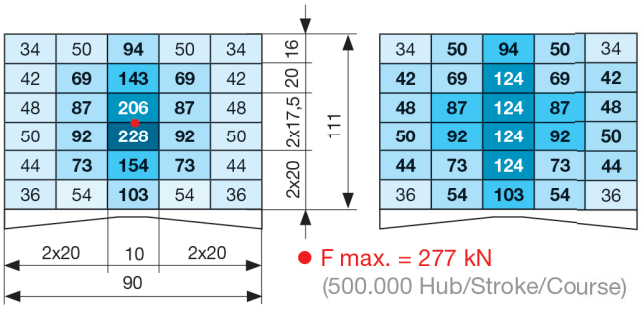
● F max. = 263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-50°



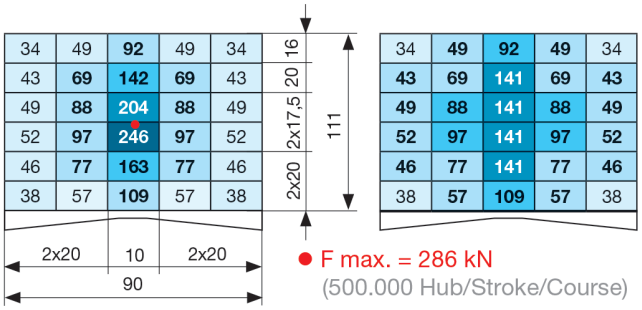
● F max. = 267 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-55°



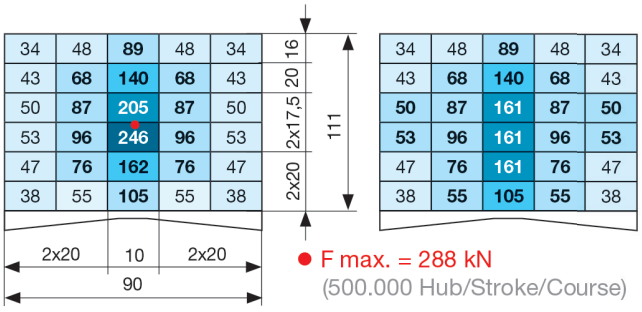
● F max. = 277 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-60°



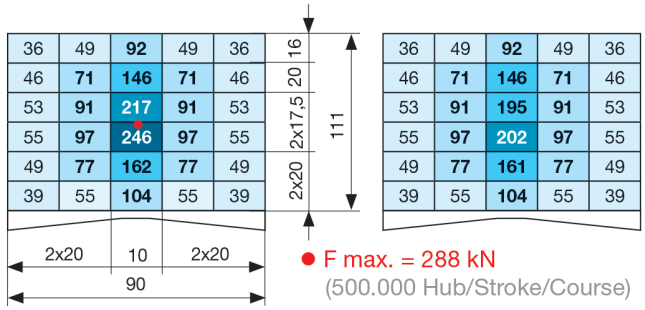
● F max. = 286 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-65°



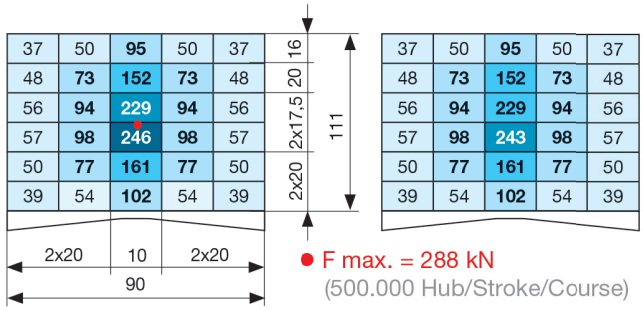
● F max. = 288 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-70°



● F max. = 288 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0090-75°



● F max. = 288 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

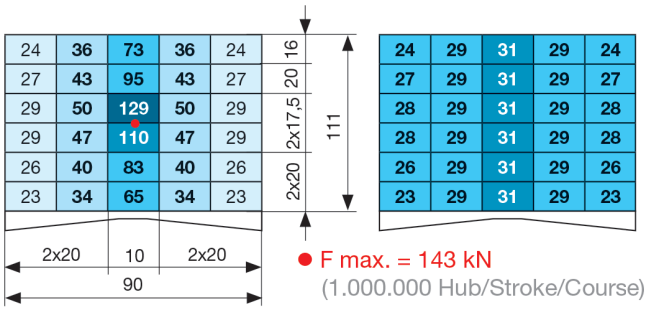
SN5650-PMOL-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

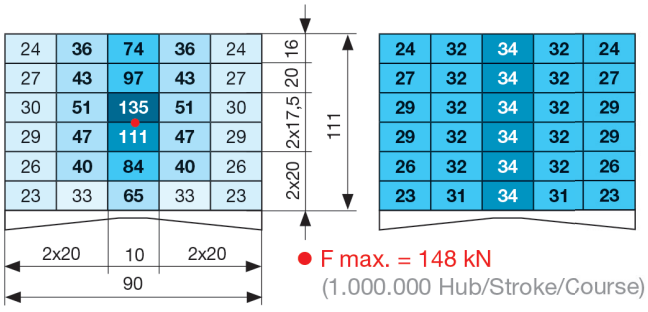
Passfeder
Fitting Key

SN5650-PMOL-0090-0°



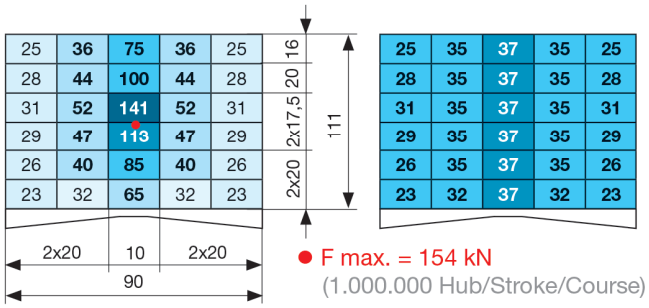
● F max. = 143 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-5°



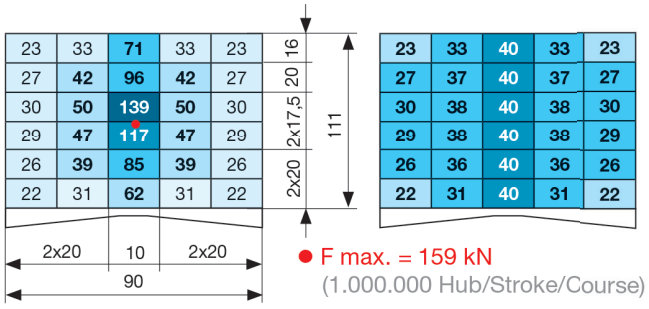
● F max. = 148 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-10°



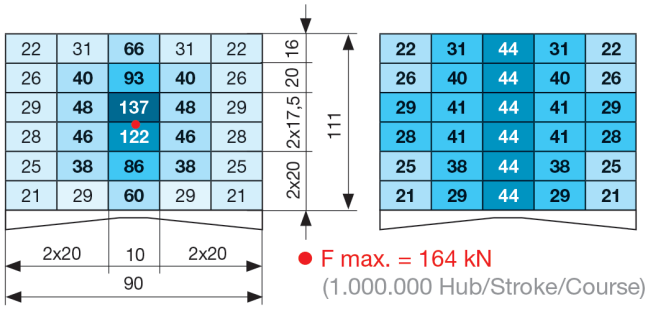
● F max. = 154 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-15°



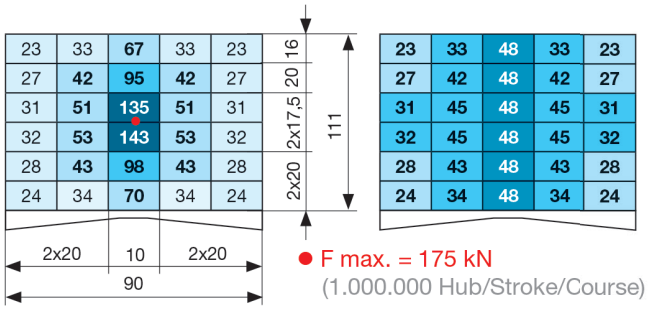
● F max. = 159 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-20°



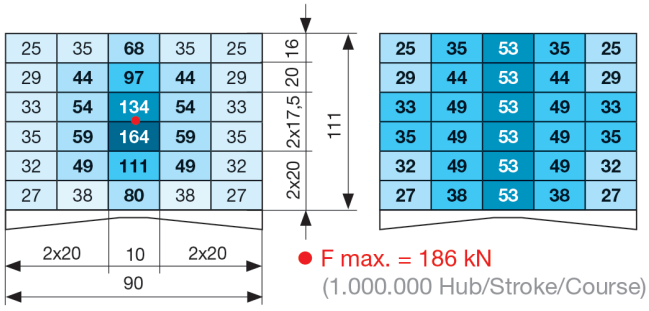
● F max. = 164 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-25°



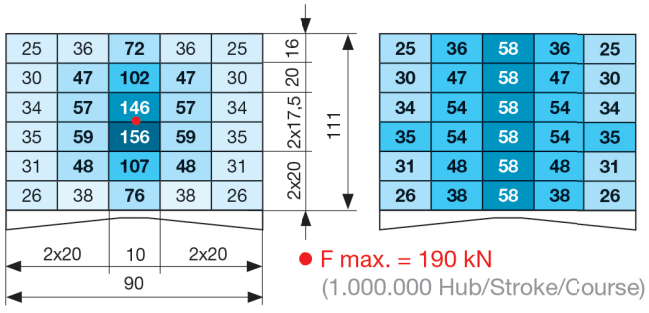
● F max. = 175 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-30°



● F max. = 186 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-35°



● F max. = 190 kN
(1.000.000 Hub/Stroke/Course)

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SN5650-PMOL-0090-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0090-40°

26	38	**75**	38	26	16
31	**50**	**108**	**50**	31	20
35	**61**	**157**	**61**	35	2x17,5
35	**59**	**149**	**59**	35	
31	**48**	**104**	**48**	31	2x20
26	37	**72**	37	26	

111

26	**38**	**64**	**38**	**26**
31	**50**	**64**	**50**	**31**
35	**59**	**64**	**59**	**35**
35	**59**	**64**	**59**	**35**
31	**48**	**64**	**48**	**31**
26	**37**	**64**	**37**	**26**

2x20 | 10 | 2x20
90

● F max. = 194 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-45°

25	38	**73**	38	25	16
31	**50**	**108**	**50**	31	20
35	**62**	**156**	**62**	35	2x17,5
35	**62**	**153**	**62**	35	
31	**50**	**106**	**50**	31	2x20
26	38	**72**	38	26	

111

25	**38**	**68**	**38**	**25**
31	**50**	**72**	**50**	**31**
35	**62**	**72**	**62**	**35**
35	**62**	**72**	**62**	**35**
31	**50**	**72**	**50**	**31**
26	**38**	**68**	**38**	**26**

2x20 | 10 | 2x20
90

● F max. = 197 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-50°

25	38	**71**	38	25	16
31	**51**	**108**	**51**	31	20
35	**64**	**156**	**64**	35	2x17,5
35	**65**	**158**	**65**	35	
32	**52**	**108**	**52**	32	2x20
26	38	**72**	38	26	

111

25	**38**	**71**	**38**	**25**
31	**51**	**80**	**51**	**31**
35	**64**	**80**	**64**	**35**
35	**65**	**80**	**65**	**35**
32	**52**	**80**	**52**	**32**
26	**38**	**72**	**38**	**26**

2x20 | 10 | 2x20
90

● F max. = 200 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-55°

25	37	**70**	37	25	16
32	**51**	**107**	**51**	32	20
36	**65**	**155**	**65**	36	2x17,5
37	**69**	**171**	**69**	37	
33	**55**	**115**	**55**	33	2x20
27	41	**77**	41	27	

111

25	**37**	**70**	**37**	**25**
32	**51**	**93**	**51**	**32**
36	**65**	**93**	**65**	**36**
37	**69**	**93**	**69**	**37**
33	**55**	**93**	**55**	**33**
27	**41**	**77**	**41**	**27**

2x20 | 10 | 2x20
90

● F max. = 207 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-60°

26	37	**69**	37	26	16
32	**52**	**107**	**52**	32	20
37	**66**	**153**	**66**	37	2x17,5
39	**73**	**185**	**73**	39	
35	**58**	**122**	**58**	35	2x20
29	43	**82**	43	29	

111

26	**37**	**69**	**37**	**26**
32	**52**	**106**	**52**	**32**
37	**66**	**106**	**66**	**37**
39	**73**	**106**	**73**	**39**
35	**58**	**106**	**58**	**35**
29	**43**	**82**	**43**	**29**

2x20 | 10 | 2x20
90

● F max. = 215 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-65°

26	36	**67**	36	26	16
32	**51**	**105**	**51**	32	20
38	**65**	**154**	**65**	38	2x17,5
40	**72**	**185**	**72**	40	
35	**57**	**122**	**57**	35	2x20
29	41	**79**	41	29	

111

26	**36**	**67**	**36**	**26**
32	**51**	**105**	**51**	**32**
38	**65**	**121**	**65**	**38**
40	**72**	**121**	**72**	**40**
35	**57**	**121**	**57**	**35**
29	**41**	**79**	**41**	**29**

2x20 | 10 | 2x20
90

● F max. = 216 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-70°

27	37	**69**	37	27	16
34	**53**	**110**	**53**	34	20
40	**68**	**163**	**68**	40	2x17,5
41	**73**	**185**	**73**	41	
36	**57**	**121**	**57**	36	2x20
29	41	**78**	41	29	

111

27	**37**	**69**	**37**	**27**
34	**53**	**110**	**53**	**34**
40	**68**	**146**	**68**	**40**
41	**73**	**152**	**73**	**41**
36	**57**	**121**	**57**	**36**
29	**41**	**78**	**41**	**29**

2x20 | 10 | 2x20
90

● F max. = 220 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0090-75°

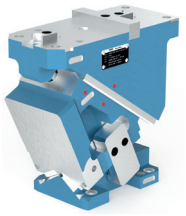
28	38	**71**	38	28	16
36	**55**	**114**	**55**	36	20
42	**71**	**172**	**71**	42	2x17,5
43	**74**	**185**	**74**	43	
38	**58**	**121**	**58**	38	2x20
29	41	**77**	41	29	

111

28	**38**	**71**	**38**	**28**
36	**55**	**114**	**55**	**36**
42	**71**	**172**	**71**	**42**
43	**74**	**182**	**74**	**43**
38	**58**	**121**	**58**	**38**
29	**41**	**77**	**41**	**29**

2x20 | 10 | 2x20
90

● F max. = 224 kN
(1.000.000 Hub/Stroke/Course)

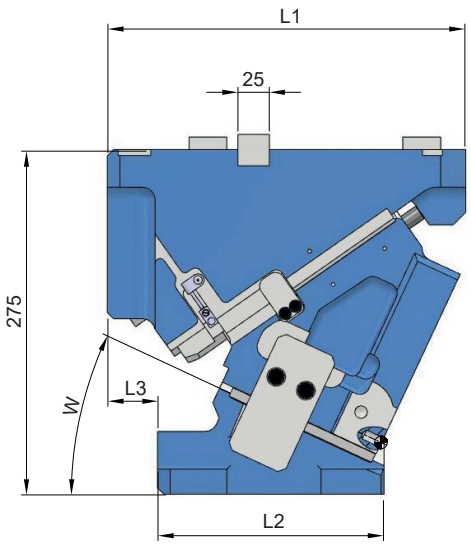


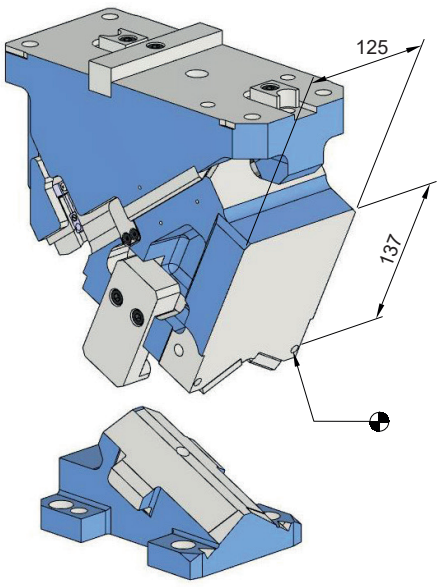
SN5650-PMOL-0125-

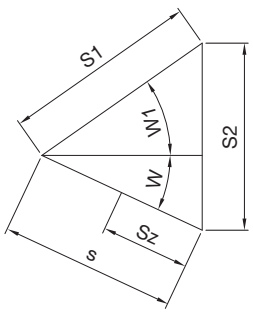
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	125 x 137 mm
Schieberbreite max.	*Cam unit width max.*	125 mm
Einbauhöhe	*Installation height*	275 mm
Schieberkraft	*Cam force*	> 276 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

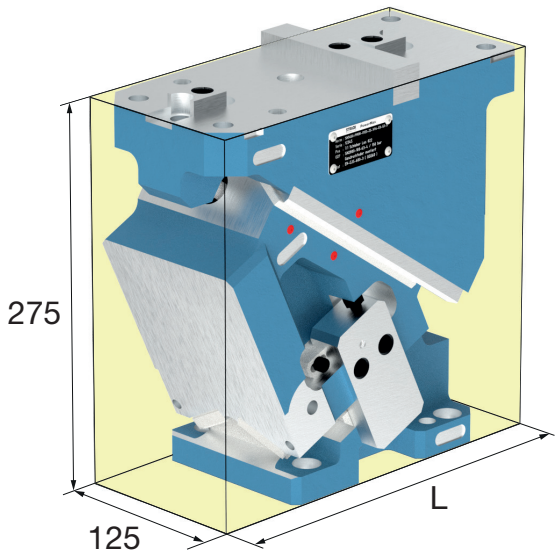
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOL-0125-

Oben hängender Schieber

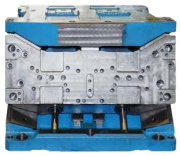
Aerial cam unit



E0



E1



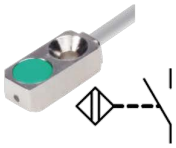
G0



S0



S1

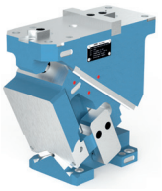


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

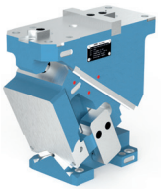
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E0-G0-S0-V04
0°	E0	G0	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E0-G0-S1-V04
0°	E0	G1	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E0-G1-S0-V04
0°	E0	G1	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E0-G1-S1-V04
0°	E1	G0	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E1-G0-S0-V04
0°	E1	G0	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E1-G0-S1-V04
0°	E1	G1	S0	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E1-G1-S0-V04
0°	E1	G1	S1	285	47	35.5	52	38	16	285	230	50	SN5650-PMOL-0125-00-E1-G1-S1-V04
5°	E0	G0	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E0-G0-S0-V04
5°	E0	G0	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E0-G0-S1-V04
5°	E0	G1	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E0-G1-S0-V04
5°	E0	G1	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E0-G1-S1-V04
5°	E1	G0	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E1-G0-S0-V04
5°	E1	G0	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E1-G0-S1-V04
5°	E1	G1	S0	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E1-G1-S0-V04
5°	E1	G1	S1	285	45	36.9	52	40	21	285	230	50	SN5650-PMOL-0125-05-E1-G1-S1-V04
10°	E0	G0	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E0-G0-S0-V04
10°	E0	G0	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E0-G0-S1-V04
10°	E0	G1	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E0-G1-S0-V04
10°	E0	G1	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E0-G1-S1-V04
10°	E1	G0	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E1-G0-S0-V04
10°	E1	G0	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E1-G0-S1-V04
10°	E1	G1	S0	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E1-G1-S0-V04
10°	E1	G1	S1	295	42	39.2	52	41.6	22	295	220	40	SN5650-PMOL-0125-10-E1-G1-S1-V04
15°	E0	G0	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E0-G0-S0-V04
15°	E0	G0	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E0-G0-S1-V04
15°	E0	G1	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E0-G1-S0-V04
15°	E0	G1	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E0-G1-S1-V04
15°	E1	G0	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E1-G0-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G0	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E1-G0-S1-V04
15°	E1	G1	S0	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E1-G1-S0-V04
15°	E1	G1	S1	295	40	41.2	52	44.1	22	295	220	40	SN5650-PMOL-0125-15-E1-G1-S1-V04
20°	E0	G0	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E0-G0-S0-V04
20°	E0	G0	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E0-G0-S1-V04
20°	E0	G1	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E0-G1-S0-V04
20°	E0	G1	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E0-G1-S1-V04
20°	E1	G0	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E1-G0-S0-V04
20°	E1	G0	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E1-G0-S1-V04
20°	E1	G1	S0	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E1-G1-S0-V04
20°	E1	G1	S1	285	37	44.2	52	46.4	27	285	180	40	SN5650-PMOL-0125-20-E1-G1-S1-V04
25°	E0	G0	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E0-G0-S0-V04
25°	E0	G0	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E0-G0-S1-V04
25°	E0	G1	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E0-G1-S0-V04
25°	E0	G1	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E0-G1-S1-V04
25°	E1	G0	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E1-G0-S0-V04
25°	E1	G0	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E1-G0-S1-V04
25°	E1	G1	S0	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E1-G1-S0-V04
25°	E1	G1	S1	285	35	47	52	49.7	32	285	180	40	SN5650-PMOL-0125-25-E1-G1-S1-V04
30°	E0	G0	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E0-G0-S0-V04
30°	E0	G0	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E0-G0-S1-V04
30°	E0	G1	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E0-G1-S0-V04
30°	E0	G1	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E0-G1-S1-V04
30°	E1	G0	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E1-G0-S0-V04
30°	E1	G0	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E1-G0-S1-V04
30°	E1	G1	S0	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E1-G1-S0-V04
30°	E1	G1	S1	300	32	50.9	52	53	37	300	162	45	SN5650-PMOL-0125-30-E1-G1-S1-V04
35°	E0	G0	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E0-G0-S0-V04
35°	E0	G0	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E0-G0-S1-V04
35°	E0	G1	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E0-G1-S0-V04
35°	E0	G1	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E0-G1-S1-V04
35°	E1	G0	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E1-G0-S0-V04
35°	E1	G0	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E1-G0-S1-V04
35°	E1	G1	S0	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E1-G1-S0-V04
35°	E1	G1	S1	300	30	55	52	57.5	37	300	162	45	SN5650-PMOL-0125-35-E1-G1-S1-V04
40°	E0	G0	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E0-G0-S0-V04
40°	E0	G0	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E0-G0-S1-V04
40°	E0	G1	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E0-G1-S0-V04
40°	E0	G1	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E0-G1-S1-V04
40°	E1	G0	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E1-G0-S0-V04
40°	E1	G0	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E1-G0-S1-V04
40°	E1	G1	S0	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E1-G1-S0-V04
40°	E1	G1	S1	305	27	54.7	47	56.5	37	305	152	30	SN5650-PMOL-0125-40-E1-G1-S1-V04
45°	E0	G0	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E0-G0-S0-V04
45°	E0	G0	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E0-G0-S1-V04
45°	E0	G1	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E0-G1-S0-V04
45°	E0	G1	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E0-G1-S1-V04
45°	E1	G0	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E1-G0-S0-V04
45°	E1	G0	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E1-G0-S1-V04
45°	E1	G1	S0	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E1-G1-S0-V04
45°	E1	G1	S1	305	25	60.2	47	62.5	42	305	152	30	SN5650-PMOL-0125-45-E1-G1-S1-V04
50°	E0	G0	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E0-G0-S0-V04
50°	E0	G0	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E0-G0-S1-V04
50°	E0	G1	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E0-G1-S0-V04
50°	E0	G1	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E0-G1-S1-V04

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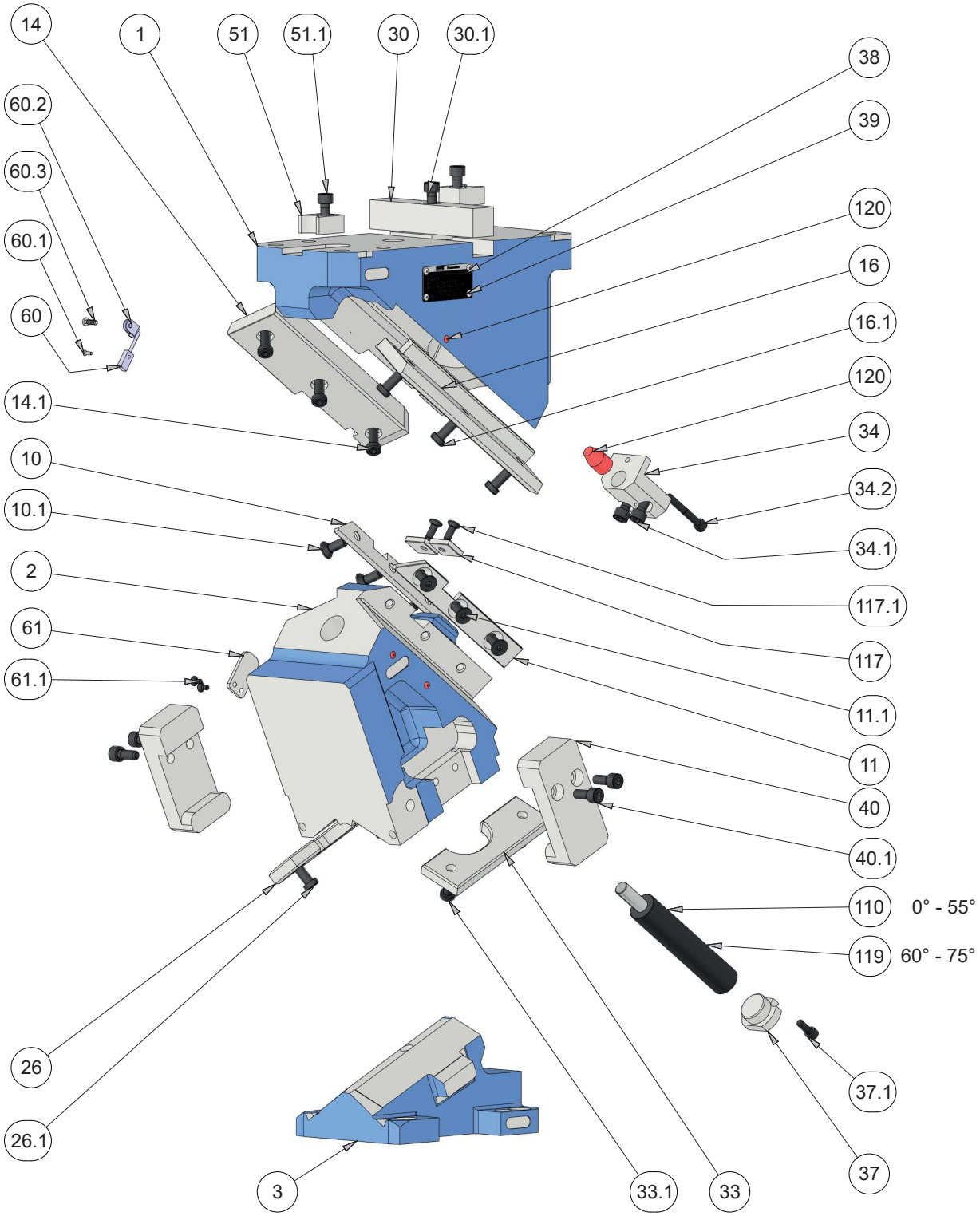
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E1-G0-S0-V04
50°	E1	G0	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E1-G0-S1-V04
50°	E1	G1	S0	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E1-G1-S0-V04
50°	E1	G1	S1	305	22	67.8	47	69.5	47	305	140	20	SN5650-PMOL-0125-50-E1-G1-S1-V04
55°	E0	G0	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E0-G0-S0-V04
55°	E0	G0	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E0-G0-S1-V04
55°	E0	G1	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E0-G1-S0-V04
55°	E0	G1	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E0-G1-S1-V04
55°	E1	G0	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E1-G0-S0-V04
55°	E1	G0	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E1-G0-S1-V04
55°	E1	G1	S0	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E1-G1-S0-V04
55°	E1	G1	S1	305	20	68.8	42	70.7	47	305	140	20	SN5650-PMOL-0125-55-E1-G1-S1-V04
60°	E0	G0	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E0-G0-S0-V04
60°	E0	G0	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E0-G0-S1-V04
60°	E0	G1	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E0-G1-S0-V04
60°	E0	G1	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E0-G1-S1-V04
60°	E1	G0	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E1-G0-S0-V04
60°	E1	G0	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E1-G0-S1-V04
60°	E1	G1	S0	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E1-G1-S0-V04
60°	E1	G1	S1	315	17	70.8	37	72.1	27	315	128	20	SN5650-PMOL-0125-60-E1-G1-S1-V04
65°	E0	G0	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E0-G0-S0-V04
65°	E0	G0	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E0-G0-S1-V04
65°	E0	G1	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E0-G1-S0-V04
65°	E0	G1	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E0-G1-S1-V04
65°	E1	G0	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E1-G0-S0-V04
65°	E1	G0	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E1-G0-S1-V04
65°	E1	G1	S0	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E1-G1-S0-V04
65°	E1	G1	S1	315	15	73.1	32	74.6	27	315	128	20	SN5650-PMOL-0125-65-E1-G1-S1-V04
70°	E0	G0	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E0-G0-S0-V04
70°	E0	G0	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E0-G0-S1-V04
70°	E0	G1	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E0-G1-S0-V04
70°	E0	G1	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E0-G1-S1-V04
70°	E1	G0	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E1-G0-S0-V04
70°	E1	G0	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E1-G0-S1-V04
70°	E1	G1	S0	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E1-G1-S0-V04
70°	E1	G1	S1	325	12	77.2	27	78.2	47	325	118	15	SN5650-PMOL-0125-70-E1-G1-S1-V04
75°	E0	G0	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E0-G0-S0-V04
75°	E0	G0	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E0-G0-S1-V04
75°	E0	G1	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E0-G1-S0-V04
75°	E0	G1	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E0-G1-S1-V04
75°	E1	G0	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E1-G0-S0-V04
75°	E1	G0	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E1-G0-S1-V04
75°	E1	G1	S0	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E1-G1-S0-V04
75°	E1	G1	S1	325	10	83.7	22	84.7	47	325	118	15	SN5650-PMOL-0125-75-E1-G1-S1-V04

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SN5650-PMOL-0125-

Bauteile

Components



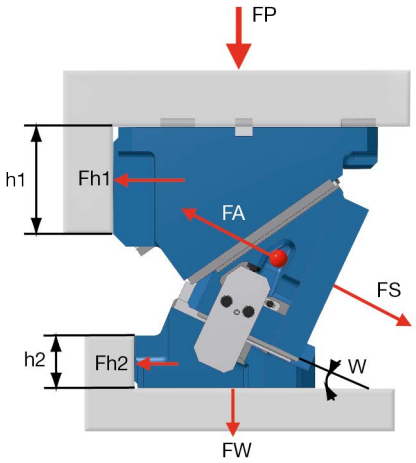
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-0125-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	276	260	276	260	0	165	30	28
05°	287	271	264	260	20	158	43	28
10°	297	283	252	260	41	150	55	27
15°	306	292	238	260	56	148	60	27
20°	315	302	225	260	71	146	65	26
25°	334	321	218	260	83	131	64	26
30°	353	341	211	260	95	115	62	25
35°	361	349	196	260	98	108	73	28
40°	368	357	180	260	101	100	84	30
45°	375	365	165	260	99	86	94	30
50°	381	372	149	260	96	72	103	30
55°	381	373	131	260	87	71	115	30
60°	380	374	113	260	77	70	127	29
65°	384	377	100	260	63	70	125	30
70°	401	395	86	260	49	64	128	30
75°	417	413	71	260	36	58	130	30



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	207	196	207	196	0	165	30	28
05°	215	204	198	185	15	158	43	28
10°	223	213	189	174	31	150	55	27
15°	230	220	179	160	42	148	60	27
20°	236	227	169	146	53	146	65	26
25°	251	242	163	135	62	131	64	26
30°	265	256	158	123	71	115	62	25
35°	270	262	147	107	74	108	73	28
40°	276	268	135	91	76	100	84	30
45°	281	274	123	76	74	86	94	30
50°	286	280	111	61	72	72	103	30
55°	285	280	98	47	65	71	115	30
60°	285	280	84	34	58	70	127	29
65°	288	283	75	22	47	70	125	30
70°	300	296	64	15	37	64	128	30
75°	313	309	53	7	28	58	130	30

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

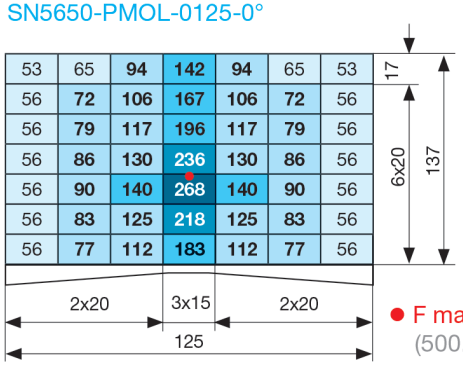
SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0125-0°

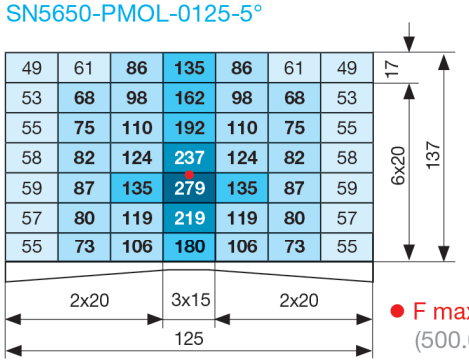


53	65	94	142	94	65	53
56	72	106	167	106	72	56
56	79	117	196	117	79	56
56	86	130	236	130	86	56
56	90	140	268	140	90	56
56	83	125	218	125	83	56
56	77	112	183	112	77	56

53	57	61	61	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53
53	57	61	65	61	57	53

● F max. = 276 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-5°

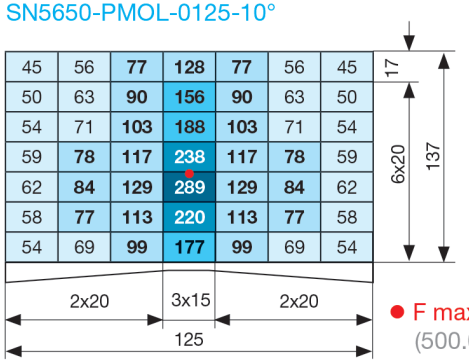


49	61	86	135	86	61	49
53	68	98	162	98	68	53
55	75	110	192	110	75	55
58	82	124	237	124	82	58
59	87	135	279	135	87	59
57	80	119	219	119	80	57
55	73	106	180	106	73	55

49	57	66	66	66	57	49
52	60	66	71	66	60	52
54	62	66	71	66	62	54
56	62	66	71	66	62	56
57	62	66	71	66	62	57
56	62	66	71	66	62	56
54	62	66	71	66	62	54

● F max. = 287 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-10°

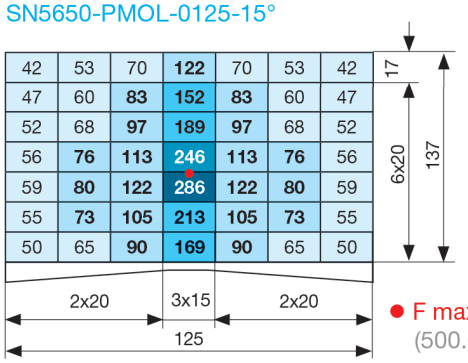


45	56	77	128	77	56	45
50	63	90	156	90	63	50
54	71	103	188	103	71	54
59	78	117	238	117	78	59
62	84	129	289	129	84	62
58	77	113	220	113	77	58
54	69	99	177	99	69	54

45	56	71	71	71	56	45
50	63	71	77	71	63	50
54	66	71	77	71	66	54
59	66	71	77	71	66	59
60	66	71	77	71	66	60
58	66	71	77	71	66	58
54	66	71	77	71	66	54

● F max. = 297 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-15°



42	53	70	122	70	53	42
47	60	83	152	83	60	47
52	68	97	189	97	68	52
56	76	113	246	113	76	56
59	80	122	286	122	80	59
55	73	105	213	105	73	55
50	65	90	169	90	65	50

42	53	67	67	67	53	42
47	60	73	84	73	60	47
52	66	77	84	77	66	52
56	70	77	84	77	70	56
58	70	77	84	77	70	58
55	67	77	84	77	67	55
50	63	76	84	76	63	50

● F max. = 306 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0125-

Schieberkräfte

Cam Force

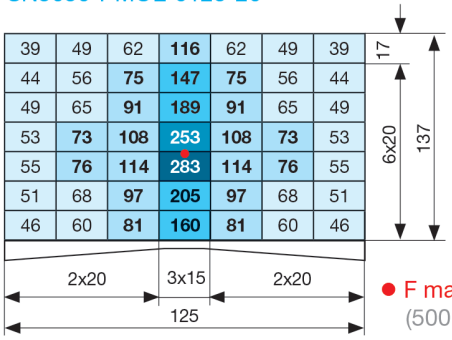
Abschulterung

Shouldering

Passfeder

Fitting Key

SN5650-PMOL-0125-20°

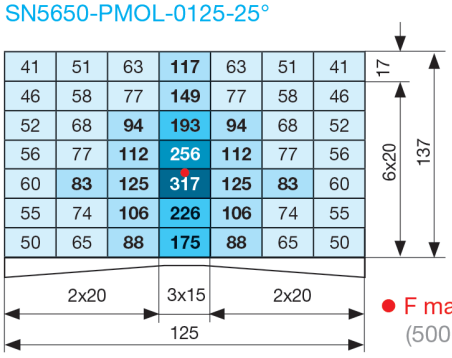


39	49	62	**116**	62	49	39
44	56	**75**	**147**	**75**	56	44
49	65	**91**	**189**	**91**	65	49
53	**73**	**108**	**253**	**108**	**73**	53
55	**76**	**114**	**283**	**114**	**76**	55
51	68	**97**	**205**	**97**	68	51
46	60	**81**	**160**	**81**	60	46

39	49	62	**62**	62	49	39
44	56	75	**91**	75	56	44
49	65	82	**91**	82	65	49
53	73	82	**91**	82	73	53
55	73	82	**91**	82	73	55
51	68	82	**91**	82	68	51
46	60	81	**91**	81	60	46

● F max. = 315 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-25°

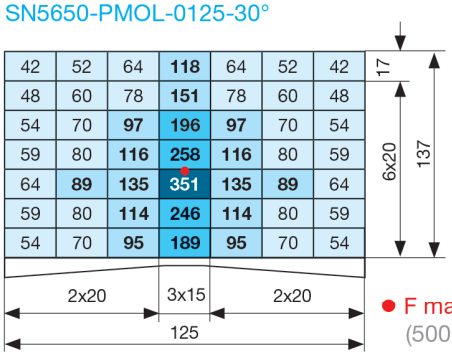


41	51	63	**117**	63	51	41
46	58	77	**149**	77	58	46
52	68	**94**	**193**	**94**	68	52
56	77	**112**	**256**	**112**	77	56
60	**83**	**125**	**317**	**125**	**83**	60
55	74	**106**	**226**	**106**	74	55
50	65	**88**	**175**	**88**	65	50

41	51	63	**86**	63	51	41
46	58	77	**101**	77	58	46
52	68	90	**101**	90	68	52
56	77	90	**101**	90	77	56
60	80	90	**101**	90	80	60
55	74	90	**101**	90	74	55
50	65	88	**101**	88	65	50

● F max. = 334 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-30°

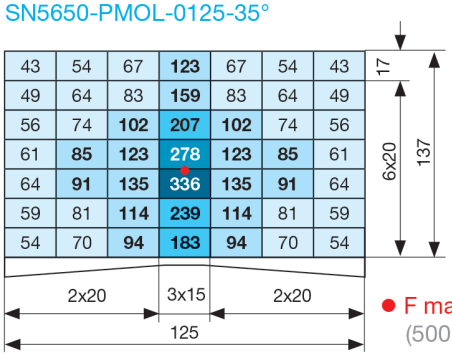


42	52	64	**118**	64	52	42
48	60	78	**151**	78	60	48
54	70	**97**	**196**	**97**	70	54
59	80	**116**	**258**	**116**	80	59
64	**89**	**135**	**351**	**135**	**89**	64
59	80	**114**	**246**	**114**	80	59
54	70	**95**	**189**	**95**	70	54

42	52	64	**110**	64	52	42
48	60	78	**110**	78	60	48
54	70	97	**110**	97	70	54
59	80	98	**110**	98	80	59
64	87	98	**110**	98	87	64
59	80	98	**110**	98	80	59
54	70	95	**110**	95	70	54

● F max. = 353 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-35°



43	54	67	**123**	67	54	43
49	64	83	**159**	83	64	49
56	74	**102**	**207**	**102**	74	56
61	**85**	**123**	**278**	**123**	**85**	61
64	**91**	**135**	**336**	**135**	**91**	64
59	81	**114**	**239**	**114**	81	59
54	70	**94**	**183**	**94**	70	54

43	54	67	**119**	67	54	43
49	64	83	**122**	83	64	49
56	74	102	**122**	102	74	56
61	85	109	**122**	109	85	61
64	90	109	**122**	109	90	64
59	81	106	**122**	106	81	59
54	70	94	**122**	94	70	54

● F max. = 361 kN
(500.000 Hub/Stroke/Course)

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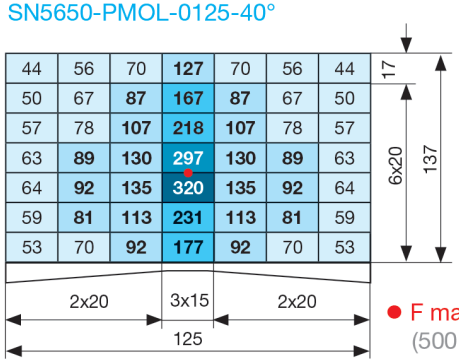
SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0125-40°

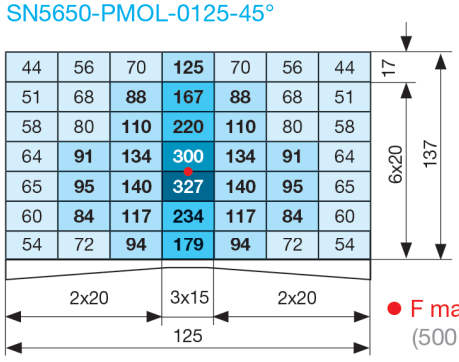


44	56	70	**127**	70	56	44
50	67	**87**	**167**	**87**	67	50
57	78	**107**	**218**	**107**	78	57
63	**89**	**130**	**297**	**130**	**89**	63
64	**92**	**135**	**320**	**135**	**92**	64
59	**81**	**113**	**231**	**113**	**81**	59
53	70	**92**	**177**	**92**	70	53

44	**56**	**70**	**127**	**70**	**56**	**44**
50	**67**	**87**	**134**	**87**	**67**	**50**
57	**78**	**107**	**134**	**107**	**78**	**57**
63	**89**	**120**	**134**	**120**	**89**	**63**
64	**92**	**120**	**134**	**120**	**92**	**64**
59	**81**	**113**	**134**	**113**	**81**	**59**
53	**70**	**92**	**134**	**92**	**70**	**53**

● F max. = 368 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-45°

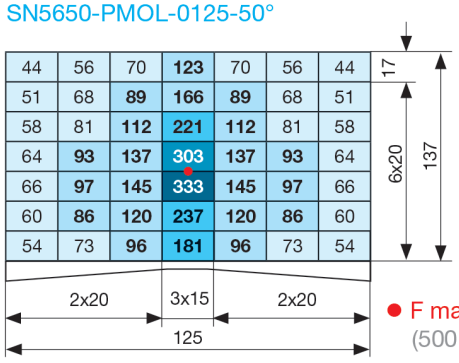


44	56	70	**125**	70	56	44
51	68	**88**	**167**	**88**	68	51
58	80	**110**	**220**	**110**	80	58
64	**91**	**134**	**300**	**134**	**91**	64
65	**95**	**140**	**327**	**140**	**95**	65
60	**84**	**117**	**234**	**117**	**84**	60
54	72	**94**	**179**	**94**	72	54

44	56	70	**125**	70	56	44
51	**68**	**88**	**150**	**88**	**68**	**51**
58	**80**	**110**	**152**	**110**	**80**	**58**
64	**91**	**129**	**152**	**129**	**91**	**64**
65	**95**	**133**	**152**	**133**	**95**	**65**
60	**84**	**117**	**152**	**117**	**84**	**60**
54	**72**	**94**	**152**	**94**	**72**	**54**

● F max. = 375 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-50°

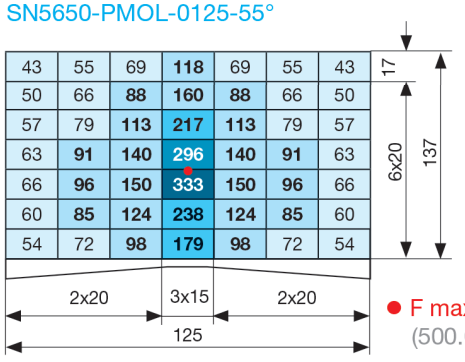


44	56	70	**123**	70	56	44
51	68	**89**	**166**	**89**	68	51
58	81	**112**	**221**	**112**	81	58
64	**93**	**137**	**303**	**137**	**93**	64
66	**97**	**145**	**333**	**145**	**97**	66
60	**86**	**120**	**237**	**120**	**86**	60
54	73	**96**	**181**	**96**	73	54

44	56	70	**123**	70	56	44
51	**68**	**89**	**166**	**89**	**68**	**51**
58	**81**	**112**	**169**	**112**	**81**	**58**
64	**93**	**137**	**169**	**137**	**93**	**64**
66	**97**	**145**	**169**	**145**	**97**	**66**
60	**86**	**120**	**169**	**120**	**86**	**60**
54	**73**	**96**	**169**	**96**	**73**	**54**

● F max. = 381 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0125-55°



43	55	69	**118**	69	55	43
50	66	**88**	**160**	**88**	66	50
57	79	**113**	**217**	**113**	79	57
63	**91**	**140**	**296**	**140**	**91**	63
66	**96**	**150**	**333**	**150**	**96**	66
60	**85**	**124**	**238**	**124**	**85**	60
54	72	**98**	**179**	**98**	72	54

43	55	**69**	**118**	**69**	55	43
50	**66**	**88**	**160**	**88**	**66**	50
57	**79**	**113**	**191**	**113**	**79**	57
63	**91**	**140**	**196**	**140**	**91**	**63**
66	**96**	**150**	**196**	**150**	**96**	**66**
60	**85**	**124**	**196**	**124**	**85**	**60**
54	**72**	**98**	**173**	**98**	**72**	54

● F max. = 381 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

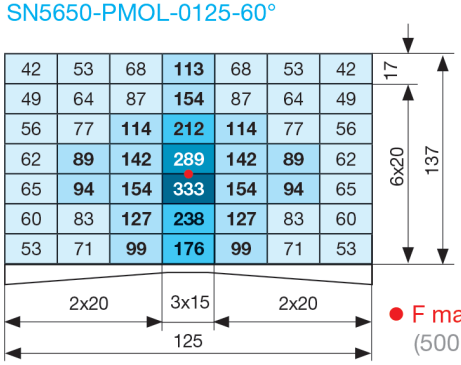
SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0125-60°

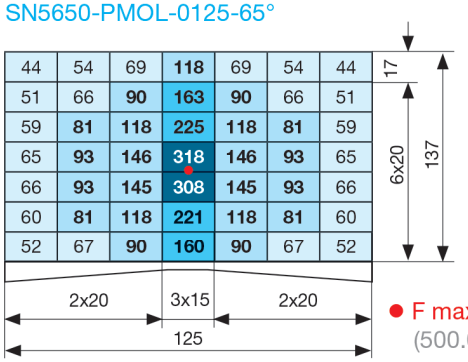


42	53	68	**113**	68	53	42
49	64	87	**154**	87	64	49
56	77	114	**212**	114	77	56
62	89	142	**289**	142	89	62
65	94	154	**333**	154	94	65
60	83	127	**238**	127	83	60
53	71	99	**176**	99	71	53

● F max. = 380 kN
(500.000 Hub/Stroke/Course)

42	53	68	**113**	68	53	42
49	64	**87**	**154**	**87**	64	49
56	**77**	114	**212**	114	**77**	56
62	89	142	**222**	142	89	62
65	94	154	**222**	154	94	65
60	**83**	127	**222**	127	**83**	60
53	**71**	99	**176**	99	**71**	53

SN5650-PMOL-0125-65°

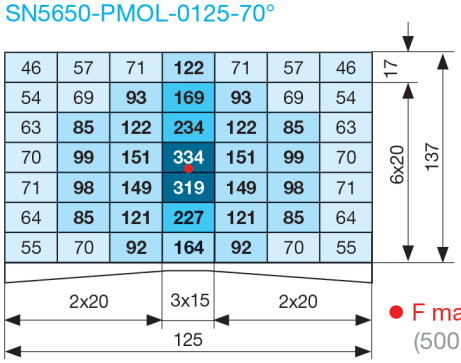


44	54	69	**118**	69	54	44
51	66	90	**163**	90	66	51
59	81	118	**225**	118	81	59
65	93	146	**318**	146	93	65
66	93	145	**308**	145	93	66
60	81	118	**221**	118	81	60
52	67	90	**160**	90	67	52

● F max. = 384 kN
(500.000 Hub/Stroke/Course)

44	54	69	**118**	69	54	44
51	66	90	**163**	90	66	51
59	81	118	**225**	118	81	59
65	93	146	**254**	146	93	65
66	93	145	**254**	145	93	66
60	81	118	**221**	118	81	60
52	67	90	**160**	90	67	52

SN5650-PMOL-0125-70°

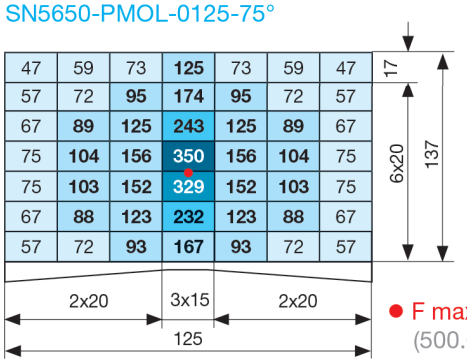


46	57	71	**122**	71	57	46
54	69	93	**169**	93	69	54
63	85	122	**234**	122	85	63
70	99	151	**334**	151	99	70
71	98	149	**319**	149	98	71
64	85	121	**227**	121	85	64
55	70	92	**164**	92	70	55

● F max. = 401 kN
(500.000 Hub/Stroke/Course)

46	57	71	**122**	71	57	46
54	69	**93**	**169**	**93**	69	54
63	85	122	**234**	122	85	63
70	**99**	**151**	**302**	**151**	**99**	70
71	**98**	**149**	**292**	**149**	**98**	71
64	85	121	**227**	121	85	64
55	70	**92**	**164**	**92**	70	55

SN5650-PMOL-0125-75°



47	59	73	**125**	73	59	47
57	72	95	**174**	95	72	57
67	89	125	**243**	125	89	67
75	104	156	**350**	156	104	75
75	103	152	**329**	152	103	75
67	88	123	**232**	123	88	67
57	72	93	**167**	93	72	57

● F max. = 417 kN
(500.000 Hub/Stroke/Course)

48	59	73	**125**	73	59	48
57	72	95	**174**	95	72	57
67	89	**125**	**243**	**125**	89	67
75	104	**156**	**350**	**156**	104	75
75	103	**152**	**329**	**152**	103	75
67	88	**123**	**232**	**123**	88	67
57	72	93	**167**	93	72	57

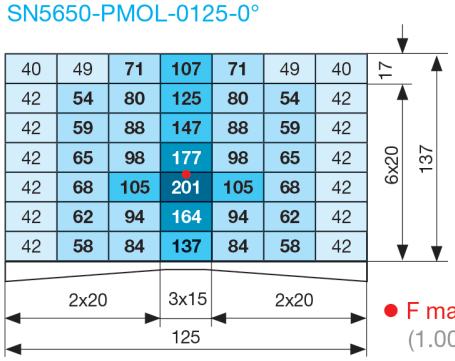
SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0125-0°

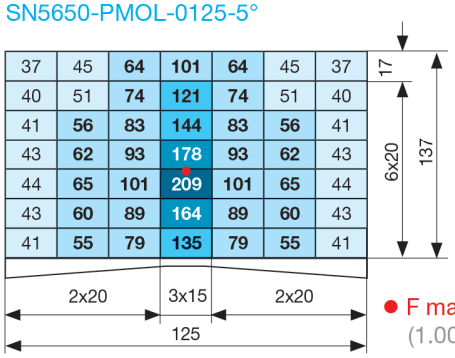


40	49	71	107	71	49	40
42	54	80	125	80	54	42
42	59	88	147	88	59	42
42	65	98	177	98	65	42
42	68	105	201	105	68	42
42	62	94	164	94	62	42
42	58	84	137	84	58	42

40	43	46	46	46	43	40
40	43	46	49	46	43	40
40	43	46	49	46	43	40
40	43	46	49	46	43	40
40	43	46	49	46	43	40
40	43	46	49	46	43	40
40	43	46	49	46	43	40

● F max. = 207 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0125-5°

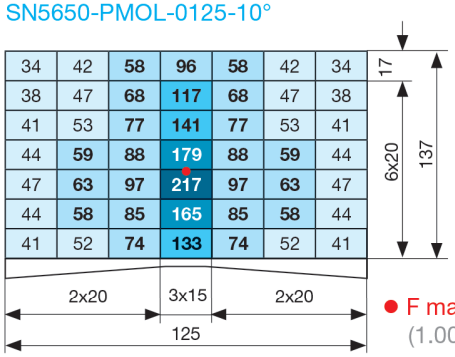


37	45	64	101	64	45	37
40	51	74	121	74	51	40
41	56	83	144	83	56	41
43	62	93	178	93	62	43
44	65	101	209	101	65	44
43	60	89	164	89	60	43
41	55	79	135	79	55	41

37	42	50	50	50	42	37
39	45	50	53	50	45	39
40	46	50	53	50	46	40
42	46	50	53	50	46	42
42	46	50	53	50	46	42
42	46	50	53	50	46	42
40	46	50	53	50	46	40

● F max. = 215 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0125-10°

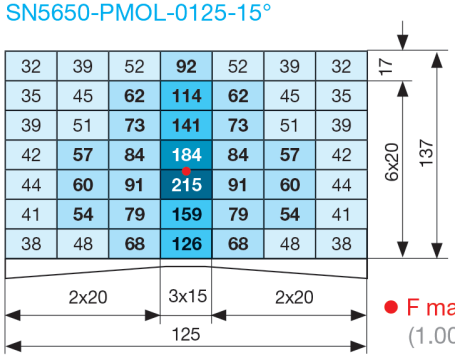


34	42	58	96	58	42	34
38	47	68	117	68	47	38
41	53	77	141	77	53	41
44	59	88	179	88	59	44
47	63	97	217	97	63	47
44	58	85	165	85	58	44
41	52	74	133	74	52	41

34	42	53	53	53	42	34
38	47	53	58	53	47	38
41	50	53	58	53	50	41
44	50	53	58	53	50	44
45	50	53	58	53	50	45
44	50	53	58	53	50	44
41	50	53	58	53	50	41

● F max. = 223 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0125-15°



32	39	52	92	52	39	32
35	45	62	114	62	45	35
39	51	73	141	73	51	39
42	57	84	184	84	57	42
44	60	91	215	91	60	44
41	54	79	159	79	54	41
38	48	68	126	68	48	38

32	39	50	50	50	39	32
35	45	55	63	55	45	35
39	49	57	63	57	49	39
42	52	57	63	57	52	42
43	52	57	63	57	52	43
41	50	57	63	57	50	41
38	47	57	63	57	47	38

● F max. = 230 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0125-20°

29	37	47	**87**	47	37	29	17
33	42	**56**	**110**	**56**	42	33	6x20
37	49	**68**	**142**	**68**	49	37	
40	**55**	**81**	**190**	**81**	**55**	40	
41	**57**	**86**	**212**	**86**	**57**	41	
38	51	**73**	**154**	**73**	51	38	
35	45	**61**	**120**	**61**	45	35	137

2x20 | 3x15 | 2x20 — 125

29	37	47	47	47	37	29
33	42	56	68	56	42	33
37	49	62	68	62	49	37
40	55	62	68	62	55	40
41	55	62	68	62	55	41
38	51	62	68	62	51	38
35	45	61	68	61	45	35

● F max. = 236 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0125-25°

30	38	47	**88**	47	38	30	17
35	44	57	**112**	57	44	35	6x20
39	51	**71**	**144**	**71**	51	39	
42	57	**84**	**192**	**84**	57	42	
45	**62**	**93**	**238**	**93**	**62**	45	
41	56	**79**	**169**	**79**	56	41	
38	49	**66**	**131**	**66**	49	38	137

2x20 | 3x15 | 2x20 — 125

30	38	47	65	47	38	30
35	44	57	75	57	44	35
39	51	67	75	67	51	39
42	57	68	75	68	57	42
45	60	68	75	68	60	45
41	56	68	75	68	56	41
38	49	66	75	66	49	38

● F max. = 251 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0125-30°

32	39	48	**89**	48	39	32	17
36	45	59	**113**	59	45	36	6x20
41	53	**73**	**147**	**73**	53	41	
44	60	**87**	**194**	**87**	60	44	
48	**67**	**101**	**263**	**101**	**67**	48	
44	60	**86**	**185**	**86**	60	44	
41	53	**71**	**142**	**71**	53	41	137

2x20 | 3x15 | 2x20 — 125

32	39	48	83	48	39	32
36	45	59	83	59	45	36
41	53	73	83	73	53	41
44	60	74	83	74	60	44
48	65	74	83	74	65	48
44	60	74	83	74	60	44
41	53	71	83	71	53	41

● F max. = 265 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0125-35°

32	41	50	**92**	50	41	32	17
37	48	62	**119**	62	48	37	6x20
42	56	**77**	**155**	**77**	56	42	
46	**63**	**92**	**208**	**92**	**63**	46	
48	**68**	**101**	**252**	**101**	**68**	48	
44	60	**85**	**179**	**85**	60	44	
40	53	**70**	**137**	**70**	53	40	137

2x20 | 3x15 | 2x20 — 125

32	41	50	89	50	41	32
37	48	62	92	62	48	37
42	56	77	92	77	56	42
46	63	82	92	82	63	46
48	67	82	92	82	67	48
44	60	79	92	79	60	44
40	53	70	92	70	53	40

● F max. = 270 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0125-40°

33	42	53	**95**	53	42	33	17
38	50	**65**	**125**	**65**	50	38	6x20
43	59	**80**	**164**	**80**	59	43	137
47	**67**	**98**	**223**	**98**	**67**	47	
48	**69**	**101**	**240**	**101**	**69**	48	
44	**61**	**85**	**173**	**85**	**61**	44	
40	53	**69**	**133**	**69**	53	40	

2x20 | 3x15 | 2x20 = 125

- F max. = 276 kN
(1.000.000 Hub/Stroke/Course)

33	**42**	**53**	**95**	**53**	**42**	**33**
38	**50**	**65**	**101**	**65**	**50**	**38**
43	**59**	**80**	**101**	**80**	**59**	**43**
47	**67**	**90**	**101**	**90**	**67**	**47**
48	**69**	**90**	**101**	**90**	**69**	**48**
44	**61**	**85**	**101**	**85**	**61**	**44**
40	**53**	**69**	**101**	**69**	**53**	**40**

SN5650-PMOL-0125-45°

33	42	53	**94**	53	42	33	17
38	51	**66**	**125**	**66**	51	38	6x20
43	60	**82**	**165**	**82**	60	43	137
48	**68**	**100**	**225**	**100**	**68**	48	
49	**71**	**105**	**245**	**105**	**71**	49	
45	**63**	**87**	**176**	**87**	**63**	45	
40	54	**71**	**134**	**71**	54	40	

2x20 | 3x15 | 2x20 = 125

- F max. = 281 kN
(1.000.000 Hub/Stroke/Course)

33	**42**	**53**	**94**	**53**	**42**	33
38	**51**	**66**	**113**	**66**	**51**	**38**
43	**60**	**82**	**114**	**82**	**60**	**43**
48	**68**	**96**	**114**	**96**	**68**	**48**
49	**71**	**99**	**114**	**99**	**71**	**49**
45	**63**	**87**	**114**	**87**	**63**	**45**
40	**54**	**71**	**114**	**71**	**54**	**40**

SN5650-PMOL-0125-50°

33	42	53	**92**	53	42	33	17
38	51	**67**	**125**	**67**	51	38	6x20
44	61	**84**	**166**	**84**	61	44	137
48	**70**	**103**	**227**	**103**	**70**	48	
50	**73**	**109**	**250**	**109**	**73**	50	
45	**65**	**90**	**178**	**90**	**65**	45	
41	55	**72**	**136**	**72**	55	41	

2x20 | 3x15 | 2x20 = 125

- F max. = 286 kN
(1.000.000 Hub/Stroke/Course)

33	**42**	**53**	**92**	**53**	**42**	33
38	**51**	**67**	**125**	**67**	**51**	**38**
44	**61**	**84**	**127**	**84**	**61**	**44**
48	**70**	**103**	**127**	**103**	**70**	**48**
50	**73**	**109**	**127**	**109**	**73**	**50**
45	**65**	**90**	**127**	**90**	**65**	**45**
41	**55**	**72**	**127**	**72**	**55**	**41**

SN5650-PMOL-0125-55°

32	41	52	**89**	52	41	32	17
38	50	**66**	**120**	**66**	50	38	6x20
43	59	**85**	**162**	**85**	59	43	137
47	**68**	**105**	**222**	**105**	**68**	47	
49	**72**	**112**	**250**	**112**	**72**	49	
45	**63**	**93**	**178**	**93**	**63**	45	
40	54	**73**	**134**	**73**	54	40	

2x20 | 3x15 | 2x20 = 125

- F max. = 285 kN
(1.000.000 Hub/Stroke/Course)

32	41	**52**	**89**	**52**	41	32
38	**50**	**66**	**120**	**66**	**50**	38
43	**59**	**85**	**143**	**85**	**59**	43
47	**68**	**105**	**147**	**105**	**68**	**47**
49	**72**	**112**	**147**	**112**	**72**	**49**
45	**63**	**93**	**147**	**93**	**63**	**45**
40	**54**	**73**	**129**	**73**	**54**	40

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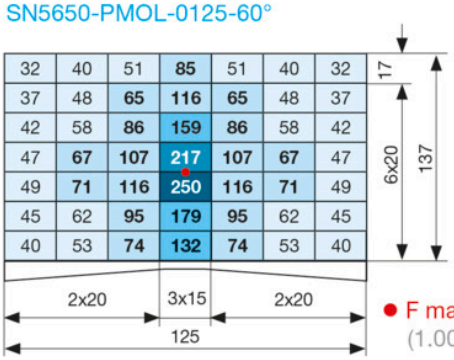
SN5650-PMOL-0125-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

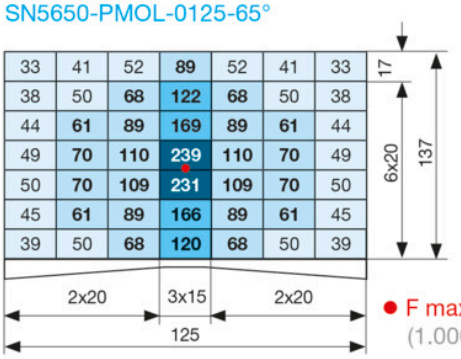
SN5650-PMOL-0125-60°



● F max. = 285 kN
(1.000.000 Hub/Stroke/Course)

32	40	51	85	51	40	32
37	48	65	116	65	48	37
42	58	86	159	86	58	42
47	67	107	167	107	67	47
49	71	116	167	116	71	49
45	62	95	167	95	62	45
40	53	74	132	74	53	40

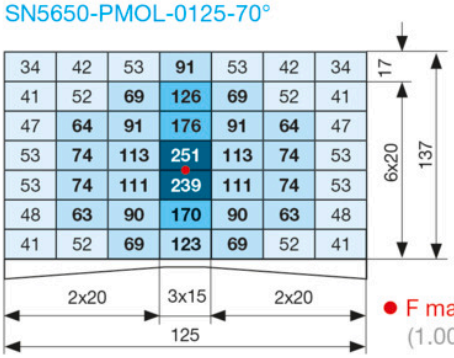
SN5650-PMOL-0125-65°



● F max. = 288 kN
(1.000.000 Hub/Stroke/Course)

33	41	52	89	52	41	33
38	50	68	122	68	50	38
44	61	89	169	89	61	44
49	70	110	191	110	70	49
50	70	109	191	109	70	50
45	61	89	166	89	61	45
39	50	68	120	68	50	39

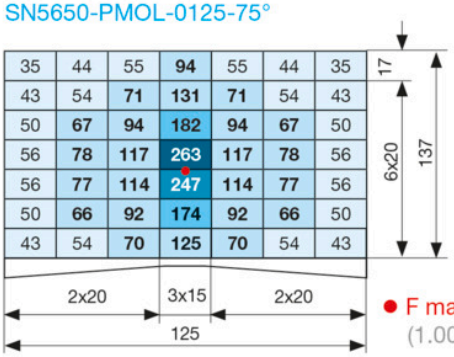
SN5650-PMOL-0125-70°



● F max. = 300 kN
(1.000.000 Hub/Stroke/Course)

35	42	53	91	53	42	35
41	52	69	126	69	52	41
47	64	91	176	91	64	47
53	74	113	227	113	74	53
53	74	111	219	111	74	53
48	63	90	170	90	63	48
41	52	69	123	69	52	41

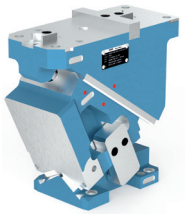
SN5650-PMOL-0125-75°



● F max. = 313 kN
(1.000.000 Hub/Stroke/Course)

36	44	55	94	55	44	36
43	54	71	131	71	54	43
50	67	94	182	94	67	50
56	78	117	263	117	78	56
56	77	114	247	114	77	56
50	66	92	174	92	66	50
43	54	70	125	70	54	43

D 1801D 06.2022

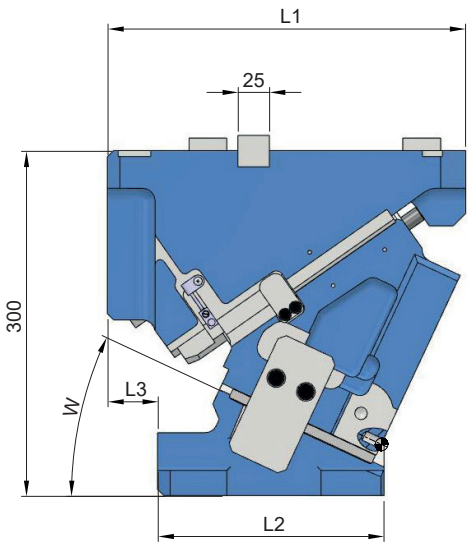


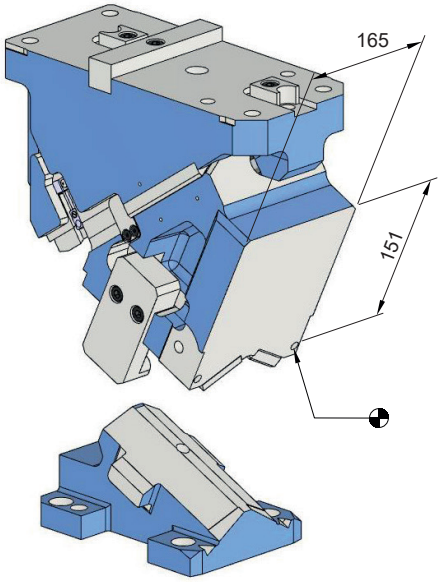
SN5650-PMOL-0165-

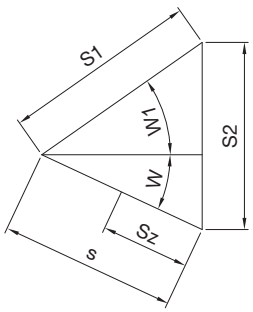
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	165 x 151 mm
Schieberbreite max.	*Cam unit width max.*	165 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 421 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



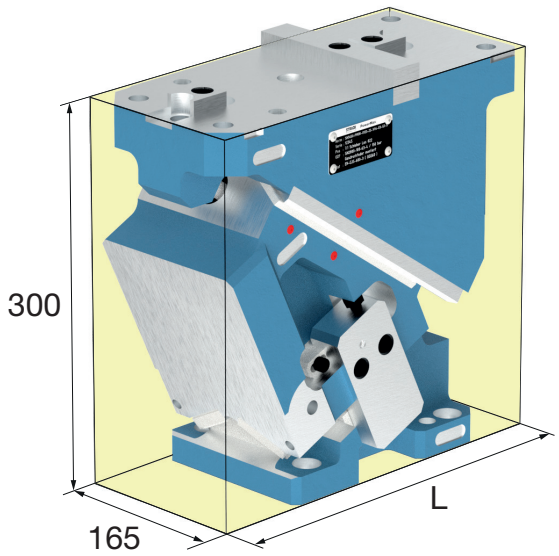
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOL-0165-

Oben hängender Schieber

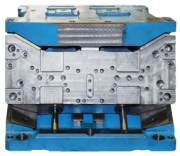
Aerial cam unit



E0



E1



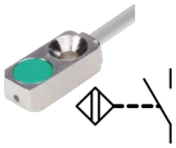
G0



S0



S1

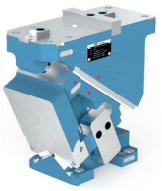


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

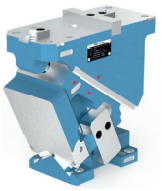
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E0-G0-S0-V04
0°	E0	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E0-G0-S1-V04
0°	E0	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E0-G1-S0-V04
0°	E0	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E0-G1-S1-V04
0°	E1	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E1-G0-S0-V04
0°	E1	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E1-G0-S1-V04
0°	E1	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E1-G1-S0-V04
0°	E1	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0165-00-E1-G1-S1-V04
5°	E0	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E0-G0-S0-V04
5°	E0	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E0-G0-S1-V04
5°	E0	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E0-G1-S0-V04
5°	E0	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E0-G1-S1-V04
5°	E1	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E1-G0-S0-V04
5°	E1	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E1-G0-S1-V04
5°	E1	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E1-G1-S0-V04
5°	E1	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0165-05-E1-G1-S1-V04
10°	E0	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E0-G0-S0-V04
10°	E0	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E0-G0-S1-V04
10°	E0	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E0-G1-S0-V04
10°	E0	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E0-G1-S1-V04
10°	E1	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E1-G0-S0-V04
10°	E1	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E1-G0-S1-V04
10°	E1	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E1-G1-S0-V04
10°	E1	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0165-10-E1-G1-S1-V04
15°	E0	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E0-G0-S0-V04
15°	E0	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E0-G0-S1-V04
15°	E0	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E0-G1-S0-V04
15°	E0	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E0-G1-S1-V04
15°	E1	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E1-G0-S0-V04
15°	E1	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E1-G0-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E1-G1-S0-V04
15°	E1	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0165-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0165-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0165-25-E1-G1-S1-V04
30°	E0	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E0-G0-S0-V04
30°	E0	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E0-G0-S1-V04
30°	E0	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E0-G1-S0-V04
30°	E0	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E0-G1-S1-V04
30°	E1	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E1-G0-S0-V04
30°	E1	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E1-G0-S1-V04
30°	E1	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E1-G1-S0-V04
30°	E1	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0165-30-E1-G1-S1-V04
35°	E0	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E0-G0-S0-V04
35°	E0	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E0-G0-S1-V04
35°	E0	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E0-G1-S0-V04
35°	E0	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E0-G1-S1-V04
35°	E1	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E1-G0-S0-V04
35°	E1	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E1-G0-S1-V04
35°	E1	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E1-G1-S0-V04
35°	E1	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0165-35-E1-G1-S1-V04
40°	E0	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E0-G0-S0-V04
40°	E0	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E0-G0-S1-V04
40°	E0	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E0-G1-S0-V04
40°	E0	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E0-G1-S1-V04
40°	E1	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E1-G0-S0-V04
40°	E1	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E1-G0-S1-V04
40°	E1	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E1-G1-S0-V04
40°	E1	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0165-40-E1-G1-S1-V04
45°	E0	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E0-G0-S0-V04
45°	E0	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E0-G0-S1-V04
45°	E0	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E0-G1-S0-V04
45°	E0	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E0-G1-S1-V04
45°	E1	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E1-G0-S0-V04
45°	E1	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E1-G0-S1-V04
45°	E1	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E1-G1-S0-V04
45°	E1	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0165-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E1-G0-S0-V04

D 1801D 06.2022



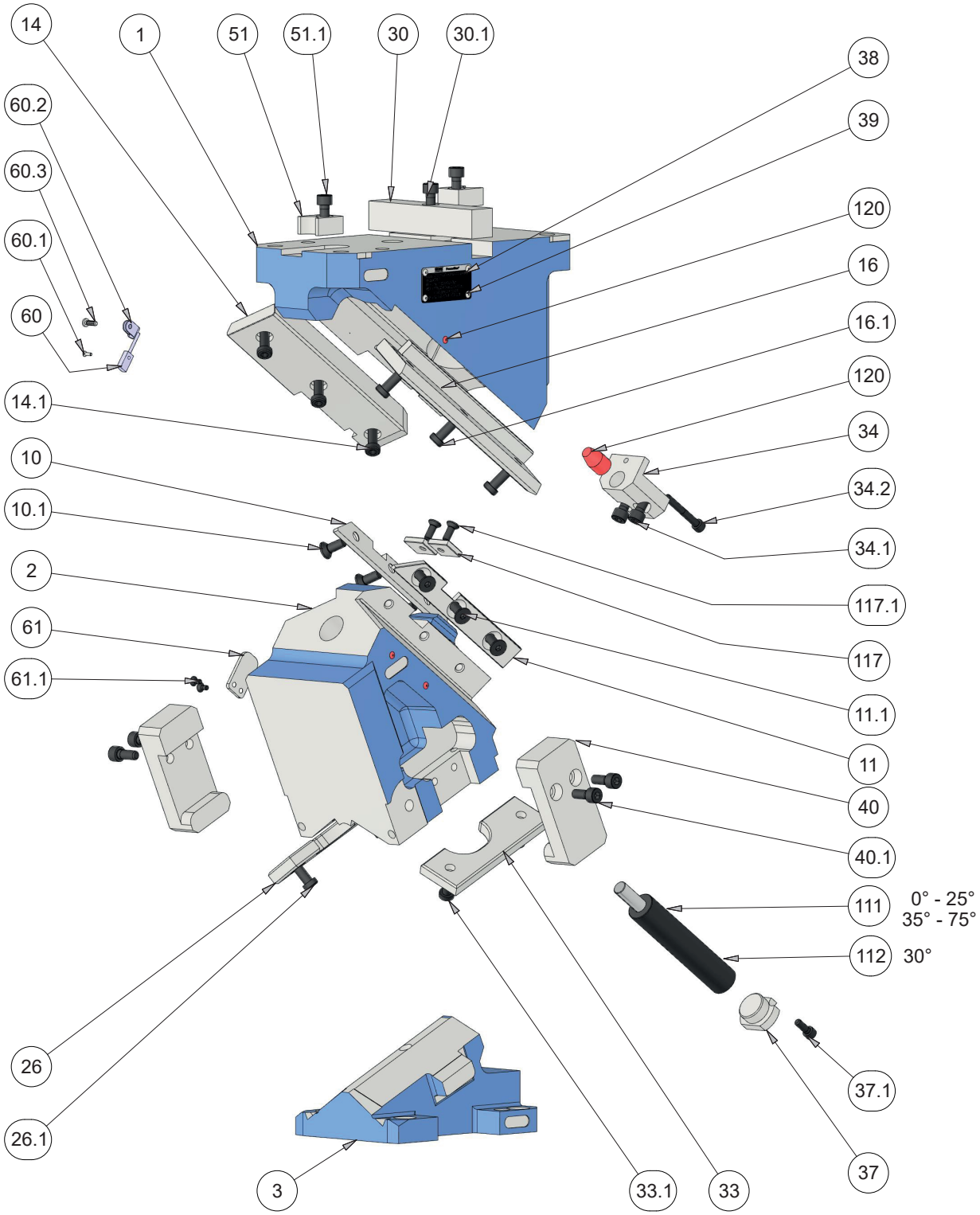
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E1-G0-S1-V04
50°	E1	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0165-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0165-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0165-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0165-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0165-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0165-75-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMOL-0165-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de

Sparepart lists under www.strack.de

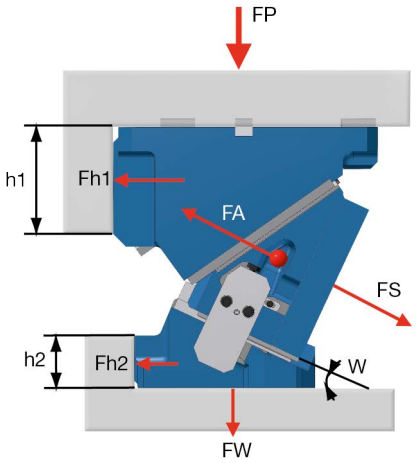
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SN5650-PMOL-0165-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	421	395	421	395	0	133	34	41
05°	449	198	211	395	33	133	45	46
10°	477	452	405	395	65	133	55	51
15°	492	226	202	395	89	126	55	53
20°	506	484	362	395	113	118	54	55
25°	522	242	181	395	128	113	59	54
30°	537	517	321	395	144	108	64	53
35°	565	259	161	395	153	101	59	54
40°	593	575	291	395	163	94	54	55
45°	599	288	146	395	157	81	64	55
50°	604	590	237	395	0	69	74	54
55°	617	295	118	395	0	69	99	54
60°	630	619	188	395	0	70	125	53
65°	638	626	167	395	0	64	94	54
70°	656	313	83	395	0	64	94	54
75°	673	666	116	395	0	64	94	54



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	316	297	316	297	0	133	34	41
05°	337	149	158	287	24	133	45	46
10°	358	340	303	278	49	133	55	51
15°	369	170	152	256	67	126	55	53
20°	380	364	272	234	85	118	54	55
25°	391	182	136	210	97	113	59	54
30°	403	388	241	187	108	108	64	53
35°	424	194	120	166	115	101	59	54
40°	445	432	218	146	122	94	54	55
45°	449	216	109	121	118	81	64	55
50°	453	443	177	96	114	69	74	54
55°	463	221	89	75	105	69	99	54
60°	473	464	141	55	96	70	125	53
65°	479	470	125	36	78	64	94	54
70°	492	235	62	24	61	64	94	54
75°	505	499	87	12	44	64	94	54

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-0°

63	75	92	135	204	135	92	75	63
68	83	104	154	242	154	104	83	68
72	90	115	171	286	171	115	90	72
76	95	124	190	342	190	124	95	76
79	100	133	209	411	209	133	100	79
78	99	131	202	384	202	131	99	78
74	93	120	180	309	180	120	93	74
70	86	109	161	259	161	109	86	70

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 421 kN
(500.000 Hub/Stroke/Course)

53	53	59	65	71	65	59	53	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53

SN5650-PMOL-0165-5°

63	79	96	139	212	139	96	79	63
68	87	109	160	254	160	109	87	68
72	94	121	179	302	179	121	94	72
76	100	131	199	363	199	131	100	76
79	106	141	220	441	220	141	106	79
77	103	135	206	385	206	135	103	77
73	96	123	183	311	183	123	96	73
69	88	111	163	261	163	111	88	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 449 kN
(500.000 Hub/Stroke/Course)

56	56	64	70	77	70	64	56	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56

SN5650-PMOL-0165-10°

63	82	100	143	219	143	100	82	63
68	90	114	166	265	166	114	90	68
72	98	126	186	317	186	126	98	72
76	105	137	208	384	208	137	105	76
79	111	148	231	470	231	148	111	79
76	106	138	209	386	209	138	106	76
72	98	126	185	313	185	126	98	72
68	90	113	165	262	165	113	90	68

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 477 kN
(500.000 Hub/Stroke/Course)

58	58	68	75	83	75	68	58	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58

SN5650-PMOL-0165-15°

57	71	87	120	194	120	87	71	57
62	79	100	142	241	142	100	79	62
67	88	114	165	298	165	114	88	67
72	95	125	188	372	188	125	95	72
75	101	136	207	473	207	136	101	75
72	96	128	191	387	191	128	96	72
68	89	115	167	301	167	115	89	68
63	80	101	144	243	144	101	80	63

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 492 kN
(500.000 Hub/Stroke/Course)

55	55	64	75	89	75	64	55	55
57	68	79	89	101	89	79	68	57
60	70	79	89	101	89	79	70	60
61	70	79	89	101	89	79	70	61
61	70	79	89	101	89	79	70	61
61	70	79	89	101	89	79	70	61
61	70	79	89	101	89	79	70	61
58	69	79	89	101	89	79	69	58

D 1801D 06.2022

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-20°

51	60	74	97	**168**	97	74	60	51
56	68	86	118	**216**	118	86	68	56
62	77	101	**144**	**279**	**144**	101	77	62
67	84	113	**168**	**359**	**168**	113	84	67
70	90	**124**	**182**	**475**	**182**	**124**	90	70
68	86	117	**173**	**387**	**173**	117	86	68
63	79	103	**149**	**289**	**149**	103	79	63
58	70	89	**123**	**224**	**123**	89	70	58

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

51	51	60	74	95	74	60	51	51
56	68	83	95	109	95	83	68	56
62	72	83	95	109	95	83	72	62
63	72	83	95	109	95	83	72	63
63	72	83	95	109	95	83	72	63
63	72	83	95	109	95	83	72	63
63	72	83	95	109	95	83	72	63
58	70	83	95	109	95	83	70	58

● F max. = 506 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-25°

54	64	78	101	**172**	101	78	64	54
60	74	94	**126**	**226**	**126**	94	74	60
67	85	110	**155**	**292**	**155**	110	85	67
72	93	**124**	**181**	**371**	**181**	**124**	93	72
75	99	**136**	**201**	**483**	**201**	**136**	99	75
75	97	**133**	**196**	**436**	**196**	**133**	97	75
70	89	117	**168**	**323**	**168**	117	89	70
64	80	102	**140**	**252**	**140**	102	80	64

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

54	54	64	78	100	78	64	54	54
60	74	92	105	120	105	92	74	60
67	79	91	105	120	105	91	79	67
68	79	91	105	120	105	91	79	68
68	79	91	105	120	105	91	79	68
68	79	91	105	120	105	91	79	68
68	79	91	105	120	105	91	79	68
64	78	91	105	120	105	91	78	64

● F max. = 522 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-30°

56	68	82	105	**175**	105	82	68	56
64	80	101	**134**	**235**	**134**	101	80	64
71	92	119	**165**	**304**	**165**	119	92	71
76	101	**135**	**193**	**383**	**193**	**135**	101	76
80	108	**148**	**219**	**490**	**219**	**148**	108	80
81	108	**148**	**219**	**484**	**219**	**148**	108	81
76	99	**131**	**186**	**357**	**186**	**131**	99	76
69	89	114	**156**	**280**	**156**	114	89	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

56	56	68	82	105	82	68	56	56
64	80	100	115	131	115	100	80	64
71	86	99	114	131	114	99	86	71
73	86	99	114	131	114	99	86	73
73	86	99	114	131	114	99	86	73
73	86	99	114	131	114	99	86	73
73	86	99	114	131	114	99	86	73
69	86	99	114	131	114	99	86	69

● F max. = 537 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-35°

58	70	87	110	**183**	110	87	70	58
66	83	106	**140**	**246**	**140**	106	83	66
73	94	125	**172**	**318**	**172**	125	94	73
79	104	**142**	**202**	**405**	**202**	**142**	104	79
83	111	**156**	**230**	**527**	**230**	**156**	111	83
82	108	**151**	**218**	**467**	**218**	**151**	108	82
76	99	**133**	**184**	**348**	**184**	**133**	99	76
69	88	114	**153**	**272**	**153**	114	88	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

58	58	70	87	110	87	70	58	58
66	83	106	127	146	127	106	83	66
73	91	110	127	146	127	110	91	73
77	93	110	127	146	127	110	93	77
79	93	110	127	146	127	110	93	79
78	93	110	127	146	127	110	93	78
75	92	110	127	146	127	110	92	75
69	87	107	127	146	127	107	87	69

● F max. = 565 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-40°

60	72	92	115	**191**	115	92	72	60
68	85	111	**145**	**256**	**145**	111	85	68
75	96	131	**178**	**332**	**178**	131	96	75
81	106	**149**	**211**	**427**	**211**	**149**	106	81
85	113	**164**	**241**	**563**	**241**	**164**	113	85
82	108	**153**	**217**	**449**	**217**	**153**	108	82
76	98	134	**182**	**339**	**182**	134	98	76
69	87	114	**149**	**263**	**149**	114	87	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

60	60	72	92	115	92	72	60	60
68	85	111	139	160	139	111	85	68
75	96	120	139	160	139	120	96	75
81	100	120	139	160	139	120	100	81
85	100	120	139	160	139	120	100	85
82	100	120	139	160	139	120	100	82
76	98	120	139	160	139	120	98	76
69	87	114	139	160	139	114	87	69

● F max. = 593 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-45°

60	72	90	114	**187**	114	90	72	60
69	85	111	**145**	**254**	**145**	111	85	69
77	98	133	**182**	**336**	**182**	133	98	77
83	108	**152**	**217**	**433**	**217**	**152**	108	83
87	115	**168**	**249**	**574**	**249**	**168**	115	87
84	110	**156**	**224**	**456**	**224**	**156**	110	84
78	100	136	**186**	**343**	**186**	136	100	78
70	88	115	**150**	**262**	**150**	115	88	70

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

60	60	72	90	114	90	72	60	60
69	85	111	142	181	142	111	85	69
77	98	128	157	181	157	128	98	77
83	105	134	157	181	157	134	105	83
87	109	134	157	181	157	134	109	87
84	106	134	157	181	157	134	106	84
78	100	129	157	181	157	129	100	78
70	88	115	145	181	145	115	88	70

● F max. = 599 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-50°

60	71	88	112	**182**	112	88	71	60
69	85	111	145	**252**	145	111	85	69
78	99	135	**185**	**339**	**185**	135	99	78
84	109	**155**	**222**	**438**	**222**	**155**	109	84
89	117	**171**	**257**	**584**	**257**	**171**	117	89
86	112	**159**	**230**	**463**	**230**	**159**	112	86
80	101	138	**190**	**346**	**190**	138	101	80
71	88	115	**151**	**260**	**151**	115	88	71

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

60	60	71	88	112	88	71	60	60
69	85	111	145	202	145	111	85	69
78	99	135	174	202	174	135	99	78
84	109	147	174	202	174	147	109	84
89	117	147	174	202	174	147	117	89
86	112	147	174	202	174	147	112	86
80	101	138	174	202	174	138	101	80
71	88	115	151	202	151	115	88	71

● F max. = 604 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0165-55°

60	71	86	110	**174**	110	86	71	60
70	85	108	**143**	**241**	**143**	108	85	70
80	100	134	**184**	**330**	**184**	134	100	80
86	111	**155**	**224**	**428**	**224**	**155**	111	86
92	119	**171**	**261**	**565**	**261**	**171**	119	92
90	116	**164**	**243**	**487**	**243**	**164**	116	90
83	105	142	**200**	**359**	**200**	142	105	83
74	91	118	**158**	**268**	**158**	118	91	74

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

60	60	71	86	110	86	71	60	60
70	85	108	143	216	143	108	85	70
80	100	134	179	234	179	134	100	80
86	111	151	200	234	200	151	111	86
92	119	159	202	234	202	159	119	92
90	116	158	202	234	202	158	116	90
83	105	142	192	234	192	142	105	83
74	91	118	158	234	158	118	91	74

● F max. = 617 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0165-

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Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-60°

60	70	84	107	**166**	107	84	70	60
70	84	105	**140**	**230**	**140**	105	84	70
81	100	132	**183**	**320**	**183**	132	100	81
88	112	**154**	**226**	**418**	**226**	**154**	112	88
94	121	**171**	**264**	**545**	**264**	**171**	121	94
93	120	**168**	**256**	**510**	**256**	**168**	120	93
86	109	**146**	**209**	**372**	**209**	**146**	109	86
77	94	121	**164**	**276**	**164**	121	94	77

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 630 kN
(500.000 Hub/Stroke/Course)

60	60	70	**84**	**107**	**84**	70	60	60
70	**84**	**105**	**140**	**230**	**140**	**105**	**84**	70
81	**100**	**132**	**183**	**265**	**183**	**132**	**100**	**81**
88	**112**	**154**	**226**	**265**	**226**	**154**	**112**	**88**
94	**121**	**171**	**230**	**265**	**230**	**171**	**121**	**94**
93	**120**	**168**	**230**	**265**	**230**	**168**	**120**	**93**
86	**109**	**146**	**209**	**265**	**209**	**146**	**109**	**86**
77	**94**	**121**	**164**	**265**	**164**	**121**	**94**	77

SN5650-PMOL-0165-65°

63	73	87	105	**174**	105	87	73	63
74	89	110	141	**244**	141	110	89	74
86	106	139	**191**	**342**	**191**	139	106	86
94	119	**162**	**237**	**456**	**237**	**162**	119	94
100	129	**180**	**278**	**613**	**278**	**180**	129	100
96	121	**166**	**243**	**471**	**243**	**166**	121	96
87	108	141	**194**	**344**	**194**	141	108	87
76	91	113	144	**247**	144	113	91	76

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 638 kN
(500.000 Hub/Stroke/Course)

63	63	73	87	**105**	87	73	63	63
74	89	**110**	**141**	**244**	**141**	**110**	89	74
86	**106**	**139**	**191**	**303**	**191**	**139**	**106**	86
94	**119**	**162**	**237**	**303**	**237**	**162**	**119**	**94**
100	**129**	**180**	**261**	**303**	**261**	**180**	**129**	**100**
96	**121**	**166**	**243**	**303**	**243**	**166**	**121**	**96**
87	**108**	**141**	**194**	**303**	**194**	**141**	**108**	87
76	**91**	**113**	**144**	**247**	**144**	**113**	**91**	76

SN5650-PMOL-0165-70°

67	77	91	108	**180**	108	91	77	67
79	94	115	145	**252**	145	115	94	79
92	113	146	**197**	**341**	**197**	146	113	92
101	127	**171**	**245**	**437**	**245**	**171**	127	101
108	138	**191**	**287**	**642**	**287**	**191**	138	108
102	128	**172**	**246**	**475**	**246**	**172**	128	102
92	113	145	**195**	**345**	**195**	145	113	92
80	94	115	144	**247**	144	115	94	80

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 656 kN
(500.000 Hub/Stroke/Course)

67	67	77	91	108	91	77	67	67
79	94	**115**	**145**	**252**	**145**	**115**	94	79
92	113	**146**	**197**	**321**	**197**	**146**	113	92
101	**127**	**171**	**245**	**360**	**245**	**171**	**127**	101
108	**138**	**191**	**279**	**381**	**279**	**191**	**138**	108
102	**128**	**172**	**246**	**381**	**246**	**172**	**128**	102
92	113	**145**	**195**	**325**	**195**	**145**	113	92
80	94	**115**	**144**	**247**	**144**	**115**	94	80

SN5650-PMOL-0165-75°

70	80	94	111	**185**	111	94	80	70
83	98	120	149	**259**	149	120	98	83
98	119	153	**202**	**339**	**202**	153	119	98
108	135	**180**	**252**	**417**	**252**	**180**	135	108
116	147	**201**	**296**	**671**	**296**	**201**	147	116
108	135	**178**	**249**	**478**	**249**	**178**	135	108
97	118	149	**195**	**346**	**195**	149	118	97
83	97	117	144	**246**	144	117	97	83

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 673 kN
(500.000 Hub/Stroke/Course)

70	70	80	94	111	94	80	70	70
83	98	120	**149**	**259**	**149**	120	98	83
98	119	**153**	**202**	**339**	**202**	**153**	119	98
108	135	**180**	**252**	**417**	**252**	**180**	135	108
116	**147**	**201**	**296**	**458**	**296**	**201**	**147**	116
108	135	**178**	**249**	**458**	**249**	**178**	135	108
97	118	**149**	**195**	**346**	**195**	**149**	118	97
83	97	117	**144**	**246**	**144**	117	97	83

D 1801D 06.2022

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-0°

47	56	69	101	153	101	69	56	47
51	62	78	116	182	116	78	62	51
54	68	86	128	215	128	86	68	54
57	71	93	143	257	143	93	71	57
59	75	100	157	308	157	100	75	59
59	74	98	152	288	152	98	74	59
56	70	90	135	232	135	90	70	56
53	65	82	121	194	121	82	65	53

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 316 kN
(1.000.000 Hub/Stroke/Course)

40	40	44	49	53	49	44	40	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40

SN5650-PMOL-0165-5°

47	59	72	104	159	104	72	59	47
51	65	82	120	190	120	82	65	51
54	71	90	134	226	134	90	71	54
57	75	98	149	272	149	98	75	57
59	79	105	165	330	165	105	79	59
58	77	101	154	289	154	101	77	58
55	72	92	137	233	137	92	72	55
52	66	83	122	195	122	83	66	52

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 337 kN
(1.000.000 Hub/Stroke/Course)

42	42	48	53	58	53	48	42	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42

SN5650-PMOL-0165-10°

47	62	75	107	164	107	75	62	47
51	68	86	125	199	125	86	68	51
54	74	95	140	238	140	95	74	54
57	79	103	156	288	156	103	79	57
59	83	111	173	353	173	111	83	59
57	80	104	157	290	157	104	80	57
54	74	95	139	235	139	95	74	54
51	68	85	124	197	124	85	68	51

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 358 kN
(1.000.000 Hub/Stroke/Course)

44	44	51	56	62	56	51	44	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44

SN5650-PMOL-0165-15°

43	53	65	90	145	90	65	53	43
47	59	75	107	180	107	75	59	47
50	66	85	124	224	124	85	66	50
54	71	94	141	279	141	94	71	54
56	75	102	155	354	155	102	75	56
54	72	96	143	290	143	96	72	54
51	66	86	125	226	125	86	66	51
47	60	76	108	182	108	76	60	47

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 369 kN
(1.000.000 Hub/Stroke/Course)

41	41	48	56	67	56	48	41	41
43	51	59	67	75	67	59	51	43
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
44	51	59	67	75	67	59	51	44

D 1801D 06.2022

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

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Fitting Key

SN5650-PMOL-0165-20°

38	45	56	73	**126**	73	56	45	38
42	51	65	89	**162**	89	65	51	42
47	58	76	108	**209**	108	76	58	47
50	63	85	126	**269**	126	85	63	50
53	68	**93**	137	**356**	137	**93**	68	53
51	65	88	130	**290**	130	88	65	51
47	59	77	112	**217**	112	77	59	47
44	53	67	**92**	**168**	**92**	67	53	44

3x20 | 3x15 | 3x20 | 165 | 3x20 | 2x15,5 | 3x20 | 151

● F max. = 380 kN
(1.000.000 Hub/Stroke/Course)

38	38	45	56	71	56	45	38	38
42	51	62	71	82	71	62	51	42
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
44	53	62	71	82	71	62	53	44

SN5650-PMOL-0165-25°

40	48	59	76	**129**	76	59	48	40
45	56	70	**95**	**169**	**95**	70	56	45
50	63	83	116	**219**	116	83	63	50
54	69	**93**	135	**278**	135	**93**	69	54
56	74	102	150	**362**	150	102	74	56
56	73	99	147	**327**	147	99	73	56
52	67	88	126	**242**	126	88	67	52
48	60	76	105	**189**	105	76	60	48

3x20 | 3x15 | 3x20 | 165 | 3x20 | 2x15,5 | 3x20 | 151

● F max. = 391 kN
(1.000.000 Hub/Stroke/Course)

40	40	48	59	75	59	48	40	40
45	56	69	79	90	79	69	56	45
50	59	68	78	90	78	68	59	50
51	59	68	78	90	78	68	59	51
51	59	68	78	90	78	68	59	51
51	59	68	78	90	78	68	59	51
51	59	68	78	90	78	68	59	51
48	59	68	78	90	78	68	59	48

SN5650-PMOL-0165-30°

42	51	62	79	**131**	79	62	51	42
48	60	76	**101**	**176**	**101**	76	60	48
53	69	89	124	**228**	124	89	69	53
57	76	**101**	145	**287**	145	**101**	76	57
60	81	111	164	**368**	164	111	81	60
61	81	111	164	**363**	164	111	81	61
57	74	98	140	**268**	140	98	74	57
52	67	86	117	**210**	117	86	67	52

3x20 | 3x15 | 3x20 | 165 | 3x20 | 2x15,5 | 3x20 | 151

● F max. = 403 kN
(1.000.000 Hub/Stroke/Course)

42	42	51	62	79	62	51	42	42
48	60	75	86	98	86	75	60	48
53	65	74	86	98	86	74	65	53
55	65	74	86	98	86	74	65	55
55	65	74	86	98	86	74	65	55
55	65	74	86	98	86	74	65	55
55	65	74	86	98	86	74	65	55
52	65	74	86	98	86	74	65	52

SN5650-PMOL-0165-35°

44	53	65	83	**137**	83	65	53	44
50	62	80	**105**	**184**	**105**	80	62	50
55	71	94	129	**239**	129	94	71	55
59	78	**107**	152	**304**	152	**107**	78	59
62	83	117	173	**395**	173	117	83	62
61	81	113	164	**350**	164	113	81	61
57	74	99	138	**261**	138	99	74	57
52	66	86	114	**204**	114	86	66	52

3x20 | 3x15 | 3x20 | 165 | 3x20 | 2x15,5 | 3x20 | 151

● F max. = 424 kN
(1.000.000 Hub/Stroke/Course)

44	44	53	65	83	65	53	44	44
50	62	79	95	109	95	79	62	50
55	68	82	95	109	95	82	68	55
58	70	82	95	109	95	82	70	58
59	70	82	95	109	95	82	70	59
58	70	82	95	109	95	82	70	58
56	69	82	95	109	95	82	69	56
52	65	80	95	109	95	80	65	52

D 1801D 06.2022

STRACK NORMA GmbH & Co. KG · Königsberger Str. 11 · D-58511 Lüdenscheid · Tel +49 2351 8701-0 · www.strack.de

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-40°

45	54	69	86	**143**	86	69	54	45
51	64	83	**109**	**192**	**109**	83	64	51
56	72	98	**134**	**249**	**134**	98	72	56
61	80	**112**	**158**	**320**	**158**	**112**	80	61
64	85	**123**	**181**	**422**	**181**	**123**	85	64
62	81	**115**	**163**	**337**	**163**	**115**	81	62
57	74	101	**137**	**254**	**137**	101	74	57
52	65	86	**112**	**197**	**112**	86	65	52

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	54	69	**86**	69	54	45	45
51	64	83	**104**	**120**	**104**	83	64	51
56	72	90	**104**	**120**	**104**	90	72	56
61	75	90	**104**	**120**	**104**	90	75	61
64	75	90	**104**	**120**	**104**	90	75	64
62	75	90	**104**	**120**	**104**	90	75	62
57	74	90	**104**	**120**	**104**	90	74	57
52	65	**86**	**104**	**120**	**104**	**86**	65	52

● F max. = 445 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0165-45°

45	54	68	85	**140**	85	68	54	45
51	64	83	**109**	**191**	**109**	83	64	51
57	73	100	**136**	**252**	**136**	100	73	57
62	81	**114**	**162**	**324**	**162**	**114**	81	62
65	86	**126**	**187**	**430**	**187**	**126**	86	65
63	83	**117**	**168**	**342**	**168**	**117**	83	63
59	75	102	**140**	**257**	**140**	102	75	59
53	66	86	**113**	**196**	**113**	86	66	53

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	54	68	**85**	68	54	45	45
51	64	83	**107**	**136**	**107**	83	64	51
57	73	96	**117**	**136**	**117**	96	73	57
62	78	**100**	**117**	**136**	**117**	**100**	78	62
65	81	**100**	**117**	**136**	**117**	**100**	81	65
63	80	**100**	**117**	**136**	**117**	**100**	80	63
59	75	97	**117**	**136**	**117**	97	75	59
53	66	86	**109**	**136**	**109**	86	66	53

● F max. = 449 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0165-50°

45	53	66	84	**137**	84	66	53	45
52	64	83	109	**189**	109	83	64	52
59	74	101	**139**	**254**	**139**	101	74	59
63	82	**116**	**167**	**329**	**167**	**116**	82	63
67	88	**128**	**193**	**438**	**193**	**128**	88	67
65	84	**119**	**173**	**347**	**173**	**119**	84	65
60	76	104	**143**	**260**	**143**	104	76	60
53	66	86	**113**	**195**	**113**	86	66	53

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	53	66	84	66	53	45	45
52	64	83	109	**152**	109	83	64	52
59	74	101	131	**152**	131	101	74	59
63	82	110	131	**152**	131	110	82	63
67	88	110	131	**152**	131	110	88	67
65	84	110	131	**152**	131	110	84	65
60	76	104	131	**152**	131	104	76	60
53	66	86	113	**152**	113	86	66	53

● F max. = 453 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0165-55°

45	53	65	82	**131**	82	65	53	45
52	63	81	**107**	**181**	**107**	81	63	52
60	75	100	**138**	**247**	**138**	100	75	60
65	83	**116**	**168**	**321**	**168**	**116**	83	65
69	89	**128**	**195**	**423**	**195**	**128**	89	69
67	87	**123**	**182**	**365**	**182**	**123**	87	67
62	79	107	**150**	**269**	**150**	107	79	62
56	68	89	**118**	**201**	**118**	89	68	56

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	53	65	82	65	53	45	45
52	63	81	107	**162**	107	81	63	52
60	75	100	134	**175**	134	100	75	60
65	83	113	150	**175**	150	113	83	65
69	89	119	152	**175**	152	119	89	69
67	87	118	152	**175**	152	118	87	67
62	79	107	144	**175**	144	107	79	62
56	68	89	118	**175**	118	89	68	56

● F max. = 463 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0165-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0165-60°

45	53	63	80	**125**	80	63	53	45
53	63	79	105	**173**	105	79	63	53
61	75	99	137	**240**	137	99	75	61
66	84	116	170	**314**	170	116	84	66
71	91	128	198	**409**	198	128	91	71
70	90	126	192	**383**	192	126	90	70
65	82	110	157	**279**	157	110	82	65
58	71	91	123	**207**	123	91	71	58

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 473 kN
(1.000.000 Hub/Stroke/Course)

45	45	53	**63**	**80**	**63**	53	45	45
53	**63**	**79**	**105**	**173**	**105**	**79**	**63**	53
61	**75**	**99**	**137**	**199**	**137**	**99**	**75**	**61**
66	**84**	**116**	**170**	**199**	**170**	**116**	**84**	**66**
71	**91**	**128**	**173**	**199**	**173**	**128**	**91**	**71**
70	**90**	**126**	**173**	**199**	**173**	**126**	**90**	**70**
65	**82**	**110**	**157**	**199**	**157**	**110**	**82**	**65**
58	**71**	**91**	**123**	**199**	**123**	**91**	**71**	58

SN5650-PMOL-0165-65°

47	55	65	79	**131**	79	65	55	47
56	67	83	106	**183**	106	83	67	56
65	80	104	143	**257**	143	104	80	65
71	89	122	178	**342**	178	122	89	71
75	97	135	209	**460**	209	135	97	75
72	91	125	182	**353**	182	125	91	72
65	81	106	146	**258**	146	106	81	65
57	68	85	108	**185**	108	85	68	57

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 479 kN
(1.000.000 Hub/Stroke/Course)

47	47	55	65	**79**	65	55	47	47
56	67	**83**	**106**	**183**	**106**	**83**	67	56
65	**80**	**104**	**143**	**227**	**143**	**104**	**80**	65
71	**89**	**122**	**178**	**227**	**178**	**122**	**89**	**71**
75	**97**	**135**	**196**	**227**	**196**	**135**	**97**	**75**
72	**91**	**125**	**182**	**227**	**182**	**125**	**91**	**72**
65	**81**	**106**	**146**	**227**	**146**	**106**	**81**	65
57	**68**	**85**	**108**	**185**	**108**	**85**	**68**	57

SN5650-PMOL-0165-70°

50	57	68	81	**135**	81	68	57	50
59	70	86	109	**189**	109	86	70	59
69	84	110	147	**255**	147	110	84	69
76	95	128	183	**327**	183	128	95	76
81	104	143	215	**482**	215	143	104	81
77	96	129	185	**356**	185	129	96	77
69	85	109	146	**259**	146	109	85	69
60	71	86	108	**185**	108	86	71	60

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 492 kN
(1.000.000 Hub/Stroke/Course)

50	50	57	68	81	68	57	50	50
59	70	**86**	**109**	**189**	**109**	**86**	70	59
69	84	**110**	**147**	**241**	**147**	**110**	84	69
76	**95**	**128**	**183**	**270**	**183**	**128**	**95**	76
81	**104**	**143**	**209**	**285**	**209**	**143**	**104**	81
77	**96**	**129**	**185**	**285**	**185**	**129**	**96**	77
69	85	**109**	**146**	**243**	**146**	**109**	85	69
60	71	**86**	**108**	**185**	**108**	**86**	71	60

SN5650-PMOL-0165-75°

53	60	71	83	**139**	83	71	60	53
62	74	90	112	**194**	112	90	74	62
74	89	115	152	**254**	152	115	89	74
81	101	135	189	**313**	189	135	101	81
87	110	151	222	**503**	222	151	110	87
81	101	134	187	**359**	187	134	101	81
73	89	112	146	**260**	146	112	89	73
62	73	88	108	**185**	108	88	73	62

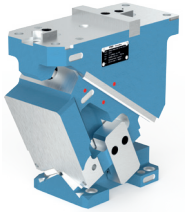
3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 505 kN
(1.000.000 Hub/Stroke/Course)

53	53	60	71	83	71	60	53	53
62	74	90	**112**	**194**	**112**	90	74	62
74	89	**115**	**152**	**254**	**152**	**115**	89	74
81	101	**135**	**189**	**313**	**189**	**135**	101	81
87	**110**	**151**	**222**	**344**	**222**	**151**	**110**	87
81	101	**134**	**187**	**344**	**187**	**134**	101	81
73	89	**112**	**146**	**260**	**146**	**112**	89	73
62	73	88	**108**	**185**	**108**	88	73	62

D 1801D 06.2022

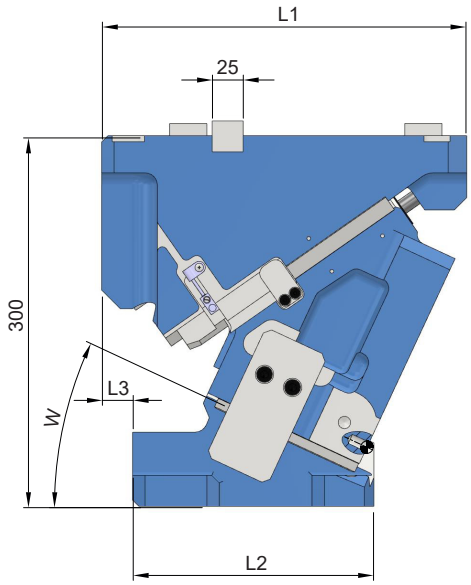


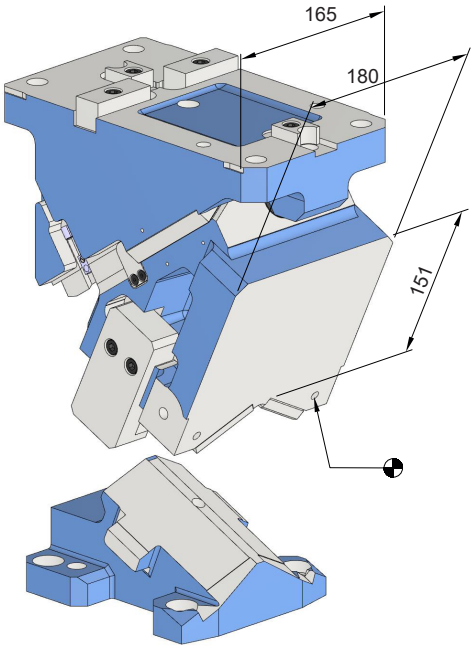
SN5650-PMOL-0180-

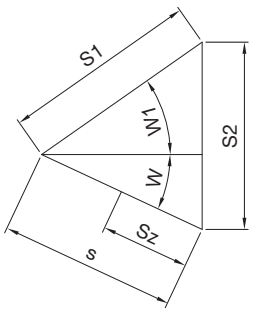
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	180 x 151 mm
Schieberbreite max.	*Cam unit width max.*	180 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 421 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

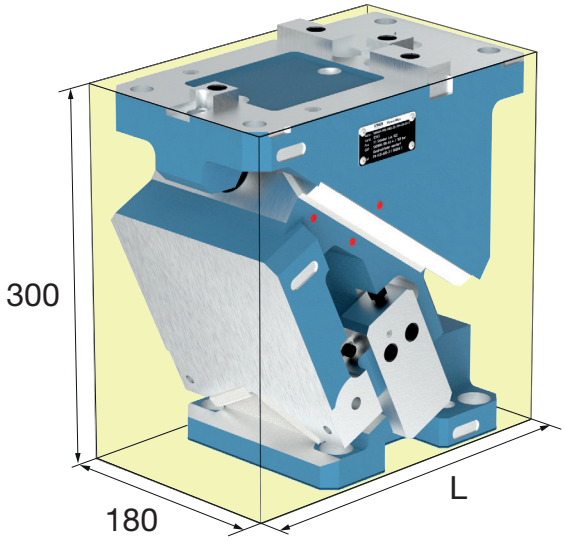
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOL-0180-

Oben hängender Schieber

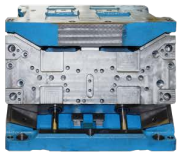
Aerial cam unit



E0



E1



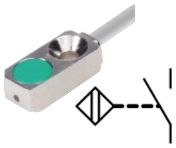
G0



S0



S1

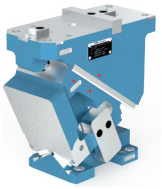


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

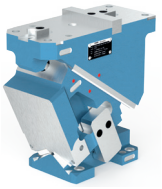
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E0-G0-S0-V04
0°	E0	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E0-G0-S1-V04
0°	E0	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E0-G1-S0-V04
0°	E0	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E0-G1-S1-V04
0°	E1	G0	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E1-G0-S0-V04
0°	E1	G0	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E1-G0-S1-V04
0°	E1	G1	S0	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E1-G1-S0-V04
0°	E1	G1	S1	280	47	35.5	52	38	16	280	235	40	SN5650-PMOL-0180-00-E1-G1-S1-V04
5°	E0	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E0-G0-S0-V04
5°	E0	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E0-G0-S1-V04
5°	E0	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E0-G1-S0-V04
5°	E0	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E0-G1-S1-V04
5°	E1	G0	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E1-G0-S0-V04
5°	E1	G0	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E1-G0-S1-V04
5°	E1	G1	S0	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E1-G1-S0-V04
5°	E1	G1	S1	281	45	36.9	52	40	21	280	235	40	SN5650-PMOL-0180-05-E1-G1-S1-V04
10°	E0	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E0-G0-S0-V04
10°	E0	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E0-G0-S1-V04
10°	E0	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E0-G1-S0-V04
10°	E0	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E0-G1-S1-V04
10°	E1	G0	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E1-G0-S0-V04
10°	E1	G0	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E1-G0-S1-V04
10°	E1	G1	S0	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E1-G1-S0-V04
10°	E1	G1	S1	287	42	39.2	52	41.6	22	285	240	15	SN5650-PMOL-0180-10-E1-G1-S1-V04
15°	E0	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E0-G0-S0-V04
15°	E0	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E0-G0-S1-V04
15°	E0	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E0-G1-S0-V04
15°	E0	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E0-G1-S1-V04
15°	E1	G0	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E1-G0-S0-V04
15°	E1	G0	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E1-G0-S1-V04
15°	E1	G1	S0	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	292	40	41.2	52	44.1	22	285	240	15	SN5650-PMOL-0180-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	195	25	SN5650-PMOL-0180-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	195	25	SN5650-PMOL-0180-25-E1-G1-S1-V04
30°	E0	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E0-G0-S0-V04
30°	E0	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E0-G0-S1-V04
30°	E0	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E0-G1-S0-V04
30°	E0	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E0-G1-S1-V04
30°	E1	G0	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E1-G0-S0-V04
30°	E1	G0	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E1-G0-S1-V04
30°	E1	G1	S0	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E1-G1-S0-V04
30°	E1	G1	S1	310	32	50.9	52	53	37	310	170	30	SN5650-PMOL-0180-30-E1-G1-S1-V04
35°	E0	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E0-G0-S0-V04
35°	E0	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E0-G0-S1-V04
35°	E0	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E0-G1-S0-V04
35°	E0	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E0-G1-S1-V04
35°	E1	G0	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E1-G0-S0-V04
35°	E1	G0	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E1-G0-S1-V04
35°	E1	G1	S0	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E1-G1-S0-V04
35°	E1	G1	S1	310	30	49.7	47	52	37	310	170	30	SN5650-PMOL-0180-35-E1-G1-S1-V04
40°	E0	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E0-G0-S0-V04
40°	E0	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E0-G0-S1-V04
40°	E0	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E0-G1-S0-V04
40°	E0	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E0-G1-S1-V04
40°	E1	G0	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E1-G0-S0-V04
40°	E1	G0	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E1-G0-S1-V04
40°	E1	G1	S0	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E1-G1-S0-V04
40°	E1	G1	S1	315	27	54.7	47	56.5	37	315	162	15	SN5650-PMOL-0180-40-E1-G1-S1-V04
45°	E0	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E0-G0-S0-V04
45°	E0	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E0-G0-S1-V04
45°	E0	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E0-G1-S0-V04
45°	E0	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E0-G1-S1-V04
45°	E1	G0	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E1-G0-S0-V04
45°	E1	G0	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E1-G0-S1-V04
45°	E1	G1	S0	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E1-G1-S0-V04
45°	E1	G1	S1	315	25	60.2	47	62.5	42	315	162	15	SN5650-PMOL-0180-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E1-G0-S0-V04
50°	E1	G0	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E1-G0-S1-V04

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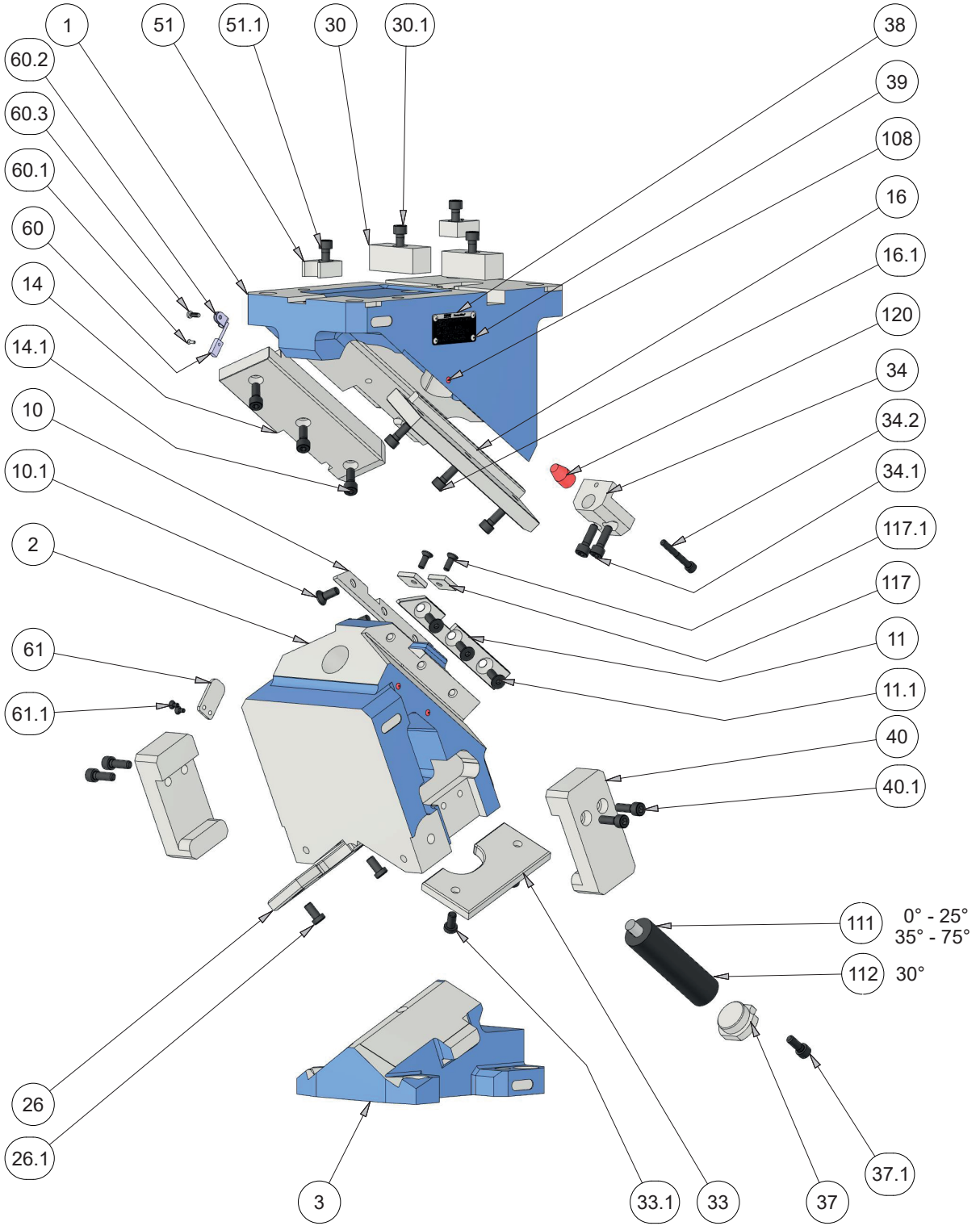


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	59.5	47	320	147	5	SN5650-PMOL-0180-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	320	147	5	SN5650-PMOL-0180-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	24	325	127	5	SN5650-PMOL-0180-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	24	325	127	5	SN5650-PMOL-0180-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	52	330	113	10	SN5650-PMOL-0180-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	48	330	113	10	SN5650-PMOL-0180-75-E1-G1-S1-V04

SN5650-PMOL-0180-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de

Sparepart lists under www.strack.de

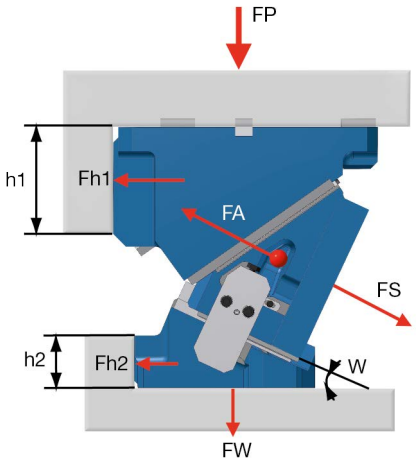
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SN5650-PMOL-0180-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	421	395	421	395	0	133	34	41
05°	449	198	211	395	33	133	45	46
10°	477	452	405	395	65	133	55	51
15°	492	226	202	395	89	126	55	53
20°	506	484	362	395	113	118	54	55
25°	522	242	181	395	128	113	59	54
30°	537	517	321	395	144	108	64	53
35°	565	259	161	395	153	101	59	54
40°	593	575	291	395	163	94	54	55
45°	599	288	146	395	157	81	64	55
50°	604	590	237	395	0	69	74	54
55°	617	295	118	395	0	69	99	54
60°	630	619	188	395	0	70	125	53
65°	638	626	167	395	0	64	94	54
70°	656	313	83	395	0	64	94	54
75°	673	666	116	395	0	64	94	54



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	316	297	316	297	0	133	34	41
05°	337	149	158	287	24	133	45	46
10°	358	340	303	278	49	133	55	51
15°	369	170	152	256	67	126	55	53
20°	380	364	272	234	85	118	54	55
25°	391	182	136	210	97	113	59	54
30°	403	388	241	187	108	108	64	53
35°	424	194	120	166	115	101	59	54
40°	445	432	218	146	122	94	54	55
45°	449	216	109	121	118	81	64	55
50°	453	443	177	96	114	69	74	54
55°	463	221	89	75	105	69	99	54
60°	473	464	141	55	96	70	125	53
65°	479	470	125	36	78	64	94	54
70°	492	235	62	24	61	64	94	54
75°	505	499	87	12	44	64	94	54

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0180-0°

63	75	92	135	204	135	92	75	63
68	83	104	154	242	154	104	83	68
72	90	115	171	286	171	115	90	72
76	95	124	190	342	190	124	95	76
79	100	133	209	411	209	133	100	79
78	99	131	202	384	202	131	99	78
74	93	120	180	309	180	120	93	74
70	86	109	161	259	161	109	86	70

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 421 kN
(500.000 Hub/Stroke/Course)

53	53	59	65	71	65	59	53	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53
53	58	64	71	78	71	64	58	53

SN5650-PMOL-0180-5°

63	79	96	139	212	139	96	79	63
68	87	109	160	254	160	109	87	68
72	94	121	179	302	179	121	94	72
76	100	131	199	363	199	131	100	76
79	106	141	220	441	220	141	106	79
77	103	135	206	385	206	135	103	77
73	96	123	183	311	183	123	96	73
69	88	111	163	261	163	111	88	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 449 kN
(500.000 Hub/Stroke/Course)

56	56	64	70	77	70	64	56	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56
56	63	70	77	85	77	70	63	56

SN5650-PMOL-0180-10°

63	82	100	143	219	143	100	82	63
68	90	114	166	265	166	114	90	68
72	98	126	186	317	186	126	98	72
76	105	137	208	384	208	137	105	76
79	111	148	231	470	231	148	111	79
76	106	138	209	386	209	138	106	76
72	98	126	185	313	185	126	98	72
68	90	113	165	262	165	113	90	68

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 477 kN
(500.000 Hub/Stroke/Course)

58	58	68	75	83	75	68	58	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58
58	67	75	83	92	83	75	67	58

SN5650-PMOL-0180-15°

57	71	87	120	194	120	87	71	57
62	79	100	142	241	142	100	79	62
67	88	114	165	298	165	114	88	67
72	95	125	188	372	188	125	95	72
75	101	136	207	473	207	136	101	75
72	96	128	191	387	191	128	96	72
68	89	115	167	301	167	115	89	68
63	80	101	144	243	144	101	80	63

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

● F max. = 492 kN
(500.000 Hub/Stroke/Course)

55	55	64	75	89	75	64	55	55
57	68	79	89	101	89	79	68	57
60	70	79	89	101	89	79	70	60
61	70	79	89	101	89	79	70	61
61	70	79	89	101	89	79	70	61
61	70	79	89	101	89	79	70	61
61	70	79	89	101	89	79	70	61
58	69	79	89	101	89	79	69	58

D 1801D 06.2022

SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0180-20°

51	60	74	97	**168**	97	74	60	51
56	68	86	118	**216**	118	86	68	56
62	77	101	**144**	**279**	**144**	101	77	62
67	84	113	**168**	**359**	**168**	113	84	67
70	90	**124**	**182**	**475**	**182**	**124**	90	70
68	86	117	**173**	**387**	**173**	117	86	68
63	79	103	**149**	**289**	**149**	103	79	63
58	70	89	**123**	**224**	**123**	89	70	58

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

51	51	60	74	95	74	60	51	51
56	68	83	95	109	95	83	68	56
62	72	83	95	109	95	83	72	62
63	72	83	95	109	95	83	72	63
63	72	83	95	109	95	83	72	63
63	72	83	95	109	95	83	72	63
63	72	83	95	109	95	83	72	63
58	70	83	95	109	95	83	70	58

● F max. = 506 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-25°

54	64	78	101	**172**	101	78	64	54
60	74	94	**126**	**226**	**126**	94	74	60
67	85	110	**155**	**292**	**155**	110	85	67
72	93	**124**	**181**	**371**	**181**	**124**	93	72
75	99	**136**	**201**	**483**	**201**	**136**	99	75
75	97	**133**	**196**	**436**	**196**	**133**	97	75
70	89	117	**168**	**323**	**168**	117	89	70
64	80	102	**140**	**252**	**140**	102	80	64

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

54	54	64	78	100	78	64	54	54
60	74	92	105	120	105	92	74	60
67	79	91	105	120	105	91	79	67
68	79	91	105	120	105	91	79	68
68	79	91	105	120	105	91	79	68
68	79	91	105	120	105	91	79	68
68	79	91	105	120	105	91	79	68
64	78	91	105	120	105	91	78	64

● F max. = 522 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-30°

56	68	82	105	**175**	105	82	68	56
64	80	101	**134**	**235**	**134**	101	80	64
71	92	119	**165**	**304**	**165**	119	92	71
76	101	**135**	**193**	**383**	**193**	**135**	101	76
80	108	**148**	**219**	**490**	**219**	**148**	108	80
81	108	**148**	**219**	**484**	**219**	**148**	108	81
76	99	**131**	**186**	**357**	**186**	**131**	99	76
69	89	114	**156**	**280**	**156**	114	89	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

56	56	68	82	105	82	68	56	56
64	80	100	115	131	115	100	80	64
71	86	99	114	131	114	99	86	71
73	86	99	114	131	114	99	86	73
73	86	99	114	131	114	99	86	73
73	86	99	114	131	114	99	86	73
73	86	99	114	131	114	99	86	73
69	86	99	114	131	114	99	86	69

● F max. = 537 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-35°

58	70	87	110	**183**	110	87	70	58
66	83	106	**140**	**246**	**140**	106	83	66
73	94	125	**172**	**318**	**172**	125	94	73
79	104	**142**	**202**	**405**	**202**	**142**	104	79
83	111	**156**	**230**	**527**	**230**	**156**	111	83
82	108	**151**	**218**	**467**	**218**	**151**	108	82
76	99	**133**	**184**	**348**	**184**	**133**	99	76
69	88	114	**153**	**272**	**153**	114	88	69

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

58	58	70	87	110	87	70	58	58
66	83	106	127	146	127	106	83	66
73	91	110	127	146	127	110	91	73
77	93	110	127	146	127	110	93	77
79	93	110	127	146	127	110	93	79
78	93	110	127	146	127	110	93	78
75	92	110	127	146	127	110	92	75
69	87	107	127	146	127	107	87	69

● F max. = 565 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0180-

Schieberkräfte

Cam Force

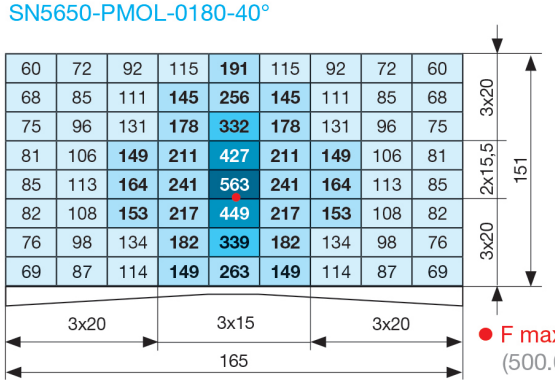
Abschulterung

Shouldering

Passfeder

Fitting Key

SN5650-PMOL-0180-40°

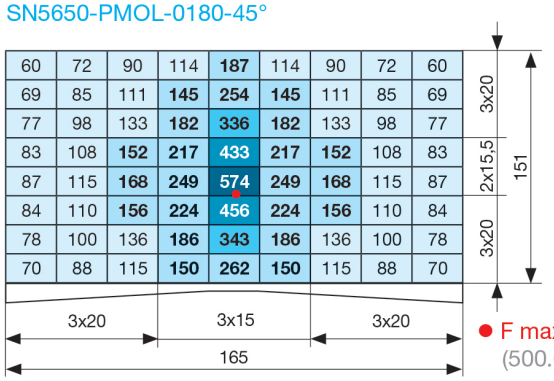


60	72	92	115	**191**	115	92	72	60
68	85	111	**145**	**256**	**145**	111	85	68
75	96	131	**178**	**332**	**178**	131	96	75
81	106	**149**	**211**	**427**	**211**	**149**	106	81
85	113	**164**	**241**	**563**	**241**	**164**	113	85
82	108	**153**	**217**	**449**	**217**	**153**	108	82
76	98	134	**182**	**339**	**182**	134	98	76
69	87	114	**149**	**263**	**149**	114	87	69

60	60	72	92	**115**	92	72	60	60
68	85	**111**	**139**	**160**	**139**	**111**	85	68
75	96	**120**	**139**	**160**	**139**	**120**	96	75
81	100	**120**	**139**	**160**	**139**	**120**	100	81
85	100	**120**	**139**	**160**	**139**	**120**	100	85
82	100	**120**	**139**	**160**	**139**	**120**	100	82
76	98	**120**	**139**	**160**	**139**	**120**	98	76
69	87	**114**	**139**	**160**	**139**	**114**	87	69

● F max. = 593 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-45°

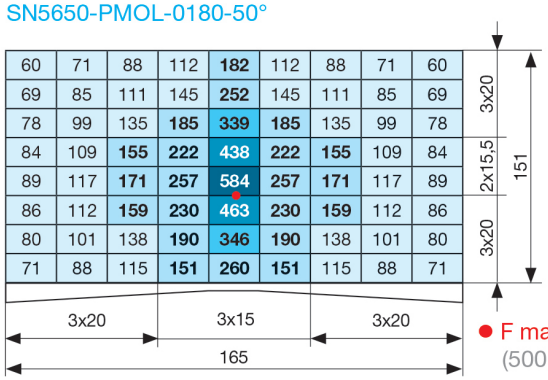


60	72	90	114	**187**	114	90	72	60
69	85	111	**145**	**254**	**145**	111	85	69
77	98	133	**182**	**336**	**182**	133	98	77
83	108	**152**	**217**	**433**	**217**	**152**	108	83
87	115	**168**	**249**	**574**	**249**	**168**	115	87
84	110	**156**	**224**	**456**	**224**	**156**	110	84
78	100	136	**186**	**343**	**186**	136	100	78
70	88	115	**150**	**262**	**150**	115	88	70

60	60	72	90	**114**	90	72	60	60
69	85	**111**	**142**	**181**	**142**	**111**	85	69
77	98	**128**	**157**	**181**	**157**	**128**	98	77
83	105	**134**	**157**	**181**	**157**	**134**	105	83
87	109	**134**	**157**	**181**	**157**	**134**	109	87
84	106	**134**	**157**	**181**	**157**	**134**	106	84
78	100	**129**	**157**	**181**	**157**	**129**	100	78
70	88	**115**	**145**	**181**	**145**	**115**	88	70

● F max. = 599 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-50°

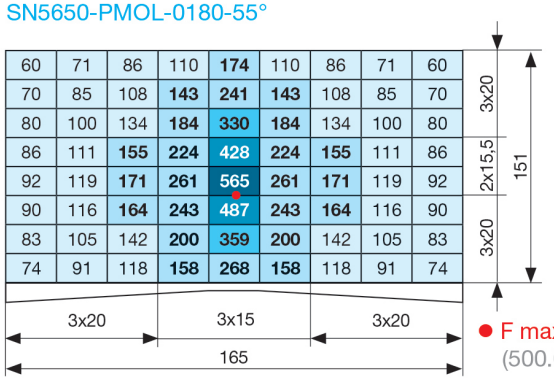


60	71	88	112	**182**	112	88	71	60
69	85	111	145	**252**	145	111	85	69
78	99	135	**185**	**339**	**185**	135	99	78
84	109	**155**	**222**	**438**	**222**	**155**	109	84
89	117	**171**	**257**	**584**	**257**	**171**	117	89
86	112	**159**	**230**	**463**	**230**	**159**	112	86
80	101	138	**190**	**346**	**190**	138	101	80
71	88	115	**151**	**260**	**151**	115	88	71

60	60	71	88	**112**	88	71	60	60
69	85	111	**145**	**202**	**145**	111	85	69
78	99	**135**	**174**	**202**	**174**	**135**	99	78
84	109	**147**	**174**	**202**	**174**	**147**	109	84
89	117	**147**	**174**	**202**	**174**	**147**	117	89
86	112	**147**	**174**	**202**	**174**	**147**	112	86
80	101	**138**	**174**	**202**	**174**	**138**	101	80
71	88	**115**	**151**	**202**	**151**	**115**	88	71

● F max. = 604 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-55°



60	71	86	110	**174**	110	86	71	60
70	85	108	**143**	**241**	**143**	108	85	70
80	100	134	**184**	**330**	**184**	134	100	80
86	111	**155**	**224**	**428**	**224**	**155**	111	86
92	119	**171**	**261**	**565**	**261**	**171**	119	92
90	116	**164**	**243**	**487**	**243**	**164**	116	90
83	105	142	**200**	**359**	**200**	142	105	83
74	91	118	**158**	**268**	**158**	118	91	74

60	60	71	86	**110**	86	71	60	60
70	85	108	**143**	**216**	**143**	108	85	70
80	100	134	**179**	**234**	**179**	134	100	80
86	111	**151**	**200**	**234**	**200**	**151**	111	86
92	119	**159**	**202**	**234**	**202**	**159**	119	92
90	116	**158**	**202**	**234**	**202**	**158**	116	90
83	105	**142**	**192**	**234**	**192**	**142**	105	83
74	91	**118**	**158**	**234**	**158**	**118**	91	74

● F max. = 617 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0180-60°

60	70	84	107	**166**	107	84	70	60
70	84	105	**140**	**230**	**140**	105	84	70
81	100	132	**183**	**320**	**183**	132	100	81
88	112	**154**	**226**	**418**	**226**	**154**	112	88
94	121	**171**	**264**	**545**	**264**	**171**	121	94
93	120	**168**	**256**	**510**	**256**	**168**	120	93
86	109	**146**	**209**	**372**	**209**	**146**	109	86
77	94	121	**164**	**276**	**164**	121	94	77

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

60	60	70	**84**	**107**	**84**	70	60	60
70	**84**	**105**	**140**	**230**	**140**	**105**	**84**	70
81	**100**	**132**	**183**	**265**	**183**	**132**	**100**	**81**
88	**112**	**154**	**226**	**265**	**226**	**154**	**112**	**88**
94	**121**	**171**	**230**	**265**	**230**	**171**	**121**	**94**
93	**120**	**168**	**230**	**265**	**230**	**168**	**120**	**93**
86	**109**	**146**	**209**	**265**	**209**	**146**	**109**	**86**
77	**94**	**121**	**164**	**265**	**164**	**121**	**94**	77

● F max. = 630 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-65°

63	73	87	105	**174**	105	87	73	63
74	89	110	141	**244**	141	110	89	74
86	106	139	**191**	**342**	**191**	139	106	86
94	119	**162**	**237**	**456**	**237**	**162**	119	94
100	129	**180**	**278**	**613**	**278**	**180**	129	100
96	121	**166**	**243**	**471**	**243**	**166**	121	96
87	108	141	**194**	**344**	**194**	141	108	87
76	91	113	144	**247**	144	113	91	76

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

63	63	73	87	**105**	87	73	63	63
74	89	**110**	**141**	**244**	**141**	**110**	89	74
86	**106**	**139**	**191**	**303**	**191**	**139**	**106**	86
94	**119**	**162**	**237**	**303**	**237**	**162**	**119**	**94**
100	**129**	**180**	**261**	**303**	**261**	**180**	**129**	**100**
96	**121**	**166**	**243**	**303**	**243**	**166**	**121**	**96**
87	**108**	**141**	**194**	**303**	**194**	**141**	**108**	87
76	**91**	**113**	**144**	**247**	**144**	**113**	**91**	76

● F max. = 638 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-70°

67	77	91	108	**180**	108	91	77	67
79	94	115	145	**252**	145	115	94	79
92	113	146	**197**	**341**	**197**	146	113	92
101	127	**171**	**245**	**437**	**245**	**171**	127	101
108	138	**191**	**287**	**642**	**287**	**191**	138	108
102	128	**172**	**246**	**475**	**246**	**172**	128	102
92	113	145	**195**	**345**	**195**	145	113	92
80	94	115	144	**247**	144	115	94	80

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

67	67	77	91	108	91	77	67	67
79	94	**115**	**145**	**252**	**145**	**115**	94	79
92	113	**146**	**197**	**321**	**197**	**146**	113	92
101	**127**	**171**	**245**	**360**	**245**	**171**	**127**	101
108	**138**	**191**	**279**	**381**	**279**	**191**	**138**	108
102	**128**	**172**	**246**	**381**	**246**	**172**	**128**	102
92	113	**145**	**195**	**325**	**195**	**145**	113	92
80	94	**115**	**144**	**247**	**144**	**115**	94	80

● F max. = 656 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0180-75°

70	80	94	111	**185**	111	94	80	70
83	98	120	149	**259**	149	120	98	83
98	119	153	**202**	**339**	**202**	153	119	98
108	135	**180**	**252**	**417**	**252**	**180**	135	108
116	147	**201**	**296**	**671**	**296**	**201**	147	116
108	135	**178**	**249**	**478**	**249**	**178**	135	108
97	118	149	**195**	**346**	**195**	149	118	97
83	97	117	144	**246**	144	117	97	83

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

70	70	80	94	111	94	80	70	70
83	98	120	**149**	**259**	**149**	120	98	83
98	119	**153**	**202**	**339**	**202**	**153**	119	98
108	135	**180**	**252**	**417**	**252**	**180**	135	108
116	**147**	**201**	**296**	**458**	**296**	**201**	**147**	116
108	135	**178**	**249**	**458**	**249**	**178**	135	108
97	118	**149**	**195**	**346**	**195**	**149**	118	97
83	97	117	**144**	**246**	**144**	117	97	83

● F max. = 673 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

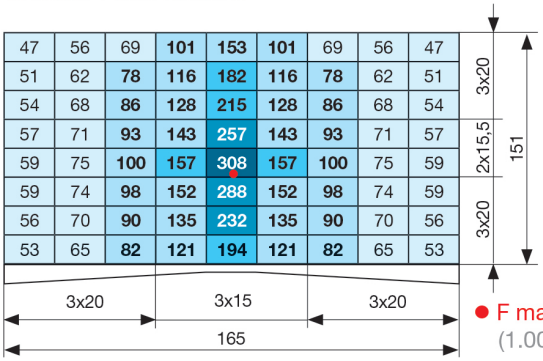
SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

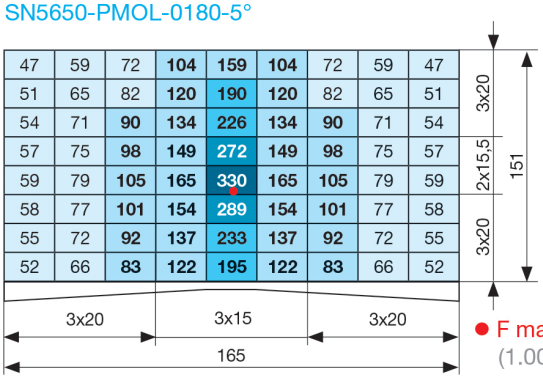
SN5650-PMOL-0180-0°



40	40	44	49	53	49	44	40	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40
40	44	48	53	59	53	48	44	40

- F max. = 316 kN
(1.000.000 Hub/Stroke/Course)

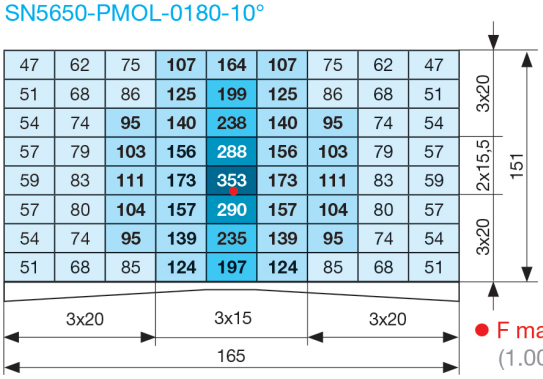
SN5650-PMOL-0180-5°



42	42	48	53	58	53	48	42	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42
42	47	52	58	64	58	52	47	42

- F max. = 337 kN
(1.000.000 Hub/Stroke/Course)

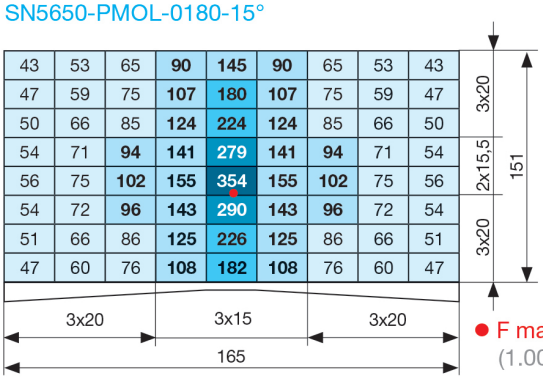
SN5650-PMOL-0180-10°



44	44	51	56	62	56	51	44	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44
44	50	56	62	69	62	56	50	44

- F max. = 358 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-15°



41	41	48	56	67	56	48	41	41
43	51	59	67	75	67	59	51	43
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
45	52	59	67	75	67	59	52	45
44	51	59	67	75	67	59	51	44

- F max. = 369 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0180-20°

38	45	56	73	**126**	73	56	45	38
42	51	65	89	**162**	89	65	51	42
47	58	76	**108**	**209**	**108**	76	58	47
50	63	85	**126**	**269**	**126**	85	63	50
53	68	**93**	**137**	**356**	**137**	**93**	68	53
51	65	88	**130**	**290**	**130**	88	65	51
47	59	77	**112**	**217**	**112**	77	59	47
44	53	67	**92**	**168**	**92**	67	53	44

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

38	38	45	56	71	56	45	38	38
42	51	62	71	82	71	62	51	42
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
47	54	62	71	82	71	62	54	47
44	53	62	71	82	71	62	53	44

● F max. = 380 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-25°

40	48	59	76	**129**	76	59	48	40
45	56	70	**95**	**169**	**95**	70	56	45
50	63	83	**116**	**219**	**116**	83	63	50
54	69	**93**	**135**	**278**	**135**	**93**	69	54
56	74	**102**	**150**	**362**	**150**	**102**	74	56
56	73	**99**	**147**	**327**	**147**	**99**	73	56
52	67	88	**126**	**242**	**126**	88	67	52
48	60	76	**105**	**189**	**105**	76	60	48

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

40	40	48	59	75	59	48	40	40
45	56	69	79	90	79	69	56	45
50	59	68	78	90	78	68	59	50
51	59	68	78	90	78	68	59	51
51	59	68	78	90	78	68	59	51
51	59	68	78	90	78	68	59	51
51	59	68	78	90	78	68	59	51
48	59	68	78	90	78	68	59	48

● F max. = 391 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-30°

42	51	62	79	**131**	79	62	51	42
48	60	76	**101**	**176**	**101**	76	60	48
53	69	89	**124**	**228**	**124**	89	69	53
57	76	**101**	**145**	**287**	**145**	**101**	76	57
60	81	**111**	**164**	**368**	**164**	**111**	81	60
61	81	**111**	**164**	**363**	**164**	**111**	81	61
57	74	**98**	**140**	**268**	**140**	**98**	74	57
52	67	86	**117**	**210**	**117**	86	67	52

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

42	42	51	62	79	62	51	42	42
48	60	75	86	98	86	75	60	48
53	65	74	86	98	86	74	65	53
55	65	74	86	98	86	74	65	55
55	65	74	86	98	86	74	65	55
55	65	74	86	98	86	74	65	55
55	65	74	86	98	86	74	65	55
52	65	74	86	98	86	74	65	52

● F max. = 403 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-35°

44	53	65	83	**137**	83	65	53	44
50	62	80	**105**	**184**	**105**	80	62	50
55	71	94	**129**	**239**	**129**	94	71	55
59	78	**107**	**152**	**304**	**152**	**107**	78	59
62	83	**117**	**173**	**395**	**173**	**117**	83	62
61	81	**113**	**164**	**350**	**164**	**113**	81	61
57	74	**99**	**138**	**261**	**138**	**99**	74	57
52	66	86	**114**	**204**	**114**	86	66	52

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

44	44	53	65	83	65	53	44	44
50	62	79	95	109	95	79	62	50
55	68	82	95	109	95	82	68	55
58	70	82	95	109	95	82	70	58
59	70	82	95	109	95	82	70	59
58	70	82	95	109	95	82	70	58
56	69	82	95	109	95	82	69	56
52	65	80	95	109	95	80	65	52

● F max. = 424 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0180-40°

45	54	69	86	**143**	86	69	54	45
51	64	83	**109**	**192**	**109**	83	64	51
56	72	98	**134**	**249**	**134**	98	72	56
61	80	**112**	**158**	**320**	**158**	**112**	80	61
64	85	**123**	**181**	**422**	**181**	**123**	85	64
62	81	**115**	**163**	**337**	**163**	**115**	81	62
57	74	101	**137**	**254**	**137**	101	74	57
52	65	86	**112**	**197**	**112**	86	65	52

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	**45**	**54**	**69**	**86**	**69**	**54**	**45**	**45**
51	**64**	**83**	**104**	**120**	**104**	**83**	**64**	**51**
56	**72**	**90**	**104**	**120**	**104**	**90**	**72**	**56**
61	**75**	**90**	**104**	**120**	**104**	**90**	**75**	**61**
64	**75**	**90**	**104**	**120**	**104**	**90**	**75**	**64**
62	**75**	**90**	**104**	**120**	**104**	**90**	**75**	**62**
57	**74**	**90**	**104**	**120**	**104**	**90**	**74**	**57**
52	**65**	**86**	**104**	**120**	**104**	**86**	**65**	**52**

● F max. = 445 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-45°

45	54	68	85	**140**	85	68	54	45
51	64	83	**109**	**191**	**109**	83	64	51
57	73	100	**136**	**252**	**136**	100	73	57
62	81	**114**	**162**	**324**	**162**	**114**	81	62
65	86	**126**	**187**	**430**	**187**	**126**	86	65
63	83	**117**	**168**	**342**	**168**	**117**	83	63
59	75	102	**140**	**257**	**140**	102	75	59
53	66	86	**113**	**196**	**113**	86	66	53

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	**45**	**54**	**68**	**85**	**68**	**54**	**45**	**45**
51	**64**	**83**	**107**	**136**	**107**	**83**	**64**	**51**
57	**73**	**96**	**117**	**136**	**117**	**96**	**73**	**57**
62	**78**	**100**	**117**	**136**	**117**	**100**	**78**	**62**
65	**81**	**100**	**117**	**136**	**117**	**100**	**81**	**65**
63	**80**	**100**	**117**	**136**	**117**	**100**	**80**	**63**
59	**75**	**97**	**117**	**136**	**117**	**97**	**75**	**59**
53	**66**	**86**	**109**	**136**	**109**	**86**	**66**	**53**

● F max. = 449 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-50°

45	53	66	84	**137**	84	66	53	45
52	64	83	109	**189**	109	83	64	52
59	74	101	**139**	**254**	**139**	101	74	59
63	82	**116**	**167**	**329**	**167**	**116**	82	63
67	88	**128**	**193**	**438**	**193**	**128**	88	67
65	84	**119**	**173**	**347**	**173**	**119**	84	65
60	76	104	**143**	**260**	**143**	104	76	60
53	66	86	**113**	**195**	**113**	86	66	53

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	**53**	**66**	**84**	**66**	**53**	45	45
52	**64**	**83**	**109**	**152**	**109**	**83**	**64**	**52**
59	**74**	**101**	**131**	**152**	**131**	**101**	**74**	**59**
63	**82**	**110**	**131**	**152**	**131**	**110**	**82**	**63**
67	**88**	**110**	**131**	**152**	**131**	**110**	**88**	**67**
65	**84**	**110**	**131**	**152**	**131**	**110**	**84**	**65**
60	**76**	**104**	**131**	**152**	**131**	**104**	**76**	**60**
53	**66**	**86**	**113**	**152**	**113**	**86**	**66**	**53**

● F max. = 453 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-55°

45	53	65	82	**131**	82	65	53	45
52	63	81	**107**	**181**	**107**	81	63	52
60	75	100	**138**	**247**	**138**	100	75	60
65	83	**116**	**168**	**321**	**168**	**116**	83	65
69	89	**128**	**195**	**423**	**195**	**128**	89	69
67	87	**123**	**182**	**365**	**182**	**123**	87	67
62	79	107	**150**	**269**	**150**	107	79	62
56	68	89	**118**	**201**	**118**	89	68	56

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	**53**	**65**	**82**	**65**	**53**	45	45
52	**63**	**81**	**107**	**162**	**107**	**81**	**63**	52
60	**75**	**100**	**134**	**175**	**134**	**100**	**75**	**60**
65	**83**	**113**	**150**	**175**	**150**	**113**	**83**	**65**
69	**89**	**119**	**152**	**175**	**152**	**119**	**89**	**69**
67	**87**	**118**	**152**	**175**	**152**	**118**	**87**	**67**
62	**79**	**107**	**144**	**175**	**144**	**107**	**79**	**62**
56	**68**	**89**	**118**	**175**	**118**	**89**	**68**	**56**

● F max. = 463 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0180-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0180-60°

45	53	63	80	**125**	80	63	53	45
53	63	79	**105**	**173**	**105**	79	63	53
61	75	99	**137**	**240**	**137**	99	75	61
66	84	**116**	**170**	**314**	**170**	**116**	84	66
71	91	**128**	**198**	**409**	**198**	**128**	91	71
70	90	**126**	**192**	**383**	**192**	**126**	90	70
65	82	**110**	**157**	**279**	**157**	**110**	82	65
58	71	91	**123**	**207**	**123**	91	71	58

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

45	45	53	**63**	**80**	**63**	53	45	45
53	**63**	**79**	**105**	**173**	**105**	**79**	**63**	53
61	**75**	**99**	**137**	**199**	**137**	**99**	**75**	**61**
66	**84**	**116**	**170**	**199**	**170**	**116**	**84**	**66**
71	**91**	**128**	**173**	**199**	**173**	**128**	**91**	**71**
70	**90**	**126**	**173**	**199**	**173**	**126**	**90**	**70**
65	**82**	**110**	**157**	**199**	**157**	**110**	**82**	**65**
58	**71**	**91**	**123**	**199**	**123**	**91**	**71**	58

● F max. = 473 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-65°

47	55	65	79	**131**	79	65	55	47
56	67	83	106	**183**	106	83	67	56
65	80	104	**143**	**257**	**143**	104	80	65
71	89	**122**	**178**	**342**	**178**	**122**	89	71
75	97	**135**	**209**	**460**	**209**	**135**	97	75
72	91	**125**	**182**	**353**	**182**	**125**	91	72
65	81	106	**146**	**258**	**146**	106	81	65
57	68	85	108	**185**	108	85	68	57

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

47	47	55	65	**79**	65	55	47	47
56	67	**83**	**106**	**183**	**106**	**83**	67	56
65	**80**	**104**	**143**	**227**	**143**	**104**	**80**	65
71	**89**	**122**	**178**	**227**	**178**	**122**	**89**	**71**
75	**97**	**135**	**196**	**227**	**196**	**135**	**97**	**75**
72	**91**	**125**	**182**	**227**	**182**	**125**	**91**	**72**
65	**81**	**106**	**146**	**227**	**146**	**106**	**81**	65
57	**68**	**85**	**108**	**185**	**108**	**85**	**68**	57

● F max. = 479 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-70°

50	57	68	81	**135**	81	68	57	50
59	70	86	109	**189**	109	86	70	59
69	84	110	**147**	**255**	**147**	110	84	69
76	95	**128**	**183**	**327**	**183**	**128**	95	76
81	104	**143**	**215**	**482**	**215**	**143**	104	81
77	96	**129**	**185**	**356**	**185**	**129**	96	77
69	85	109	**146**	**259**	**146**	109	85	69
60	71	86	108	**185**	108	86	71	60

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

50	50	57	68	81	68	57	50	50
59	70	**86**	**109**	**189**	**109**	**86**	70	59
69	84	**110**	**147**	**241**	**147**	**110**	84	69
76	**95**	**128**	**183**	**270**	**183**	**128**	**95**	76
81	**104**	**143**	**209**	**285**	**209**	**143**	**104**	81
77	**96**	**129**	**185**	**285**	**185**	**129**	**96**	77
69	85	**109**	**146**	**243**	**146**	**109**	85	69
60	71	**86**	**108**	**185**	**108**	**86**	71	60

● F max. = 492 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0180-75°

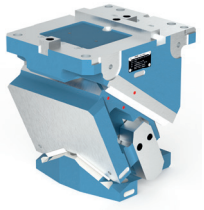
53	60	71	83	**139**	83	71	60	53
62	74	90	112	**194**	112	90	74	62
74	89	115	**152**	**254**	**152**	115	89	74
81	101	**135**	**189**	**313**	**189**	**135**	101	81
87	110	**151**	**222**	**503**	**222**	**151**	110	87
81	101	**134**	**187**	**359**	**187**	**134**	101	81
73	89	112	**146**	**260**	**146**	112	89	73
62	73	88	108	**185**	108	88	73	62

3x20 | 2x15,5 | 3x20 = 151

3x20 | 3x15 | 3x20 = 165

53	53	60	71	83	71	60	53	53
62	74	90	**112**	**194**	**112**	90	74	62
74	89	**115**	**152**	**254**	**152**	**115**	89	74
81	101	**135**	**189**	**313**	**189**	**135**	101	81
87	**110**	**151**	**222**	**344**	**222**	**151**	**110**	87
81	101	**134**	**187**	**344**	**187**	**134**	101	81
73	89	**112**	**146**	**260**	**146**	**112**	89	73
62	73	88	**108**	**185**	**108**	88	73	62

● F max. = 505 kN
(1.000.000 Hub/Stroke/Course)

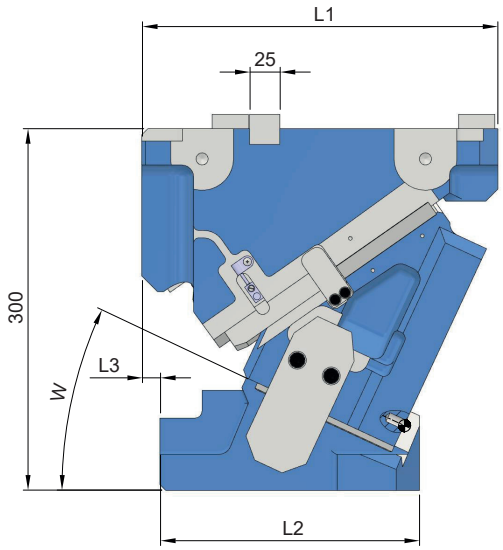


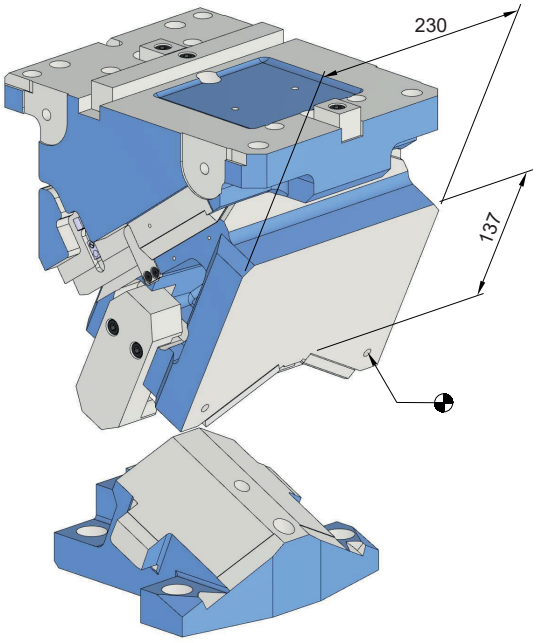
SN5650-PMOL-0230-

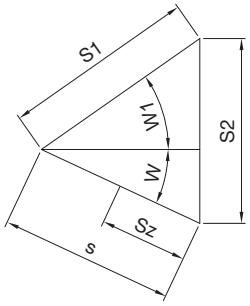
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	230 x 137 mm
Schieberbreite max.	*Cam unit width max.*	230 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 544 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

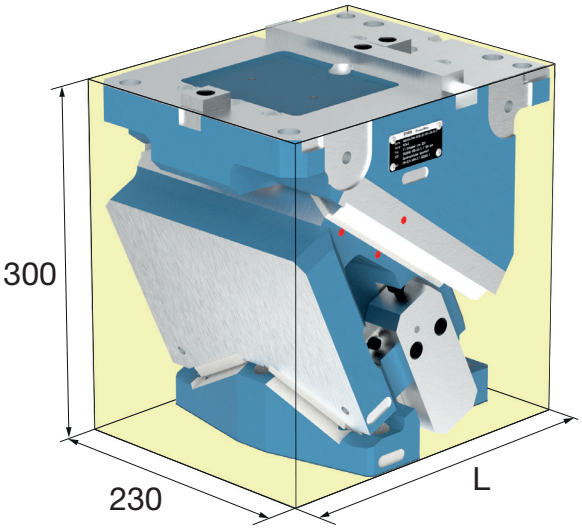
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

SN5650-PMOL-0230-

Oben hängender Schieber



E0



E1



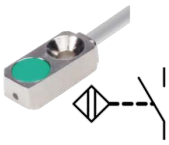
G0



S0



S1

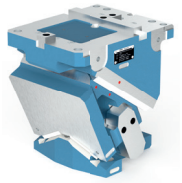


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

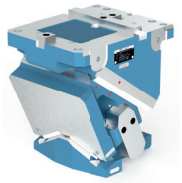
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E0-G0-S0-V04
0°	E0	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E0-G0-S1-V04
0°	E0	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E0-G1-S0-V04
0°	E0	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E0-G1-S1-V04
0°	E1	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E1-G0-S0-V04
0°	E1	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E1-G0-S1-V04
0°	E1	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E1-G1-S0-V04
0°	E1	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0230-00-E1-G1-S1-V04
5°	E0	G0	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E0-G0-S0-V04
5°	E0	G0	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E0-G0-S1-V04
5°	E0	G1	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E0-G1-S0-V04
5°	E0	G1	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E0-G1-S1-V04
5°	E1	G0	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E1-G0-S0-V04
5°	E1	G0	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E1-G0-S1-V04
5°	E1	G1	S0	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E1-G1-S0-V04
5°	E1	G1	S1	276.5	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0230-05-E1-G1-S1-V04
10°	E0	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E0-G0-S0-V04
10°	E0	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E0-G0-S1-V04
10°	E0	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E0-G1-S0-V04
10°	E0	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E0-G1-S1-V04
10°	E1	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E1-G0-S0-V04
10°	E1	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E1-G0-S1-V04
10°	E1	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E1-G1-S0-V04
10°	E1	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0230-10-E1-G1-S1-V04
15°	E0	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E0-G0-S0-V04
15°	E0	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E0-G0-S1-V04
20°	E0	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E0-G1-S0-V04
20°	E0	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E0-G1-S1-V04
15°	E1	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E1-G0-S0-V04
15°	E1	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E1-G0-S1-V04
15°	E1	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0230-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E0-G0-S1-V04
25°	E0	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E0-G1-S0-V04
25°	E0	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0230-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E0-G0-S1-V04
30°	E0	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E0-G1-S0-V04
30°	E0	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0230-25-E1-G1-S1-V04
30°	E0	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E0-G0-S0-V04
30°	E0	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E0-G0-S1-V04
35°	E0	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E0-G1-S0-V04
35°	E0	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E0-G1-S1-V04
30°	E1	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E1-G0-S0-V04
30°	E1	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E1-G0-S1-V04
30°	E1	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E1-G1-S0-V04
30°	E1	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0230-30-E1-G1-S1-V04
35°	E0	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E0-G0-S0-V04
35°	E0	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E0-G0-S1-V04
40°	E0	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E0-G1-S0-V04
40°	E0	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E0-G1-S1-V04
35°	E1	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E1-G0-S0-V04
35°	E1	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E1-G0-S1-V04
35°	E1	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E1-G1-S0-V04
35°	E1	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0230-35-E1-G1-S1-V04
40°	E0	G0	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E0-G0-S0-V04
40°	E0	G0	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E0-G0-S1-V04
45°	E0	G1	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E0-G1-S0-V04
45°	E0	G1	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E0-G1-S1-V04
40°	E1	G0	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E1-G0-S0-V04
40°	E1	G0	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E1-G0-S1-V04
40°	E1	G1	S0	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E1-G1-S0-V04
40°	E1	G1	S1	305	27	54.7	47	56.5	37	305	185	0	SN5650-PMOL-0230-40-E1-G1-S1-V04
45°	E0	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E0-G0-S0-V04
45°	E0	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E0-G0-S1-V04
50°	E0	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E0-G1-S0-V04
50°	E0	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E0-G1-S1-V04
45°	E1	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E1-G0-S0-V04
45°	E1	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E1-G0-S1-V04
45°	E1	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E1-G1-S0-V04
45°	E1	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0230-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E0-G0-S1-V04
55°	E0	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E0-G1-S0-V04
55°	E0	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E1-G0-S0-V04
50°	E1	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E1-G0-S1-V04

D 1801D 06.2022

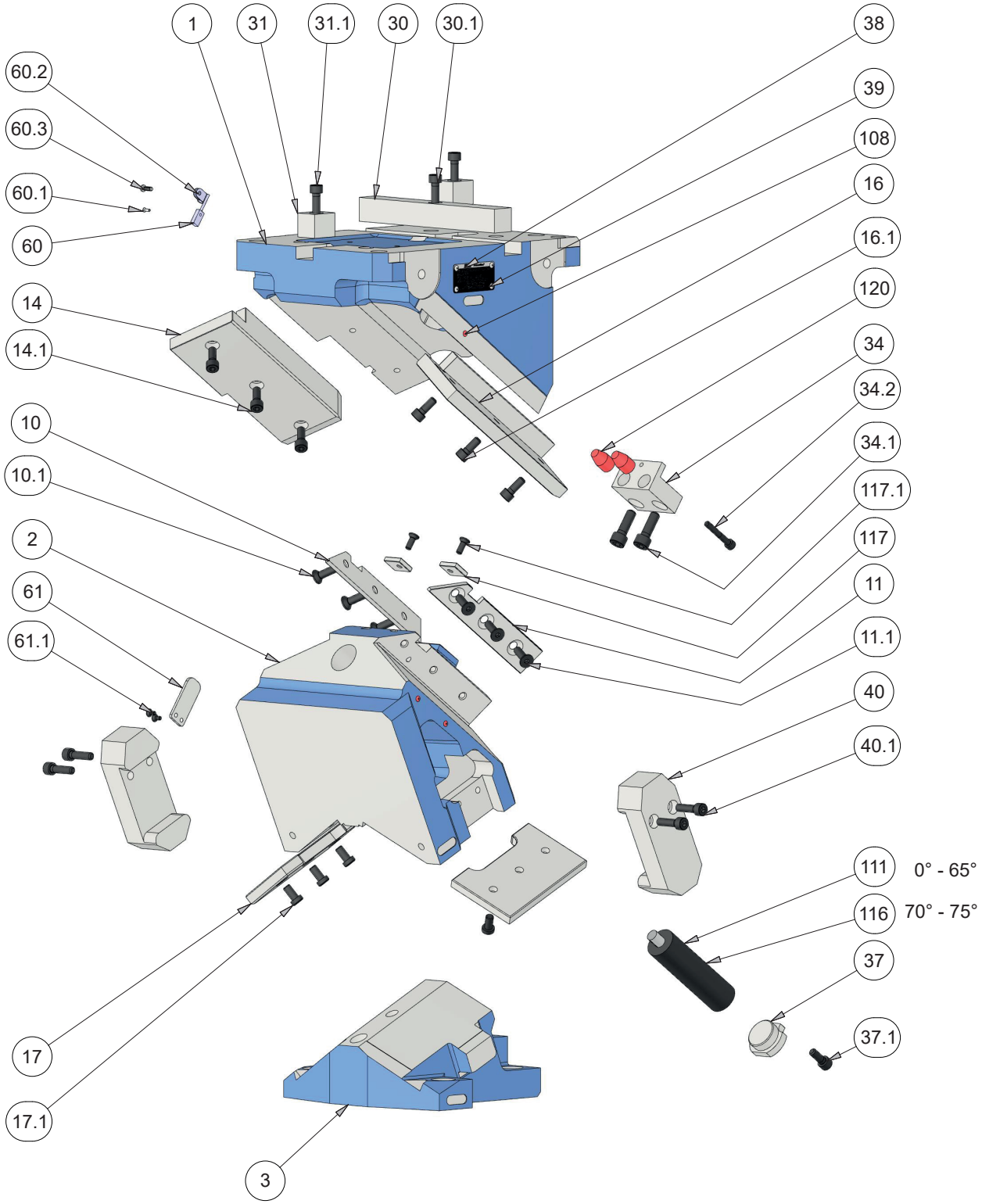


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0230-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E0-G0-S1-V04
5°	E0	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E0-G1-S0-V04
5°	E0	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0230-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E0-G0-S1-V04
65°	E0	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E0-G1-S0-V04
65°	E0	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0230-60-E1-G1-S1-V04
65°	E0	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E0-G0-S0-V04
65°	E0	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E0-G1-S1-V04
65°	E1	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E1-G0-S0-V04
65°	E1	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E1-G0-S1-V04
65°	E1	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E1-G1-S0-V04
65°	E1	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0230-65-E1-G1-S1-V04
70°	E0	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E0-G0-S0-V04
70°	E0	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E0-G1-S1-V04
70°	E1	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E1-G0-S0-V04
70°	E1	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E1-G0-S1-V04
70°	E1	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E1-G1-S0-V04
70°	E1	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0230-70-E1-G1-S1-V04
75°	E0	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E0-G0-S0-V04
75°	E0	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E0-G0-S1-V04
75°	E0	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E0-G1-S0-V04
75°	E0	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E0-G1-S1-V04
75°	E1	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E1-G0-S0-V04
75°	E1	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E1-G0-S1-V04
75°	E1	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E1-G1-S0-V04
75°	E1	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0230-75-E1-G1-S1-V04

SN5650-PMOL-0230-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

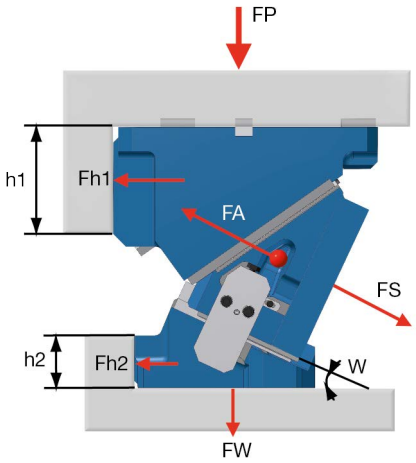
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SN5650-PMOL-0230-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	544	510	544	510	0	147	25	33
05°	600	565	550	508	45	140	43	39
10°	655	620	556	506	89	132	60	44
15°	677	644	528	467	123	125	60	43
20°	698	667	500	428	156	117	60	42
25°	712	682	467	382	175	120	60	44
30°	725	698	434	335	194	122	60	45
35°	732	707	399	288	198	112	65	48
40°	739	717	363	242	203	102	70	50
45°	750	730	331	201	197	102	75	53
50°	761	743	299	160	191	102	80	56
55°	770	754	265	125	174	90	90	54
60°	778	764	232	90	157	77	100	53
65°	787	772	206	59	127	80	100	53
70°	779	765	218	89	130	71	103	54
75°	796	787	138	18	68	40	125	52



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	408	383	408	383	0	147	25	33
05°	450	424	412	382	34	140	43	39
10°	491	466	417	380	67	132	60	44
15°	507	483	396	351	92	125	60	43
20°	524	501	375	322	117	117	60	42
25°	528	506	347	284	130	120	60	44
30°	532	512	318	246	142	122	60	45
35°	543	525	295	214	147	112	65	48
40°	554	538	272	182	152	102	70	50
45°	563	548	248	151	148	102	75	53
50°	571	557	224	120	143	102	80	56
55°	577	565	199	94	131	90	90	54
60°	584	573	174	68	118	77	100	53
65°	590	579	154	45	95	80	100	53
70°	584	574	163	67	97	71	103	54
75°	597	591	103	14	52	40	125	52

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

D 1801D 06.2022

SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0230-0°

68	84	102	132	**181**	**266**	**181**	132	102	84	68	17
73	90	111	**146**	**204**	**310**	**204**	**146**	111	90	73	6x20
77	96	121	**161**	**228**	**362**	**228**	**161**	121	96	77	
81	101	130	**176**	**255**	**434**	**255**	**176**	130	101	81	
84	107	**139**	**192**	**289**	**540**	**289**	**192**	**139**	107	84	
84	107	**140**	**192**	**290**	**542**	**290**	**192**	**140**	107	84	
81	102	131	**177**	**256**	**435**	**256**	**177**	131	102	81	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**
44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**
44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**
44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**
44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**
44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**
44	**52**	**62**	**74**	**87**	**104**	**87**	**74**	**62**	**52**	**44**

● F max. = 544 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-5°

68	85	104	132	**182**	**267**	**182**	132	104	85	68	17
73	92	113	**146**	**207**	**315**	**207**	**146**	113	92	73	6x20
77	98	124	**162**	**232**	**370**	**232**	**162**	124	98	77	
81	104	134	**179**	**260**	**445**	**260**	**179**	134	104	81	
84	110	**143**	**196**	**296**	**557**	**296**	**196**	**143**	110	84	
85	110	**144**	**196**	**295**	**555**	**295**	**196**	**144**	110	85	
81	105	134	**179**	**261**	**444**	**261**	**179**	134	105	81	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

45	**55**	**66**	**79**	**94**	**113**	**94**	**79**	**66**	**55**	**45**
45	**54**	**65**	**79**	**94**	**113**	**94**	**79**	**65**	**54**	**45**
45	**54**	**65**	**78**	**94**	**113**	**94**	**78**	**65**	**54**	**45**
45	**54**	**65**	**78**	**94**	**113**	**94**	**78**	**65**	**54**	**45**
45	**54**	**65**	**78**	**94**	**113**	**94**	**78**	**65**	**54**	**45**
45	**54**	**65**	**78**	**94**	**113**	**94**	**78**	**65**	**54**	**45**
45	**54**	**65**	**78**	**94**	**113**	**94**	**78**	**65**	**54**	**45**

● F max. = 600 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-10°

68	86	105	131	**182**	**268**	**182**	131	105	86	68	17
73	93	115	**146**	**209**	**319**	**209**	**146**	115	93	73	6x20
77	100	126	**163**	**236**	**378**	**236**	**163**	126	100	77	
81	107	137	**181**	**265**	**456**	**265**	**181**	137	107	81	
84	113	**147**	**199**	**302**	**574**	**302**	**199**	**147**	113	84	
85	113	**147**	**199**	**300**	**567**	**300**	**199**	**147**	113	85	
81	107	137	**181**	**265**	**452**	**265**	**181**	137	107	81	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

46	**57**	**69**	**84**	**101**	**122**	**101**	**84**	**69**	**57**	**46**
46	**57**	**69**	**84**	**100**	**122**	**100**	**84**	**69**	**57**	**46**
46	**57**	**68**	**83**	**100**	**122**	**100**	**83**	**68**	**57**	**46**
46	**57**	**68**	**83**	**100**	**122**	**100**	**83**	**68**	**57**	**46**
46	**57**	**68**	**83**	**100**	**122**	**100**	**83**	**68**	**57**	**46**
46	**57**	**68**	**83**	**100**	**122**	**100**	**83**	**68**	**57**	**46**
46	**57**	**68**	**83**	**100**	**122**	**100**	**83**	**68**	**57**	**46**

● F max. = 655 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-15°

66	82	100	123	**170**	**256**	**170**	123	100	82	66	17
71	89	110	139	**197**	**309**	**197**	139	110	89	71	6x20
76	96	122	**158**	**227**	**375**	**227**	**158**	122	96	76	
80	104	133	**177**	**259**	**462**	**259**	**177**	133	104	80	
84	110	144	**197**	**298**	**602**	**298**	**197**	144	110	84	
83	109	142	**193**	**288**	**558**	**288**	**193**	142	109	83	
79	102	131	**173**	**252**	**437**	**252**	**173**	131	102	79	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

47	**58**	**71**	**87**	**107**	**134**	**107**	**87**	**71**	**58**	**47**
47	**57**	**70**	**87**	**106**	**134**	**106**	**87**	**70**	**57**	**47**
47	**57**	**70**	**86**	**106**	**134**	**106**	**86**	**70**	**57**	**47**
47	**57**	**70**	**86**	**106**	**134**	**106**	**86**	**70**	**57**	**47**
47	**57**	**70**	**86**	**106**	**134**	**106**	**86**	**70**	**57**	**47**
47	**57**	**70**	**86**	**106**	**134**	**106**	**86**	**70**	**57**	**47**
47	**57**	**70**	**86**	**106**	**134**	**106**	**86**	**70**	**57**	**47**

● F max. = 677 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

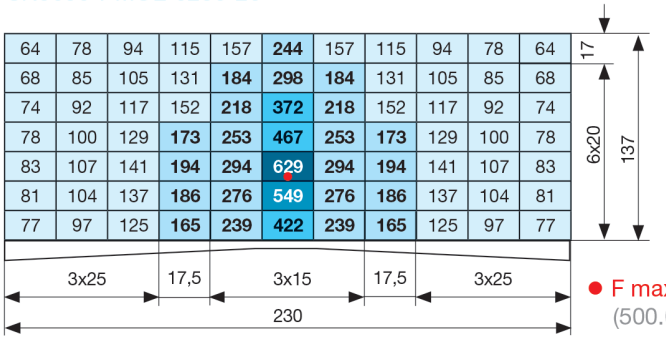
SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

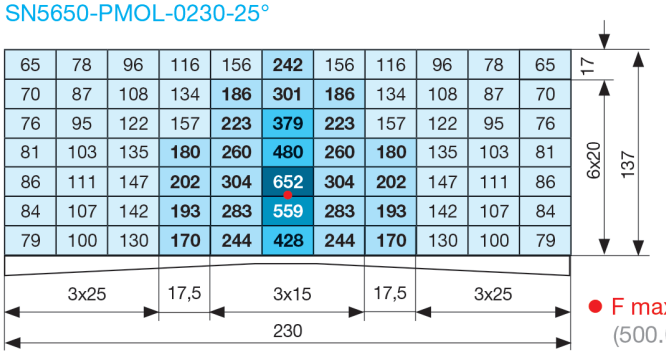
SN5650-PMOL-0230-20°



47	58	72	90	113	146	113	90	72	58	47
47	57	71	90	112	146	112	90	71	57	47
47	57	71	89	112	146	112	89	71	57	47
47	57	71	89	112	146	112	89	71	57	47
47	57	71	89	112	146	112	89	71	57	47
47	57	71	89	112	146	112	89	71	57	47
47	57	71	89	112	146	112	89	71	57	47

● F max. = 698 kN
(500.000 Hub/Stroke/Course)

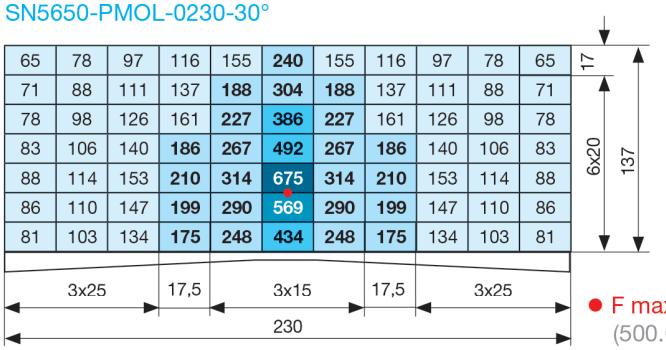
SN5650-PMOL-0230-25°



49	61	78	98	123	161	123	98	78	61	49
49	61	77	98	122	161	122	98	77	61	49
49	61	76	97	122	161	122	97	76	61	49
49	61	76	97	122	161	122	97	76	61	49
49	61	76	97	122	161	122	97	76	61	49
49	61	76	97	122	161	122	97	76	61	49
49	61	76	97	122	161	122	97	76	61	49

● F max. = 712 kN
(500.000 Hub/Stroke/Course)

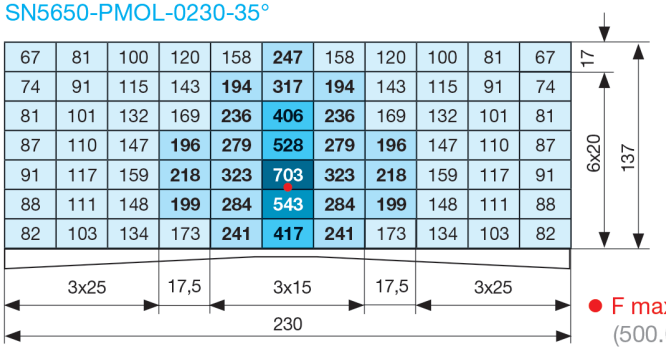
SN5650-PMOL-0230-30°



51	64	83	105	133	175	133	105	83	64	51
51	64	82	105	132	175	132	105	82	64	51
51	64	81	104	132	175	132	104	81	64	51
51	64	81	104	132	175	132	104	81	64	51
51	64	81	104	132	175	132	104	81	64	51
51	64	81	104	132	175	132	104	81	64	51
51	64	81	104	132	175	132	104	81	64	51

● F max. = 725 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-35°



55	68	89	115	146	194	146	115	89	68	55
55	68	89	114	145	194	145	114	89	68	55
55	68	88	113	145	194	145	113	88	68	55
55	68	88	113	145	194	145	113	88	68	55
55	68	88	113	145	194	145	113	88	68	55
55	68	88	113	145	194	145	113	88	68	55
55	68	88	113	145	194	145	113	88	68	55

● F max. = 732 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0230-40°

69	83	102	124	161	**254**	161	124	102	83	69	17
76	93	119	148	**199**	**330**	**199**	148	119	93	76	6x20
84	104	137	177	**244**	**426**	**244**	177	137	104	84	137
90	113	153	**205**	**291**	**563**	**291**	**205**	153	113	90	
94	120	165	**226**	**332**	**730**	**332**	**226**	165	120	94	
89	112	149	**198**	**278**	**517**	**278**	**198**	149	112	89	
83	102	133	170	**233**	**399**	**233**	170	133	102	83	

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

58	**72**	**95**	**124**	**158**	**213**	**158**	**124**	**95**	**72**	58
58	**72**	**95**	**123**	**158**	**213**	**158**	**123**	**95**	**72**	58
58	**72**	**94**	**122**	**157**	**213**	**157**	**122**	**94**	**72**	58
58	**72**	**94**	**122**	**157**	**213**	**157**	**122**	**94**	**72**	58
58	**72**	**94**	**122**	**157**	**213**	**157**	**122**	**94**	**72**	58
58	**72**	**94**	**122**	**157**	**213**	**157**	**122**	**94**	**72**	58
58	**72**	**94**	**122**	**157**	**213**	**157**	**122**	**94**	**72**	58

● F max. = 739 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-45°

70	84	102	125	164	**246**	164	125	102	84	70	17
78	95	120	151	**204**	**323**	**204**	151	120	95	78	6x20
87	107	140	**185**	**255**	**423**	**255**	**185**	140	107	87	137
93	116	157	**215**	**304**	**553**	**304**	**215**	157	116	93	
97	124	171	**242**	**354**	**736**	**354**	**242**	171	124	97	
94	118	158	**218**	**307**	**556**	**307**	**218**	158	118	94	
88	108	142	181	**253**	**428**	**253**	181	142	108	88	

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

65	**78**	**99**	**125**	**162**	**226**	**162**	**125**	**99**	**78**	65
69	**84**	**108**	**139**	**184**	**241**	**184**	**139**	**108**	**84**	69
73	**89**	**115**	**151**	**187**	**241**	**187**	**151**	**115**	**89**	**73**
73	**89**	**115**	**151**	**187**	**241**	**187**	**151**	**115**	**89**	**73**
73	**89**	**115**	**151**	**187**	**241**	**187**	**151**	**115**	**89**	**73**
73	**89**	**115**	**151**	**187**	**241**	**187**	**151**	**115**	**89**	**73**
73	**89**	**115**	**151**	**187**	**241**	**187**	**151**	**115**	**89**	**73**

● F max. = 750 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-50°

71	84	102	125	166	**238**	166	125	102	84	71	17
79	96	121	154	**209**	**315**	**209**	154	121	96	79	6x20
89	109	143	**193**	**265**	**420**	**265**	**193**	143	109	89	137
95	119	160	**225**	**316**	**542**	**316**	**225**	160	119	95	
100	128	176	**257**	**376**	**741**	**376**	**257**	176	128	100	
98	123	166	**237**	**335**	**594**	**335**	**237**	166	123	98	
92	114	150	**191**	**272**	**456**	**272**	**191**	150	114	92	

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

71	**84**	**102**	**125**	**166**	**238**	**166**	**125**	**102**	**84**	71
79	**96**	**121**	**154**	**209**	**268**	**209**	**154**	**121**	**96**	79
87	**106**	**136**	**179**	**217**	**268**	**217**	**179**	**136**	**106**	**87**
87	**106**	**136**	**179**	**217**	**268**	**217**	**179**	**136**	**106**	**87**
87	**106**	**136**	**179**	**217**	**268**	**217**	**179**	**136**	**106**	**87**
87	**106**	**136**	**179**	**217**	**268**	**217**	**179**	**136**	**106**	**87**
87	**106**	**136**	**179**	**217**	**268**	**217**	**179**	**136**	**106**	**87**

● F max. = 761 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-55°

75	89	107	131	173	**254**	173	131	107	89	75	17
85	102	128	163	**220**	**341**	**220**	163	128	102	85	6x20
94	116	151	**203**	**278**	**455**	**278**	**203**	151	116	94	137
101	126	169	**237**	**335**	**609**	**335**	**237**	169	126	101	
104	131	**177**	**251**	**362**	**694**	**362**	**251**	**177**	131	104	
99	123	162	**224**	**311**	**535**	**311**	**224**	162	123	99	
91	111	142	**181**	**249**	**406**	**249**	**181**	142	111	91	

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

75	89	**107**	**131**	**173**	**254**	**173**	**131**	**107**	89	75
85	**102**	**128**	**163**	**220**	**310**	**220**	**163**	**128**	**102**	85
93	**114**	**148**	**196**	**248**	**310**	**248**	**196**	**148**	**114**	**93**
97	**120**	**153**	**201**	**248**	**310**	**248**	**201**	**153**	**120**	**97**
97	**120**	**153**	**201**	**248**	**310**	**248**	**201**	**153**	**120**	**97**
94	**114**	**147**	**195**	**248**	**310**	**248**	**195**	**147**	**114**	**94**
89	**107**	**135**	**175**	**222**	**310**	**222**	**175**	**135**	**107**	89

● F max. = 770 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0230-60°

79	93	112	137	**179**	**270**	**179**	137	112	93	79	17
90	108	135	**172**	**230**	**366**	**230**	**172**	135	108	90	6x20
99	122	159	**212**	**291**	**490**	**291**	**212**	159	122	99	
107	133	**178**	**248**	**354**	**675**	**354**	**248**	**178**	133	107	
107	133	**177**	**245**	**347**	**647**	**347**	**245**	**177**	133	107	
100	122	158	**210**	**286**	**475**	**286**	**210**	158	122	100	
90	108	134	**170**	**226**	**355**	**226**	**170**	134	108	90	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

79	93	**112**	**137**	**179**	**270**	**179**	**137**	**112**	93	79
90	**108**	**135**	**172**	**230**	**352**	**230**	**172**	**135**	**108**	90
99	**122**	**159**	**212**	**279**	**352**	**279**	**212**	**159**	**122**	99
107	**133**	**170**	**222**	**279**	**352**	**279**	**222**	**170**	**133**	**107**
107	**133**	**170**	**222**	**279**	**352**	**279**	**222**	**170**	**133**	**107**
100	**122**	**158**	**210**	**279**	**352**	**279**	**210**	**158**	**122**	100
90	**108**	**134**	**170**	**226**	**352**	**226**	**170**	**134**	**108**	90

● F max. = 778 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-65°

82	95	113	136	**176**	**263**	**176**	136	113	95	82	17
94	111	138	**172**	**231**	**325**	**231**	**172**	138	111	94	6x20
105	128	164	**216**	**298**	**430**	**298**	**216**	164	128	105	
114	141	**186**	**254**	**367**	**682**	**367**	**254**	**186**	141	114	
114	141	**185**	**251**	**360**	**652**	**360**	**251**	**185**	141	114	
105	128	163	**213**	**292**	**474**	**292**	**213**	163	128	105	
94	111	137	170	**226**	**348**	**226**	170	137	111	94	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

82	95	113	**136**	**176**	**263**	**176**	**136**	113	95	82
94	111	**138**	**172**	**231**	**325**	**231**	**172**	**138**	111	94
102	**126**	**164**	**216**	**298**	**402**	**298**	**216**	**164**	**126**	102
102	**126**	**165**	**223**	**301**	**402**	**301**	**223**	**165**	**126**	102
102	**126**	**165**	**223**	**301**	**402**	**301**	**223**	**165**	**126**	102
102	**126**	**163**	**213**	**292**	**402**	**292**	**213**	**163**	**126**	102
94	111	**137**	**170**	**226**	**348**	**226**	**170**	**137**	111	94

● F max. = 787 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-70°

69	89	106	125	157	**233**	157	125	106	89	69	17
80	104	128	157	**202**	**303**	**202**	157	128	104	80	6x20
95	122	155	**202**	**267**	**372**	**267**	**202**	155	122	95	
111	136	178	**241**	**330**	**488**	**330**	**241**	178	136	111	
109	145	**192**	**267**	**376**	**733**	**376**	**267**	**192**	145	109	
97	134	174	**234**	**317**	**548**	**317**	**234**	174	134	97	
85	119	150	**186**	**248**	**409**	**248**	**186**	150	119	85	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

70	89	106	125	**157**	**233**	**157**	125	106	89	70
81	104	128	**157**	**202**	**279**	**202**	**157**	128	104	81
96	121	**152**	**195**	**243**	**296**	**243**	**195**	**152**	121	96
107	**130**	**166**	**218**	**281**	**351**	**281**	**218**	**166**	**130**	107
100	**134**	**172**	**228**	**297**	**438**	**297**	**228**	**172**	**134**	100
89	125	**159**	**205**	**258**	**385**	**258**	**205**	**159**	125	89
81	115	**143**	**180**	**220**	**315**	**220**	**180**	**143**	115	81

● F max. = 779 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0230-75°

67	94	109	125	147	**228**	147	125	109	94	67	17
80	112	134	159	**194**	**290**	**194**	159	134	112	80	6x20
100	135	167	**210**	**268**	**323**	**268**	**210**	167	135	100	
126	153	**196**	**257**	**344**	**433**	**344**	**257**	**196**	153	126	
118	161	**208**	**276**	**376**	**724**	**376**	**276**	**208**	161	118	
95	144	**181**	**230**	**299**	**501**	**299**	**230**	**181**	144	95	
78	123	149	**181**	**223**	**362**	**223**	**181**	149	123	78	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

69	94	109	125	147	**228**	147	125	109	94	69
83	112	134	159	**194**	**290**	**194**	159	134	112	83
104	135	167	**210**	**268**	**323**	**268**	**210**	167	135	104
126	153	**196**	**257**	**344**	**433**	**344**	**257**	**196**	153	126
112	161	**208**	**276**	**376**	**607**	**376**	**276**	**208**	161	112
91	144	**181**	**230**	**299**	**501**	**299**	**230**	**181**	144	91
75	123	149	181	**223**	**362**	**223**	181	149	123	75

● F max. = 796 kN
(500.000 Hub/Stroke/Course)

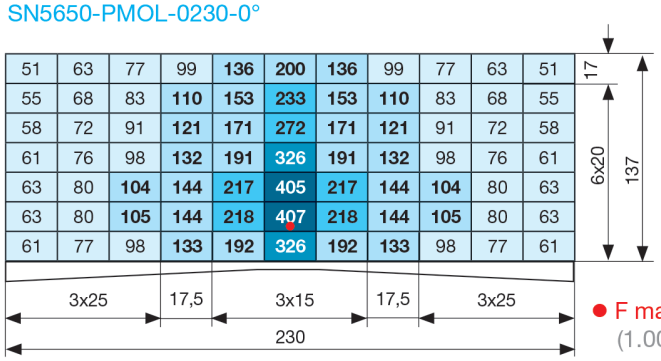
SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

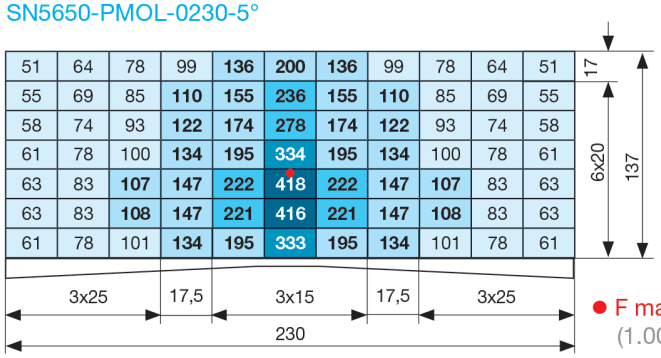
SN5650-PMOL-0230-0°



33	39	47	56	65	78	65	56	47	39	33
33	39	47	56	65	78	65	56	47	39	33
33	39	47	56	65	78	65	56	47	39	33
33	39	47	56	65	78	65	56	47	39	33
33	39	47	56	65	78	65	56	47	39	33
33	39	47	56	65	78	65	56	47	39	33
33	39	47	56	65	78	65	56	47	39	33

● F max. = 408 kN
(1.000.000 Hub/Stroke/Course)

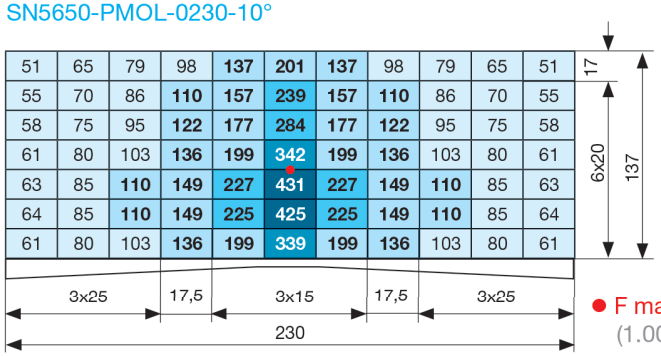
SN5650-PMOL-0230-5°



34	41	49	59	71	85	71	59	49	41	34
34	41	49	59	70	85	70	59	49	41	34
34	41	49	59	70	85	70	59	49	41	34
34	41	49	59	70	85	70	59	49	41	34
34	41	49	59	70	85	70	59	49	41	34
34	41	49	59	70	85	70	59	49	41	34
34	41	49	59	70	85	70	59	49	41	34

● F max. = 450 kN
(1.000.000 Hub/Stroke/Course)

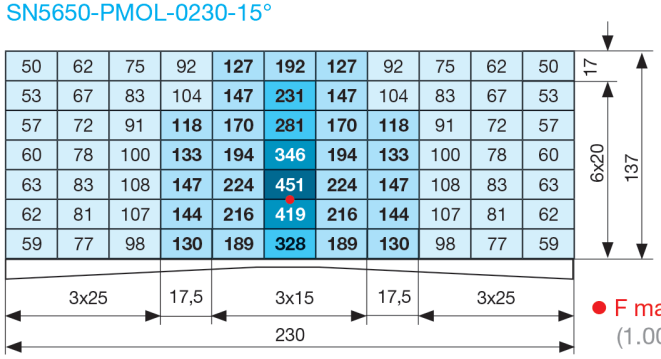
SN5650-PMOL-0230-10°



35	43	52	63	76	92	76	63	52	43	35
35	43	52	63	75	92	75	63	52	43	35
35	43	51	62	75	92	75	62	51	43	35
35	43	51	62	75	92	75	62	51	43	35
35	43	51	62	75	92	75	62	51	43	35
35	43	51	62	75	92	75	62	51	43	35
35	43	51	62	75	92	75	62	51	43	35

● F max. = 491 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-15°



35	43	53	65	80	101	80	65	53	43	35
35	43	53	65	80	101	80	65	53	43	35
35	43	52	65	80	101	80	65	52	43	35
35	43	52	65	80	101	80	65	52	43	35
35	43	52	65	80	101	80	65	52	43	35
35	43	52	65	80	101	80	65	52	43	35
35	43	52	65	80	101	80	65	52	43	35

● F max. = 507 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0230-20°

48	59	71	86	118	**183**	118	86	71	59	48	17
51	64	79	98	**138**	**224**	**138**	98	79	64	51	6x20
56	69	88	114	**164**	**279**	**164**	114	88	69	56	
59	75	97	**130**	**190**	**350**	**190**	**130**	97	75	59	
62	80	106	**146**	**221**	**472**	**221**	**146**	106	80	62	
61	78	103	**140**	**207**	**412**	**207**	**140**	103	78	61	
58	73	94	**124**	**179**	**317**	**179**	**124**	94	73	58	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

35	44	54	68	85	**110**	85	68	54	44	35
35	43	53	68	84	**110**	84	68	53	43	35
35	43	53	67	84	**110**	84	67	53	43	35
35	43	53	67	84	**110**	84	67	53	43	35
35	43	53	67	84	**110**	84	67	53	43	35
35	43	53	67	84	**110**	84	67	53	43	35
35	43	53	67	84	**110**	84	67	53	43	35

● F max. = 524 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-25°

48	59	72	87	117	**182**	117	87	72	59	48	17
52	65	81	101	**140**	**226**	**140**	101	81	65	52	6x20
57	71	91	117	**167**	**284**	**167**	117	91	71	57	
60	77	101	**135**	**195**	**360**	**195**	**135**	101	77	60	
64	83	110	**152**	**228**	**489**	**228**	**152**	110	83	64	
63	80	107	**144**	**212**	**419**	**212**	**144**	107	80	63	
59	75	97	**128**	**183**	**321**	**183**	**128**	97	75	59	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

37	46	58	73	92	**120**	92	73	58	46	37
37	45	57	73	92	**120**	92	73	57	45	37
37	45	57	72	92	**120**	92	72	57	45	37
37	45	57	72	92	**120**	92	72	57	45	37
37	45	57	72	92	**120**	92	72	57	45	37
37	45	57	72	92	**120**	92	72	57	45	37
37	45	57	72	92	**120**	92	72	57	45	37

● F max. = 528 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-30°

49	59	73	87	116	**180**	116	87	73	59	49	17
53	66	83	103	**141**	**228**	**141**	103	83	66	53	6x20
59	74	95	121	**170**	**290**	**170**	121	95	74	59	
62	80	105	**140**	**200**	**369**	**200**	**140**	105	80	62	
66	86	115	**158**	**236**	**506**	**236**	**158**	115	86	66	
65	83	110	**149**	**218**	**427**	**218**	**149**	110	83	65	
61	77	101	**131**	**186**	**326**	**186**	**131**	101	77	61	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

38	48	62	79	100	**131**	100	79	62	48	38
38	48	62	79	99	**131**	99	79	62	48	38
38	48	61	78	99	**131**	99	78	61	48	38
38	48	61	78	99	**131**	99	78	61	48	38
38	48	61	78	99	**131**	99	78	61	48	38
38	48	61	78	99	**131**	99	78	61	48	38
38	48	61	78	99	**131**	99	78	61	48	38

● F max. = 532 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-35°

50	60	75	90	119	**185**	119	90	75	60	50	17
55	68	86	107	**145**	**238**	**145**	107	86	68	55	6x20
61	76	99	127	**177**	**305**	**177**	127	99	76	61	
65	82	110	**147**	**209**	**396**	**209**	**147**	110	82	65	
68	88	119	**164**	**242**	**527**	**242**	**164**	119	88	68	
66	83	111	**149**	**213**	**407**	**213**	**149**	111	83	66	
62	77	100	129	**180**	**312**	**180**	129	100	77	62	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25

230

41	51	67	86	109	**146**	109	86	67	51	41
41	51	66	86	109	**146**	109	86	66	51	41
41	51	66	85	108	**146**	108	85	66	51	41
41	51	66	85	108	**146**	108	85	66	51	41
41	51	66	85	108	**146**	108	85	66	51	41
41	51	66	85	108	**146**	108	85	66	51	41
41	51	66	85	108	**146**	108	85	66	51	41

● F max. = 543 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0230-40°

52	62	77	93	121	**191**	121	93	77	62	52	17
57	70	89	111	**149**	**248**	**149**	111	89	70	57	6x20
63	78	103	133	**183**	**320**	**183**	133	103	78	63	
68	85	115	**154**	**218**	**422**	**218**	**154**	115	85	68	
71	90	124	**170**	**249**	**548**	**249**	**170**	124	90	71	
67	84	112	**149**	**209**	**388**	**209**	**149**	112	84	67	
62	77	100	128	**175**	**299**	**175**	128	100	77	62	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

52	**62**	**77**	93	121	**191**	121	93	**77**	**62**	52
57	**70**	**89**	111	149	**248**	149	111	**89**	**70**	57
63	**78**	**103**	133	183	**320**	183	133	**103**	**78**	63
68	**85**	**115**	154	218	**422**	218	154	**115**	**85**	68
71	**90**	**124**	170	249	**548**	249	170	**124**	**90**	71
67	**84**	**112**	149	209	**388**	209	149	**112**	**84**	67
62	**77**	**100**	128	175	**299**	175	128	**100**	**77**	62

● F max. = 554 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-45°

53	63	77	93	123	**185**	123	93	77	63	53	17
58	71	90	113	**153**	**242**	**153**	113	90	71	58	6x20
65	80	105	**139**	**191**	**317**	**191**	**139**	105	80	65	
69	87	117	**161**	**228**	**414**	**228**	**161**	117	87	69	
73	93	128	**181**	**266**	**552**	**266**	**181**	128	93	73	
70	88	118	**163**	**230**	**417**	**230**	**163**	118	88	70	
66	81	106	135	**189**	**321**	**189**	135	106	81	66	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

48	**59**	**74**	93	122	**169**	122	93	**74**	**59**	48
51	**63**	**81**	104	138	**180**	138	104	**81**	**63**	51
54	**67**	**86**	113	140	**180**	140	113	**86**	**67**	**54**
54	**67**	**86**	113	140	**180**	140	113	**86**	**67**	**54**
54	**67**	**86**	113	140	**180**	140	113	**86**	**67**	**54**
54	**67**	**86**	113	140	**180**	140	113	**86**	**67**	**54**
54	**67**	**86**	113	140	**180**	140	113	**86**	**67**	**54**

● F max. = 563 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-50°

53	63	77	94	125	**179**	125	94	77	63	53	17
59	72	91	116	**157**	**236**	**157**	116	91	72	59	6x20
67	82	107	**145**	**199**	**315**	**199**	**145**	107	82	67	
71	89	120	**169**	**237**	**407**	**237**	**169**	120	89	71	
75	96	132	**193**	**282**	**556**	**282**	**193**	132	96	75	
74	92	125	**178**	**251**	**446**	**251**	**178**	125	92	74	
69	86	113	**143**	**204**	**342**	**204**	**143**	113	86	69	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

53	**63**	**77**	94	125	**179**	125	94	**77**	**63**	53
59	**72**	**91**	116	157	**201**	157	116	**91**	**72**	59
65	**80**	**102**	134	163	**201**	163	134	**102**	**80**	**65**
65	**80**	**102**	134	163	**201**	163	134	**102**	**80**	**65**
65	**80**	**102**	134	163	**201**	163	134	**102**	**80**	**65**
65	**80**	**102**	134	163	**201**	163	134	**102**	**80**	**65**
65	**80**	**102**	134	163	**201**	163	134	**102**	**80**	**65**

● F max. = 571 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-55°

56	66	80	98	129	**191**	129	98	80	66	56	17
63	77	96	122	**165**	**255**	**165**	122	96	77	63	6x20
71	87	113	**152**	**209**	**341**	**209**	**152**	113	87	71	
76	95	127	**177**	**251**	**456**	**251**	**177**	127	95	76	
78	98	**132**	**188**	**271**	**521**	**271**	**188**	**132**	98	78	
74	92	122	**168**	**233**	**401**	**233**	**168**	122	92	74	
68	83	107	**135**	**187**	**304**	**187**	**135**	107	83	68	137

3x25 | 17,5 | 3x15 | 17,5 | 3x25 = 230

56	66	**80**	**98**	**129**	**191**	**129**	**98**	**80**	66	56
63	**77**	**96**	**122**	**165**	**233**	**165**	**122**	**96**	**77**	63
70	**86**	**111**	**147**	**186**	**233**	**186**	**147**	**111**	**86**	**70**
73	**90**	**115**	**150**	**186**	**233**	**186**	**150**	**115**	**90**	**73**
73	**90**	**115**	**150**	**186**	**233**	**186**	**150**	**115**	**90**	**73**
70	**86**	**110**	**146**	**186**	**233**	**186**	**146**	**110**	**86**	**70**
66	**80**	**101**	**131**	**166**	**233**	**166**	**131**	**101**	**80**	66

● F max. = 577 kN
(1.000.000 Hub/Stroke/Course)

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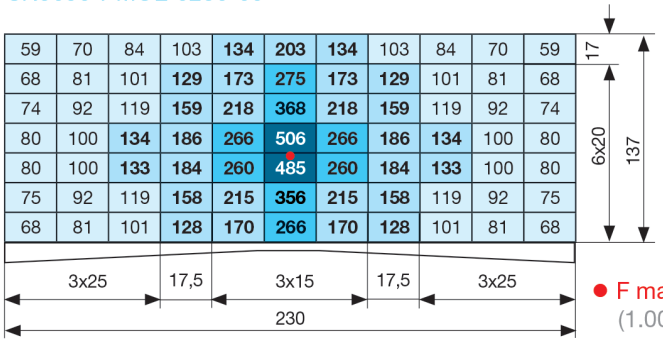
SN5650-PMOL-0230-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0230-60°

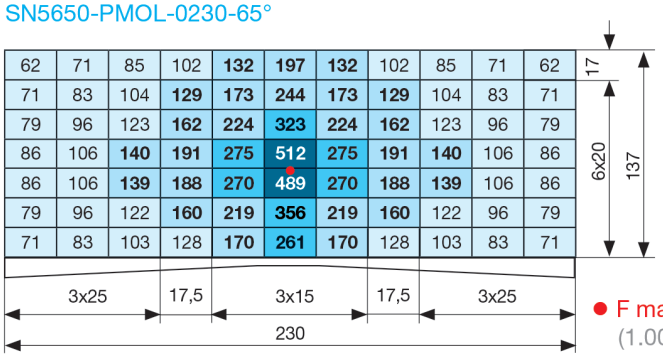


59	70	84	103	134	203	134	103	84	70	59
68	81	101	129	173	275	173	129	101	81	68
74	92	119	159	218	368	218	159	119	92	74
80	100	134	186	266	506	266	186	134	100	80
80	100	133	184	260	485	260	184	133	100	80
75	92	119	158	215	356	215	158	119	92	75
68	81	101	128	170	266	170	128	101	81	68

59	70	84	103	134	203	134	103	84	70	59
68	81	101	129	173	264	173	129	101	81	68
74	92	119	159	209	264	209	159	119	92	74
80	100	128	167	209	264	209	167	128	100	80
80	100	128	167	209	264	209	167	128	100	80
75	92	119	158	209	264	209	158	119	92	75
68	81	101	128	170	264	170	128	101	81	68

● F max. = 584 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-65°

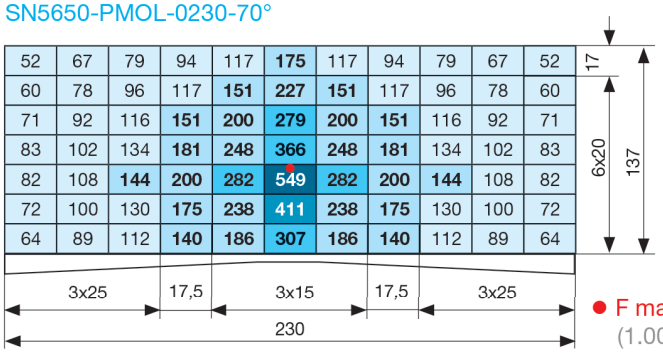


62	71	85	102	132	197	132	102	85	71	62
71	83	104	129	173	244	173	129	104	83	71
79	96	123	162	224	323	224	162	123	96	79
86	106	140	191	275	512	275	191	140	106	86
86	106	139	188	270	489	270	188	139	106	86
79	96	122	160	219	356	219	160	122	96	79
71	83	103	128	170	261	170	128	103	83	71

62	71	85	102	132	197	132	102	85	71	62
71	83	104	129	173	244	173	129	104	83	71
77	95	123	162	224	302	224	162	123	95	77
77	95	124	167	226	302	226	167	124	95	77
77	95	124	167	226	302	226	167	124	95	77
77	95	122	160	219	302	219	160	122	95	77
71	83	103	128	170	261	170	128	103	83	71

● F max. = 590 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-70°

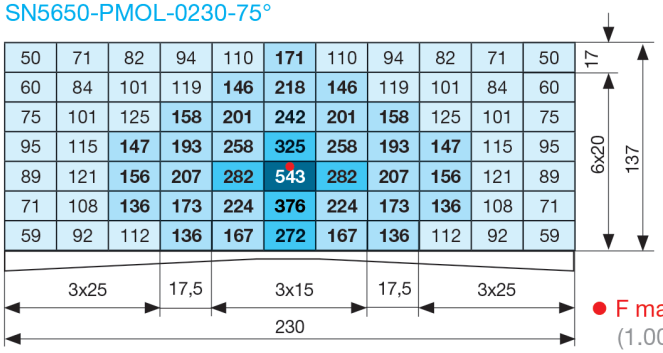


52	67	79	94	117	175	117	94	79	67	52
60	78	96	117	151	227	151	117	96	78	60
71	92	116	151	200	279	200	151	116	92	71
83	102	134	181	248	366	248	181	134	102	83
82	108	144	200	282	549	282	200	144	108	82
72	100	130	175	238	411	238	175	130	100	72
64	89	112	140	186	307	186	140	112	89	64

53	67	79	94	117	175	117	94	79	67	53
61	78	96	117	151	209	151	117	96	78	61
72	90	114	146	182	222	182	146	114	90	72
80	97	125	164	210	263	210	164	125	97	80
75	100	129	171	222	328	222	171	129	100	75
67	94	119	153	194	288	194	153	119	94	67
61	86	107	135	165	236	165	135	107	86	61

● F max. = 584 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0230-75°

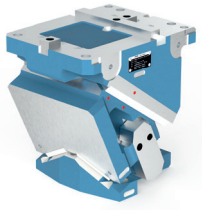


50	71	82	94	110	171	110	94	82	71	50
60	84	101	119	146	218	146	119	101	84	60
75	101	125	158	201	242	201	158	125	101	75
95	115	147	193	258	325	258	193	147	115	95
89	121	156	207	282	543	282	207	156	121	89
71	108	136	173	224	376	224	173	136	108	71
59	92	112	136	167	272	167	136	112	92	59

52	71	82	94	110	171	110	94	82	71	52
62	84	101	119	146	218	146	119	101	84	62
78	101	125	158	201	242	201	158	125	101	78
95	115	147	193	258	325	258	193	147	115	95
84	121	156	207	282	455	282	207	156	121	84
68	108	136	173	224	376	224	173	136	108	68
56	92	112	136	167	272	167	136	112	92	56

● F max. = 597 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

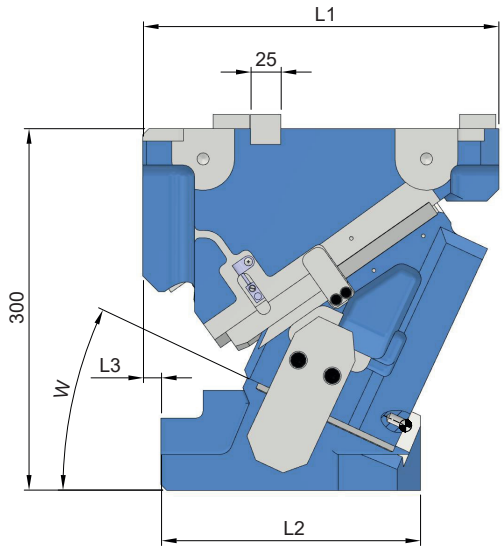


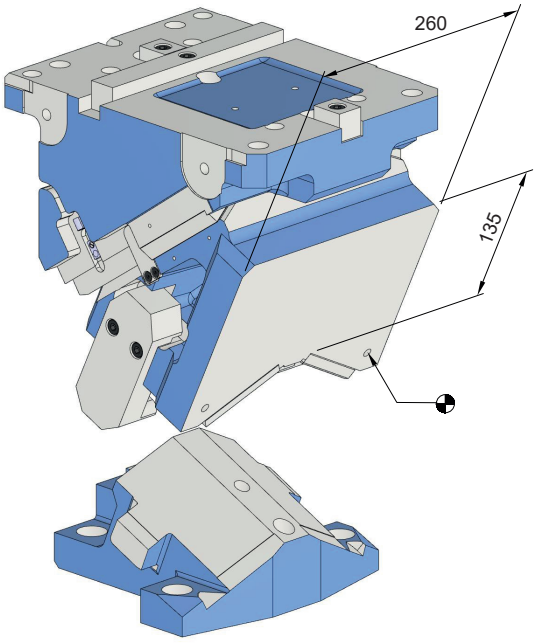
SN5650-PMOL-0260-

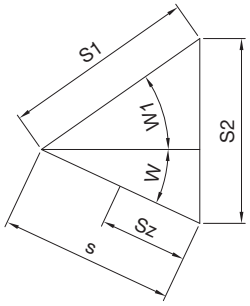
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	260 x 135 mm
Schieberbreite max.	*Cam unit width max.*	260 mm
Einbauhöhe	*Installation height*	300 mm
Schieberkraft	*Cam force*	> 751 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

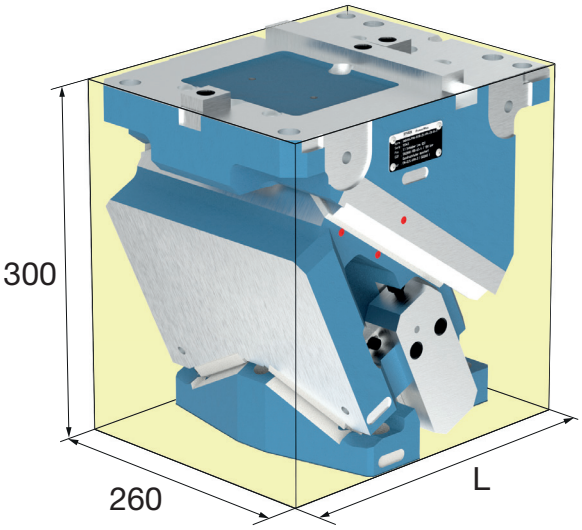
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

SN5650-PMOL-0260-

Oben hängender Schieber

Aerial cam unit



E0



E1



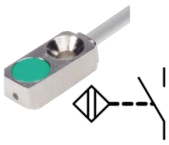
G0



S0



S1

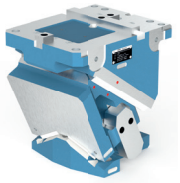


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

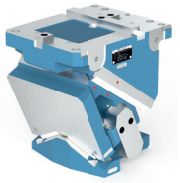
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E0-G0-S0-V04
0°	E0	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E0-G0-S1-V04
0°	E0	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E0-G1-S0-V04
0°	E0	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E0-G1-S1-V04
0°	E1	G0	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E1-G0-S0-V04
0°	E1	G0	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E1-G0-S1-V04
0°	E1	G1	S0	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E1-G1-S0-V04
0°	E1	G1	S1	275	47	35.5	52	38	16	275	245	30	SN5650-PMOL-0260-00-E1-G1-S1-V04
5°	E0	G0	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E0-G0-S0-V04
5°	E0	G0	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E0-G0-S1-V04
5°	E0	G1	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E0-G1-S0-V04
5°	E0	G1	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E0-G1-S1-V04
5°	E1	G0	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E1-G0-S0-V04
5°	E1	G0	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E1-G0-S1-V04
5°	E1	G1	S0	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E1-G1-S0-V04
5°	E1	G1	S1	277	45	36.9	52	40	21	275	245	30	SN5650-PMOL-0260-05-E1-G1-S1-V04
10°	E0	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E0-G0-S0-V04
10°	E0	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E0-G0-S1-V04
10°	E0	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E0-G1-S0-V04
10°	E0	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E0-G1-S1-V04
10°	E1	G0	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E1-G0-S0-V04
10°	E1	G0	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E1-G0-S1-V04
10°	E1	G1	S0	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E1-G1-S0-V04
10°	E1	G1	S1	282	42	39.2	52	41.6	22	280	242	15	SN5650-PMOL-0260-10-E1-G1-S1-V04
15°	E0	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E0-G0-S0-V04
15°	E0	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E0-G0-S1-V04
15°	E0	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E0-G1-S0-V04
15°	E0	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E0-G1-S1-V04
15°	E1	G0	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E1-G0-S0-V04
15°	E1	G0	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E1-G0-S1-V04
15°	E1	G1	S0	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E1-G1-S0-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	287	40	41.2	52	44.1	22	280	242	15	SN5650-PMOL-0260-15-E1-G1-S1-V04
20°	E0	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E0-G0-S0-V04
20°	E0	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E0-G0-S1-V04
20°	E0	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E0-G1-S0-V04
20°	E0	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E0-G1-S1-V04
20°	E1	G0	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E1-G0-S0-V04
20°	E1	G0	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E1-G0-S1-V04
20°	E1	G1	S0	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E1-G1-S0-V04
20°	E1	G1	S1	295	37	44.2	52	46.4	27	295	215	15	SN5650-PMOL-0260-20-E1-G1-S1-V04
25°	E0	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E0-G0-S0-V04
25°	E0	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E0-G0-S1-V04
25°	E0	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E0-G1-S0-V04
25°	E0	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E0-G1-S1-V04
25°	E1	G0	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E1-G0-S0-V04
25°	E1	G0	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E1-G0-S1-V04
25°	E1	G1	S0	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E1-G1-S0-V04
25°	E1	G1	S1	295	35	47	52	49.7	32	295	215	15	SN5650-PMOL-0260-25-E1-G1-S1-V04
30°	E0	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E0-G0-S0-V04
30°	E0	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E0-G0-S1-V04
30°	E0	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E0-G1-S0-V04
30°	E0	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E0-G1-S1-V04
30°	E1	G0	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E1-G0-S0-V04
30°	E1	G0	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E1-G0-S1-V04
30°	E1	G1	S0	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E1-G1-S0-V04
30°	E1	G1	S1	305	32	50.9	52	53	37	305	195	15	SN5650-PMOL-0260-30-E1-G1-S1-V04
35°	E0	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E0-G0-S0-V04
35°	E0	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E0-G0-S1-V04
35°	E0	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E0-G1-S0-V04
35°	E0	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E0-G1-S1-V04
35°	E1	G0	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E1-G0-S0-V04
35°	E1	G0	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E1-G0-S1-V04
35°	E1	G1	S0	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E1-G1-S0-V04
35°	E1	G1	S1	305	30	49.7	47	52	37	305	195	15	SN5650-PMOL-0260-35-E1-G1-S1-V04
40°	E0	G0	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E0-G0-S0-V04
40°	E0	G0	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E0-G0-S1-V04
40°	E0	G1	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E0-G1-S0-V04
40°	E0	G1	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E0-G1-S1-V04
40°	E1	G0	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E1-G0-S0-V04
40°	E1	G0	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E1-G0-S1-V04
40°	E1	G1	S0	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E1-G1-S0-V04
40°	E1	G1	S1	305	27	54.7	47	56.5	36.5	305	185	0	SN5650-PMOL-0260-40-E1-G1-S1-V04
45°	E0	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E0-G0-S0-V04
45°	E0	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E0-G0-S1-V04
45°	E0	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E0-G1-S0-V04
45°	E0	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E0-G1-S1-V04
45°	E1	G0	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E1-G0-S0-V04
45°	E1	G0	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E1-G0-S1-V04
45°	E1	G1	S0	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E1-G1-S0-V04
45°	E1	G1	S1	305	25	60.2	47	62.5	42	305	185	0	SN5650-PMOL-0260-45-E1-G1-S1-V04
50°	E0	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E0-G0-S0-V04
50°	E0	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E0-G0-S1-V04
50°	E0	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E0-G1-S0-V04
50°	E0	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E0-G1-S1-V04
50°	E1	G0	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E1-G0-S0-V04
50°	E1	G0	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E1-G0-S1-V04

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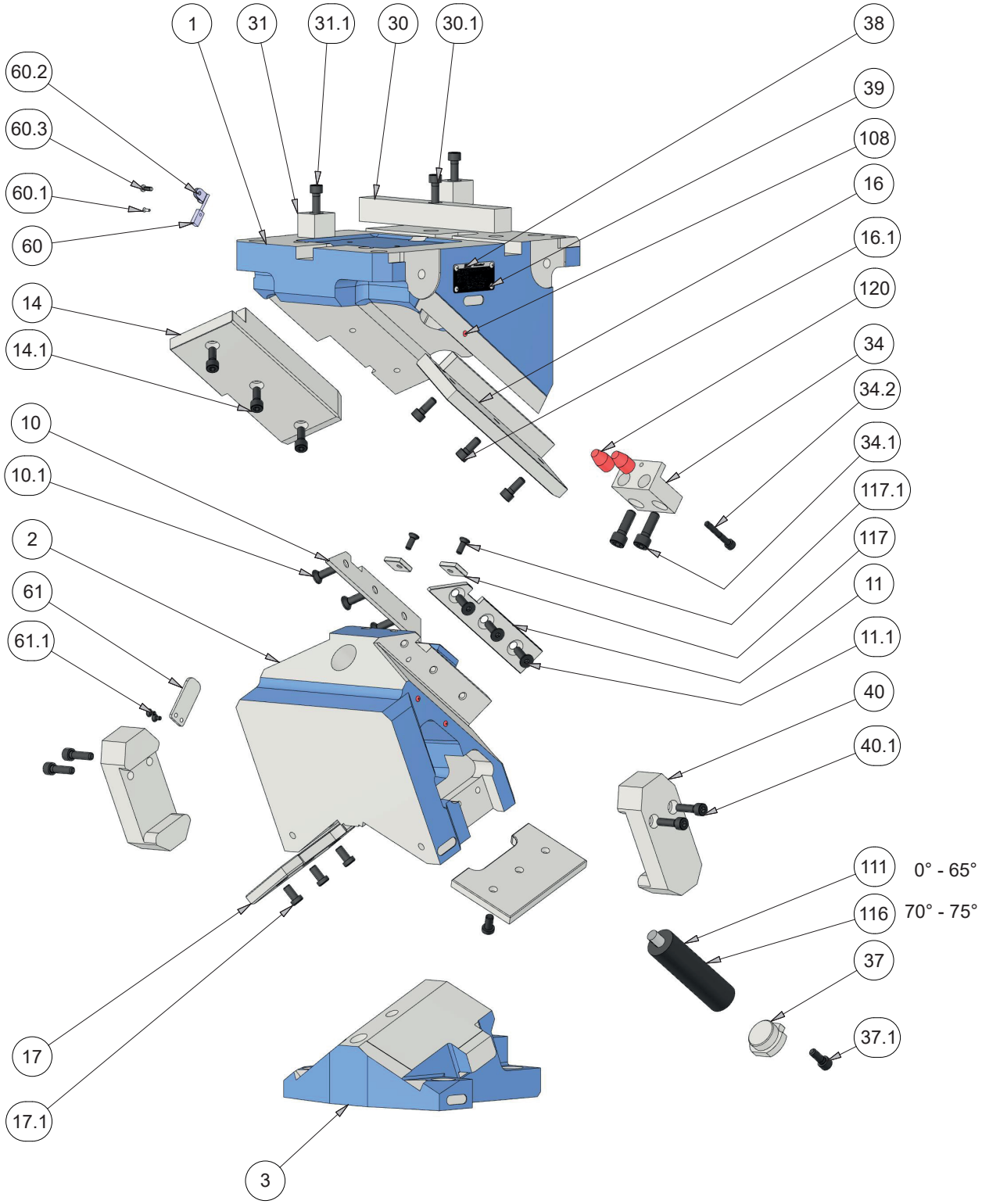


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E1-G1-S0-V04
50°	E1	G1	S1	320	22	67.8	47	69.5	47	310	175	10	SN5650-PMOL-0260-50-E1-G1-S1-V04
55°	E0	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E0-G0-S0-V04
55°	E0	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E0-G0-S1-V04
55°	E0	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E0-G1-S0-V04
55°	E0	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E0-G1-S1-V04
55°	E1	G0	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E1-G0-S0-V04
55°	E1	G0	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E1-G0-S1-V04
55°	E1	G1	S0	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E1-G1-S0-V04
55°	E1	G1	S1	320	20	68.8	42	70.7	47	310	175	10	SN5650-PMOL-0260-55-E1-G1-S1-V04
60°	E0	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E0-G0-S0-V04
60°	E0	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E0-G0-S1-V04
60°	E0	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E0-G1-S0-V04
60°	E0	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E0-G1-S1-V04
60°	E1	G0	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E1-G0-S0-V04
60°	E1	G0	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E1-G0-S1-V04
60°	E1	G1	S0	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E1-G1-S0-V04
60°	E1	G1	S1	325	17	70.8	37	72.1	27	315	160	10	SN5650-PMOL-0260-60-E1-G1-S1-V04
65°	E0	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E0-G0-S0-V04
65°	E0	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E0-G0-S1-V04
65°	E0	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E0-G1-S0-V04
65°	E0	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E0-G1-S1-V04
65°	E1	G0	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E1-G0-S0-V04
65°	E1	G0	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E1-G0-S1-V04
65°	E1	G1	S0	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E1-G1-S0-V04
65°	E1	G1	S1	325	15	73.1	32	74.6	27	315	160	10	SN5650-PMOL-0260-65-E1-G1-S1-V04
70°	E0	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E0-G0-S0-V04
70°	E0	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E0-G0-S1-V04
70°	E0	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E0-G1-S0-V04
70°	E0	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E0-G1-S1-V04
70°	E1	G0	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E1-G0-S0-V04
70°	E1	G0	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E1-G0-S1-V04
70°	E1	G1	S0	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E1-G1-S0-V04
70°	E1	G1	S1	340	12	77.2	27	78.2	47	330	145	10	SN5650-PMOL-0260-70-E1-G1-S1-V04
75°	E0	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E0-G0-S0-V04
75°	E0	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E0-G0-S1-V04
75°	E0	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E0-G1-S0-V04
75°	E0	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E0-G1-S1-V04
75°	E1	G0	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E1-G0-S0-V04
75°	E1	G0	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E1-G0-S1-V04
75°	E1	G1	S0	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E1-G1-S0-V04
75°	E1	G1	S1	340	10	83.7	22	84.7	47	330	145	10	SN5650-PMOL-0260-75-E1-G1-S1-V04

SN5650-PMOL-0260-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

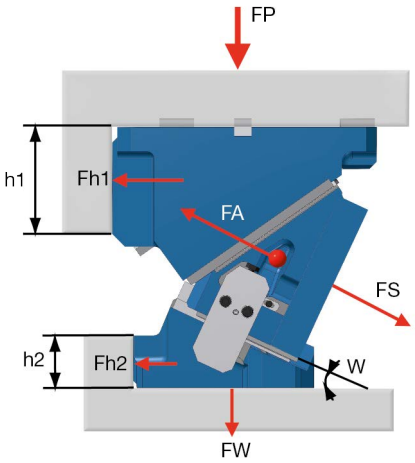
D 1801D 06.2022

SN5650-PMOL-0260-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	751	703	751	703	0	147	30	33
05°	781	735	719	664	55	140	50	39
10°	810	766	687	626	110	132	70	44
15°	830	789	648	573	150	125	65	43
20°	849	811	608	520	189	117	60	42
25°	879	842	576	470	216	117	60	41
30°	908	874	544	420	242	117	60	39
35°	927	895	505	364	251	110	65	45
40°	946	917	465	309	259	102	70	51
45°	962	936	425	257	252	94	75	53
50°	978	954	384	205	245	85	80	55
55°	990	969	342	161	223	81	90	55
60°	1002	984	300	116	201	77	100	54
65°	1011	996	256	83	169	70	113	53
70°	1019	1007	213	49	136	62	125	52
75°	1025	1014	177	24	88	62	125	53



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	563	528	563	528	0	147	30	33
05°	585	552	539	499	41	140	50	39
10°	608	575	515	470	83	132	70	44
15°	622	592	486	430	113	125	65	43
20°	637	609	456	391	142	117	60	42
25°	659	632	432	353	162	117	60	41
30°	681	656	408	315	182	117	60	39
35°	695	672	378	274	188	110	65	45
40°	710	688	349	232	195	102	70	51
45°	722	702	318	193	189	94	75	53
50°	734	716	288	154	184	85	80	55
55°	743	727	256	121	168	81	90	55
60°	752	738	224	87	151	77	100	54
65°	758	747	192	62	127	70	113	53
70°	764	755	159	37	102	62	125	52
75°	769	760	133	18	66	62	125	53

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-0°

75	91	112	138	**195**	**316**	**195**	138	112	91	75	15
79	97	121	152	**217**	**365**	**217**	152	121	97	79	6x20
83	103	131	**169**	**238**	**431**	**238**	**169**	131	103	83	
87	109	141	**185**	**258**	**519**	**258**	**185**	141	109	87	
90	115	150	**202**	**279**	**652**	**279**	**202**	150	115	90	
91	116	151	**203**	**280**	**657**	**280**	**203**	151	116	91	
87	110	142	**186**	**259**	**522**	**259**	**186**	142	110	87	

135

3x28 | 19 | 3x18 | 19 | 3x28

260

58	**67**	**67**	**79**	**94**	**109**	**94**	**79**	**67**	**67**	**58**
58	**67**	**79**	**93**	**109**	**130**	**109**	**93**	**79**	**67**	**58**
58	**67**	**79**	**93**	**109**	**130**	**109**	**93**	**79**	**67**	**58**
58	**67**	**79**	**93**	**109**	**130**	**109**	**93**	**79**	**67**	**58**
58	**67**	**79**	**93**	**109**	**130**	**109**	**93**	**79**	**67**	**58**
58	**67**	**79**	**93**	**109**	**130**	**109**	**93**	**79**	**67**	**58**
58	**67**	**79**	**93**	**109**	**130**	**109**	**93**	**79**	**67**	**58**

● F max. = 751 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-5°

75	93	113	139	**193**	**313**	**193**	139	113	93	75	15
79	99	123	153	**216**	**363**	**216**	153	123	99	79	6x20
84	106	133	**171**	**242**	**432**	**242**	**171**	133	106	84	
88	112	144	**189**	**268**	**521**	**268**	**189**	144	112	88	
91	118	154	**207**	**294**	**655**	**294**	**207**	154	118	91	
93	121	157	**212**	**301**	**701**	**301**	**212**	157	121	93	
89	114	148	**194**	**276**	**549**	**276**	**194**	148	114	89	

135

3x28 | 19 | 3x18 | 19 | 3x28

260

60	**71**	**71**	**84**	**101**	**118**	**101**	**84**	**71**	**71**	**60**
60	**71**	**84**	**100**	**118**	**142**	**118**	**100**	**84**	**71**	**60**
60	**70**	**84**	**100**	**117**	**142**	**117**	**100**	**84**	**70**	**60**
60	**70**	**84**	**100**	**117**	**142**	**117**	**100**	**84**	**70**	**60**
60	**70**	**84**	**100**	**117**	**142**	**117**	**100**	**84**	**70**	**60**
60	**70**	**84**	**100**	**117**	**142**	**117**	**100**	**84**	**70**	**60**
60	**70**	**84**	**100**	**117**	**142**	**117**	**100**	**84**	**70**	**60**

● F max. = 781 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-10°

75	94	114	139	**191**	**309**	**191**	139	114	94	75	15
79	100	124	154	**215**	**361**	**215**	154	124	100	79	6x20
84	108	135	173	**246**	**433**	**246**	173	135	108	84	
88	115	147	**192**	**277**	**522**	**277**	**192**	147	115	88	
92	121	158	**211**	**308**	**658**	**308**	**211**	158	121	92	
94	125	163	**221**	**321**	**744**	**321**	**221**	163	125	94	
90	118	153	**202**	**293**	**576**	**293**	**202**	153	118	90	

135

3x28 | 19 | 3x18 | 19 | 3x28

260

61	**74**	**74**	**89**	**107**	**126**	**107**	**89**	**74**	**74**	**61**
61	**74**	**89**	**106**	**126**	**153**	**126**	**106**	**89**	**74**	**61**
61	**73**	**88**	**106**	**125**	**153**	**125**	**106**	**88**	**73**	**61**
61	**73**	**88**	**106**	**125**	**153**	**125**	**106**	**88**	**73**	**61**
61	**73**	**88**	**106**	**125**	**153**	**125**	**106**	**88**	**73**	**61**
61	**73**	**88**	**106**	**125**	**153**	**125**	**106**	**88**	**73**	**61**
61	**73**	**88**	**106**	**125**	**153**	**125**	**106**	**88**	**73**	**61**

● F max. = 810 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-15°

74	92	112	136	**182**	**304**	**182**	136	112	92	74	15
78	98	122	152	**207**	**361**	**207**	152	122	98	78	6x20
84	107	134	173	**242**	**444**	**242**	173	134	107	84	
88	114	147	**194**	**276**	**548**	**276**	**194**	147	114	88	
92	120	158	**214**	**309**	**716**	**309**	**214**	158	120	92	
93	121	159	**215**	**311**	**710**	**311**	**215**	159	121	93	
89	114	148	**195**	**277**	**547**	**277**	**195**	148	114	89	

135

3x28 | 19 | 3x18 | 19 | 3x28

260

63	**76**	**76**	**92**	**112**	**134**	**112**	**92**	**76**	**76**	**63**
63	**75**	**92**	**111**	**134**	**168**	**134**	**111**	**92**	**75**	**63**
63	**75**	**91**	**111**	**133**	**168**	**133**	**111**	**91**	**75**	**63**
63	**75**	**91**	**111**	**133**	**168**	**133**	**111**	**91**	**75**	**63**
63	**75**	**91**	**111**	**133**	**168**	**133**	**111**	**91**	**75**	**63**
63	**75**	**91**	**111**	**133**	**168**	**133**	**111**	**91**	**75**	**63**
63	**75**	**91**	**111**	**133**	**168**	**133**	**111**	**91**	**75**	**63**

● F max. = 830 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-20°

73	89	109	133	172	**299**	172	133	109	89	73	15	
77	96	119	150	**199**	**361**	**199**	150	119	96	77	6x20	135
83	105	133	172	**237**	**454**	**237**	172	133	105	83		
88	112	146	**195**	**275**	**573**	**275**	**195**	146	112	88		
92	119	158	**217**	**310**	**774**	**310**	**217**	158	119	92		
91	117	154	**208**	**300**	**676**	**300**	**208**	154	117	91		
87	110	142	187	**260**	**518**	**260**	187	142	110	87		

3x28 | 19 | 3x18 | 19 | 3x28

260

64	**77**	**77**	**94**	**116**	**142**	**116**	**94**	**77**	**77**	**64**
64	**76**	**94**	**116**	**142**	**182**	**142**	**116**	**94**	**76**	**64**
64	**76**	**93**	**115**	**141**	**182**	**141**	**115**	**93**	**76**	**64**
64	**76**	**93**	**115**	**141**	**182**	**141**	**115**	**93**	**76**	**64**
64	**76**	**93**	**115**	**141**	**182**	**141**	**115**	**93**	**76**	**64**
64	**76**	**93**	**115**	**141**	**182**	**141**	**115**	**93**	**76**	**64**
64	**76**	**93**	**115**	**141**	**182**	**141**	**115**	**93**	**76**	**64**

● F max. = 849 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-25°

75	91	112	136	173	**302**	173	136	112	91	75	15	
80	99	123	154	201	**367**	201	154	123	99	80	6x20	135
86	109	138	178	**241**	**464**	**241**	178	138	109	86		
91	117	152	**202**	**282**	**588**	**282**	**202**	152	117	91		
96	125	165	**226**	**323**	**802**	**323**	**226**	165	125	96		
94	122	159	**215**	**305**	**683**	**305**	**215**	159	122	94		
90	114	146	192	**263**	**522**	**263**	192	146	114	90		

3x28 | 19 | 3x18 | 19 | 3x28

260

68	**82**	**82**	**101**	**126**	**155**	**126**	**101**	**82**	**82**	**68**
68	**81**	**101**	**125**	**155**	**200**	**155**	**125**	**101**	**81**	**68**
68	**81**	**100**	**125**	**154**	**200**	**154**	**125**	**100**	**81**	**68**
68	**81**	**100**	**125**	**154**	**200**	**154**	**125**	**100**	**81**	**68**
68	**81**	**100**	**125**	**154**	**200**	**154**	**125**	**100**	**81**	**68**
68	**81**	**100**	**125**	**154**	**200**	**154**	**125**	**100**	**81**	**68**
68	**81**	**100**	**125**	**154**	**200**	**154**	**125**	**100**	**81**	**68**

● F max. = 879 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-30°

76	93	114	139	174	**304**	174	139	114	93	76	15	
82	102	127	158	202	**372**	202	158	127	102	82	6x20	135
88	112	142	183	**244**	**473**	**244**	183	142	112	88		
94	121	157	**209**	**288**	**603**	**288**	**209**	157	121	94		
99	130	171	**234**	**336**	**830**	**336**	**234**	171	130	99		
97	126	164	**221**	**310**	**690**	**310**	**221**	164	126	97		
92	117	150	196	**265**	**526**	**265**	196	150	117	92		

3x28 | 19 | 3x18 | 19 | 3x28

260

71	**86**	**86**	**108**	**135**	**167**	**135**	**108**	**86**	**86**	**71**
71	**86**	**108**	**134**	**167**	**218**	**167**	**134**	**108**	**86**	**71**
71	**86**	**107**	**134**	**166**	**218**	**166**	**134**	**107**	**86**	**71**
71	**86**	**107**	**134**	**166**	**218**	**166**	**134**	**107**	**86**	**71**
71	**86**	**107**	**134**	**166**	**218**	**166**	**134**	**107**	**86**	**71**
71	**86**	**107**	**134**	**166**	**218**	**166**	**134**	**107**	**86**	**71**
71	**86**	**107**	**134**	**166**	**218**	**166**	**134**	**107**	**86**	**71**

● F max. = 908 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-35°

80	96	119	145	179	**315**	179	145	119	96	80	15	
86	106	133	166	209	**388**	209	166	133	106	86	6x20	135
93	117	150	193	**254**	**496**	**254**	193	150	117	93		
99	126	166	**221**	**301**	**640**	**301**	**221**	166	126	99		
104	135	181	**247**	**350**	**874**	**350**	**247**	181	135	104		
101	128	169	**225**	**309**	**670**	**309**	**225**	169	128	101		
95	119	153	198	**262**	**514**	**262**	198	153	119	95		

3x28 | 19 | 3x18 | 19 | 3x28

260

76	**93**	**93**	**116**	**143**	**175**	**143**	**116**	**93**	**93**	**76**
76	**93**	**118**	**147**	**184**	**242**	**184**	**147**	**118**	**93**	**76**
76	**93**	**117**	**147**	**183**	**242**	**183**	**147**	**117**	**93**	**76**
76	**93**	**117**	**147**	**183**	**242**	**183**	**147**	**117**	**93**	**76**
76	**93**	**117**	**147**	**183**	**242**	**183**	**147**	**117**	**93**	**76**
76	**93**	**117**	**147**	**183**	**242**	**183**	**147**	**117**	**93**	**76**
76	**93**	**117**	**147**	**183**	**242**	**183**	**147**	**117**	**93**	**76**

● F max. = 927 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-40°

83	99	124	150	183	**325**	183	150	124	99	83	15
90	109	139	173	216	**404**	216	173	139	109	90	
97	121	158	203	**263**	**518**	**263**	203	158	121	97	
104	131	175	**232**	**314**	**677**	**314**	**232**	175	131	104	6x20
109	139	190	**259**	**363**	**918**	**363**	**259**	190	139	109	
104	130	173	229	**308**	**649**	**308**	229	173	130	104	
97	120	156	200	**258**	**502**	**258**	200	156	120	97	135

3x28 | 19 | 3x18 | 19 | 3x28

260

81	**99**	**99**	**124**	**150**	**183**	**150**	**124**	**99**	**99**	**81**
81	**99**	**127**	**160**	**201**	**266**	**201**	**160**	**127**	**99**	**81**
81	**99**	**126**	**159**	**200**	**266**	**200**	**159**	**126**	**99**	**81**
81	**99**	**126**	**159**	**200**	**266**	**200**	**159**	**126**	**99**	**81**
81	**99**	**126**	**159**	**200**	**266**	**200**	**159**	**126**	**99**	**81**
81	**99**	**126**	**159**	**200**	**266**	**200**	**159**	**126**	**99**	**81**
81	**99**	**126**	**159**	**200**	**266**	**200**	**159**	**126**	**99**	**81**

● F max. = 946 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-45°

86	102	126	153	184	**324**	184	153	126	102	86	15
93	112	142	178	219	**407**	219	178	142	112	93	
101	125	163	210	**270**	**525**	**270**	210	163	125	101	
108	136	181	**242**	**324**	**689**	**324**	**242**	181	136	108	6x20
114	144	197	**270**	**374**	**927**	**374**	**270**	197	144	114	
108	135	179	**237**	**316**	**654**	**316**	**237**	179	135	108	
101	124	160	206	**262**	**504**	**262**	206	160	124	101	135

3x28 | 19 | 3x18 | 19 | 3x28

260

85	**102**	**102**	**126**	**153**	**184**	**153**	**126**	**102**	**102**	85
89	**107**	**136**	**172**	**212**	**300**	**212**	**172**	**136**	**107**	89
89	**109**	**139**	**178**	**224**	**300**	**224**	**178**	**139**	**109**	89
89	**109**	**139**	**178**	**224**	**300**	**224**	**178**	**139**	**109**	89
89	**109**	**139**	**178**	**224**	**300**	**224**	**178**	**139**	**109**	89
89	**109**	**139**	**178**	**224**	**300**	**224**	**178**	**139**	**109**	89
89	**109**	**139**	**178**	**224**	**300**	**224**	**178**	**139**	**109**	89

● F max. = 962 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-50°

88	104	127	156	184	**323**	184	156	127	104	88	15
96	115	145	183	222	**409**	222	183	145	115	96	
105	129	167	217	**276**	**532**	**276**	217	167	129	105	
112	140	187	**251**	**333**	**700**	**333**	**251**	187	140	112	6x20
118	149	203	**280**	**385**	**935**	**385**	**280**	203	149	118	
112	139	184	**245**	**323**	**658**	**323**	**245**	184	139	112	
104	128	164	212	**266**	**506**	**266**	212	164	128	104	135

3x28 | 19 | 3x18 | 19 | 3x28

260

88	**104**	**104**	**127**	**156**	**184**	**156**	**127**	**104**	**104**	88
96	**115**	**145**	**183**	**222**	**334**	**222**	**183**	**145**	**115**	96
96	**118**	**152**	**197**	**248**	**334**	**248**	**197**	**152**	**118**	96
96	**118**	**152**	**197**	**248**	**334**	**248**	**197**	**152**	**118**	96
96	**118**	**152**	**197**	**248**	**334**	**248**	**197**	**152**	**118**	96
96	**118**	**152**	**197**	**248**	**334**	**248**	**197**	**152**	**118**	96
96	**118**	**152**	**197**	**248**	**334**	**248**	**197**	**152**	**118**	96

● F max. = 962 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-55°

91	107	129	157	185	**321**	185	157	129	107	91	15
100	119	148	186	225	**409**	225	186	148	119	100	
110	134	172	224	**284**	**537**	**284**	224	172	134	110	
118	147	194	**260**	**344**	**709**	**344**	**260**	194	147	118	6x20
124	156	210	**291**	**398**	**941**	**398**	**291**	210	156	124	
117	145	190	**253**	**332**	**661**	**332**	**253**	190	145	117	
106	133	169	217	**271**	**507**	**271**	217	169	133	106	135

3x28 | 19 | 3x18 | 19 | 3x28

260

91	107	107	**129**	**157**	**185**	**157**	**129**	107	107	91
100	**119**	**148**	**186**	**225**	**371**	**225**	**186**	**148**	**119**	100
106	**129**	**165**	**214**	**270**	**387**	**270**	**214**	**165**	**129**	106
110	**134**	**173**	**226**	**287**	**387**	**287**	**226**	**173**	**134**	110
110	**134**	**173**	**226**	**287**	**387**	**287**	**226**	**173**	**134**	110
106	**134**	**173**	**226**	**287**	**387**	**287**	**226**	**173**	**134**	106
94	**128**	**163**	**210**	**262**	**387**	**262**	**210**	**163**	**128**	94

● F max. = 990 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

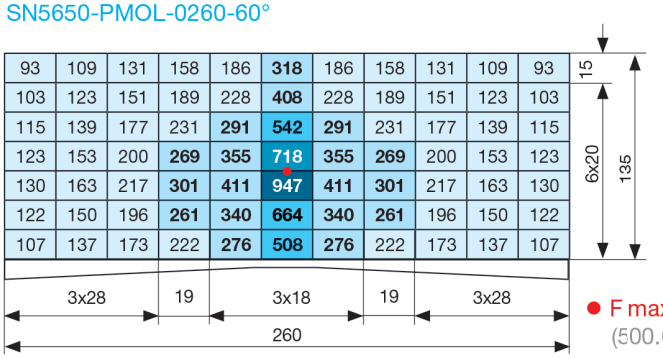
SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-60°

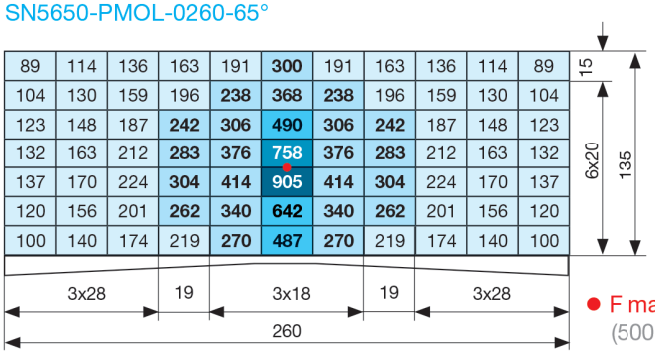


93	109	131	158	186	**318**	186	158	131	109	93
103	123	151	189	228	**408**	228	189	151	123	103
115	139	177	231	**291**	**542**	**291**	231	177	139	115
123	153	200	**269**	**355**	**718**	**355**	**269**	200	153	123
130	163	217	**301**	**411**	**947**	**411**	**301**	217	163	130
122	150	196	**261**	**340**	**664**	**340**	**261**	196	150	122
107	137	173	222	**276**	**508**	**276**	222	173	137	107

93	109	109	131	**158**	**186**	**158**	131	109	109	93
103	123	**151**	**189**	**228**	**408**	**228**	**189**	**151**	123	103
115	**139**	**177**	**231**	**291**	**439**	**291**	**231**	**177**	**139**	115
123	**150**	**193**	**255**	**326**	**439**	**326**	**255**	**193**	**150**	123
123	**150**	**193**	**255**	**326**	**439**	**326**	**255**	**193**	**150**	123
116	**150**	**193**	**255**	**326**	**439**	**326**	**255**	**193**	**150**	116
92	**137**	**173**	**222**	**276**	**439**	**276**	**222**	**173**	**137**	92

● F max. = 1002 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-65°

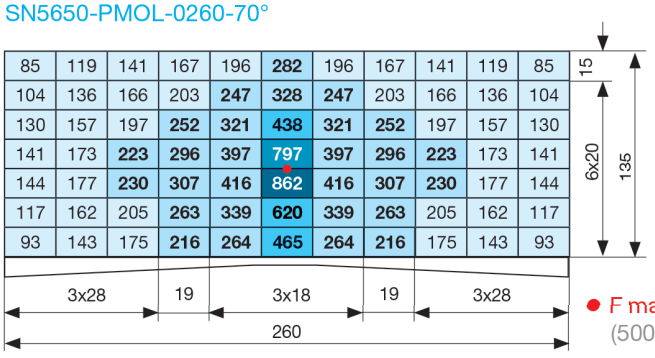


89	114	136	163	191	**300**	191	163	136	114	89
104	130	159	196	**238**	**368**	**238**	196	159	130	104
123	148	187	**242**	**306**	**490**	**306**	**242**	187	148	123
132	163	212	**283**	**376**	**758**	**376**	**283**	212	163	132
137	170	224	**304**	**414**	**905**	**414**	**304**	224	170	137
120	156	201	**262**	**340**	**642**	**340**	**262**	201	156	120
100	140	174	219	**270**	**487**	**270**	219	174	140	100

92	114	114	136	**163**	**191**	**163**	136	114	114	92
108	130	159	**196**	**238**	**368**	**238**	**196**	159	130	108
123	148	**187**	**242**	**306**	**439**	**306**	**242**	**187**	148	123
132	**162**	**208**	**276**	**362**	**534**	**362**	**276**	**208**	**162**	132
131	**164**	**212**	**281**	**371**	**534**	**371**	**281**	**212**	**164**	131
112	156	**199**	**259**	**333**	**530**	**333**	**259**	**199**	156	112
90	140	**174**	**219**	**270**	**452**	**270**	**219**	**174**	140	90

● F max. = 1011 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-70°

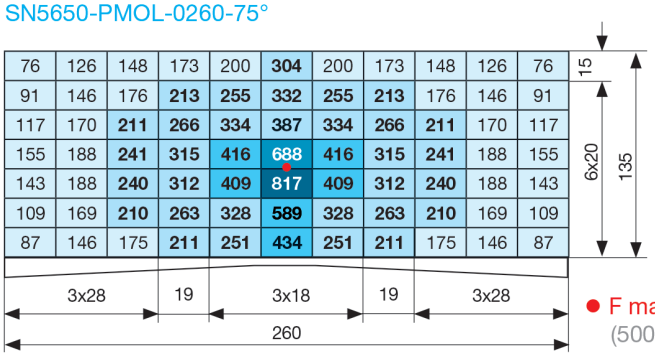


85	119	141	167	196	**282**	196	167	141	119	85
104	136	166	203	**247**	**328**	**247**	203	166	136	104
130	157	197	**252**	**321**	**438**	**321**	**252**	197	157	130
141	173	**223**	**296**	**397**	**797**	**397**	**296**	**223**	173	141
144	177	**230**	**307**	**416**	**862**	**416**	**307**	**230**	177	144
117	162	205	**263**	**339**	**620**	**339**	**263**	205	162	117
93	143	175	**216**	**264**	**465**	**264**	**216**	175	143	93

91	119	119	141	167	**196**	167	141	119	119	91
113	136	166	**203**	**247**	**328**	**247**	**203**	166	136	113
130	157	**197**	**252**	**321**	**438**	**321**	**252**	**197**	157	130
141	173	**223**	**296**	**397**	**628**	**397**	**296**	**223**	173	141
138	177	**230**	**307**	**416**	**628**	**416**	**307**	**230**	177	138
107	162	**205**	**263**	**339**	**620**	**339**	**263**	**205**	162	107
87	143	175	**216**	**264**	**465**	**264**	**216**	175	143	87

● F max. = 1019 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0260-75°



76	126	148	173	200	**304**	200	173	148	126	76
91	146	176	**213**	**255**	**332**	**255**	**213**	176	146	91
117	170	**211**	**266**	**334**	**387**	**334**	**266**	**211**	170	117
155	188	**241**	**315**	**416**	**688**	**416**	**315**	**241**	188	155
143	188	**240**	**312**	**409**	**817**	**409**	**312**	**240**	188	143
109	169	**210**	**263**	**328**	**589**	**328**	**263**	**210**	169	109
87	146	175	**211**	**251**	**434**	**251**	**211**	175	146	87

80	126	126	148	173	200	173	148	126	126	80
97	146	176	213	**255**	**332**	**255**	213	176	146	97
127	170	211	**266**	**334**	**387**	**334**	**266**	211	170	127
155	188	**241**	**315**	**416**	**688**	**416**	**315**	**241**	188	155
131	188	**240**	**312**	**409**	**756**	**409**	**312**	**240**	188	131
102	169	210	**263**	**328**	**589**	**328**	**263**	210	169	102
83	146	175	211	**251**	**434**	**251**	211	175	146	83

● F max. = 1025 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

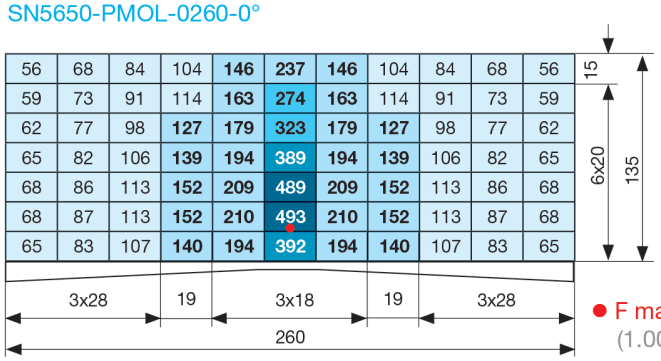
SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-0°

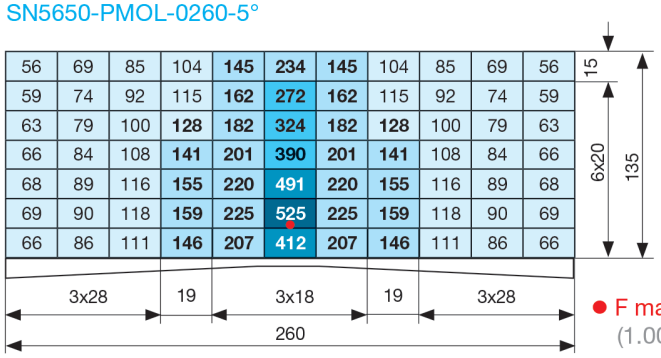


56	68	84	104	**146**	**237**	**146**	104	84	68	56
59	73	91	114	**163**	**274**	**163**	114	91	73	59
62	77	98	**127**	**179**	**323**	**179**	**127**	98	77	62
65	82	106	**139**	**194**	**389**	**194**	**139**	106	82	65
68	86	113	**152**	**209**	**489**	**209**	**152**	113	86	68
68	87	113	**152**	**210**	**493**	**210**	**152**	113	87	68
65	83	107	**140**	**194**	**392**	**194**	**140**	107	83	65

44	**50**	**50**	**59**	**71**	**82**	**71**	**59**	**50**	**50**	**44**
44	**50**	**59**	**70**	**82**	**98**	**82**	**70**	**59**	**50**	**44**
44	**50**	**59**	**70**	**82**	**98**	**82**	**70**	**59**	**50**	**44**
44	**50**	**59**	**70**	**82**	**98**	**82**	**70**	**59**	**50**	**44**
44	**50**	**59**	**70**	**82**	**98**	**82**	**70**	**59**	**50**	**44**
44	**50**	**59**	**70**	**82**	**98**	**82**	**70**	**59**	**50**	**44**
44	**50**	**59**	**70**	**82**	**98**	**82**	**70**	**59**	**50**	**44**

● F max. = 563 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-5°

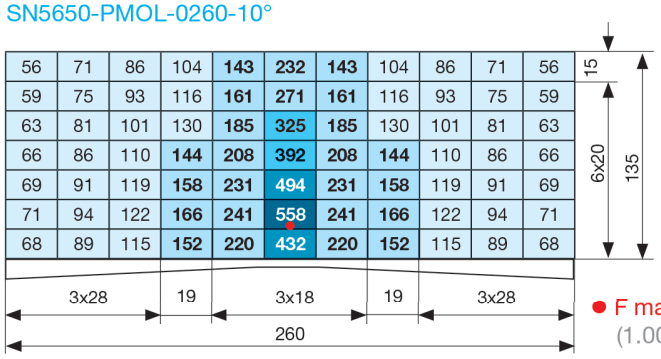


56	69	85	104	**145**	**234**	**145**	104	85	69	56
59	74	92	115	**162**	**272**	**162**	115	92	74	59
63	79	100	**128**	**182**	**324**	**182**	**128**	100	79	63
66	84	108	**141**	**201**	**390**	**201**	**141**	108	84	66
68	89	116	**155**	**220**	**491**	**220**	**155**	116	89	68
69	90	118	**159**	**225**	**525**	**225**	**159**	118	90	69
66	86	111	**146**	**207**	**412**	**207**	**146**	111	86	66

45	**53**	**53**	**63**	**75**	**88**	**75**	**63**	**53**	**53**	**45**
45	**53**	**63**	**75**	**88**	**106**	**88**	**75**	**63**	**53**	**45**
45	**53**	**63**	**75**	**88**	**106**	**88**	**75**	**63**	**53**	**45**
45	**53**	**63**	**75**	**88**	**106**	**88**	**75**	**63**	**53**	**45**
45	**53**	**63**	**75**	**88**	**106**	**88**	**75**	**63**	**53**	**45**
45	**53**	**63**	**75**	**88**	**106**	**88**	**75**	**63**	**53**	**45**
45	**53**	**63**	**75**	**88**	**106**	**88**	**75**	**63**	**53**	**45**

● F max. = 585 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-10°

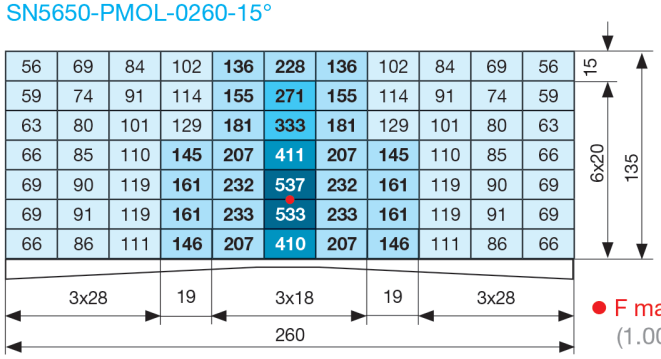


56	71	86	104	**143**	**232**	**143**	104	86	71	56
59	75	93	116	**161**	**271**	**161**	116	93	75	59
63	81	101	130	**185**	**325**	**185**	130	101	81	63
66	86	110	**144**	**208**	**392**	**208**	**144**	110	86	66
69	91	119	**158**	**231**	**494**	**231**	**158**	119	91	69
71	94	122	**166**	**241**	**558**	**241**	**166**	122	94	71
68	89	115	**152**	**220**	**432**	**220**	**152**	115	89	68

46	**56**	**56**	**67**	**80**	**95**	**80**	**67**	**56**	**56**	**46**
46	**56**	**67**	**80**	**95**	**115**	**95**	**80**	**67**	**56**	**46**
46	**55**	**66**	**80**	**94**	**115**	**94**	**80**	**66**	**55**	**46**
46	**55**	**66**	**80**	**94**	**115**	**94**	**80**	**66**	**55**	**46**
46	**55**	**66**	**80**	**94**	**115**	**94**	**80**	**66**	**55**	**46**
46	**55**	**66**	**80**	**94**	**115**	**94**	**80**	**66**	**55**	**46**
46	**55**	**66**	**80**	**94**	**115**	**94**	**80**	**66**	**55**	**46**

● F max. = 608 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-15°



56	69	84	102	**136**	**228**	**136**	102	84	69	56
59	74	91	114	**155**	**271**	**155**	114	91	74	59
63	80	101	129	**181**	**333**	**181**	129	101	80	63
66	85	110	**145**	**207**	**411**	**207**	**145**	110	85	66
69	90	119	**161**	**232**	**537**	**232**	**161**	119	90	69
69	91	119	**161**	**233**	**533**	**233**	**161**	119	91	69
66	86	111	**146**	**207**	**410**	**207**	**146**	111	86	66

47	**57**	**57**	**69**	**84**	**101**	**84**	**69**	**57**	**57**	**47**
47	**56**	**69**	**83**	**101**	**126**	**101**	**83**	**69**	**56**	**47**
47	**56**	**68**	**83**	**100**	**126**	**100**	**83**	**68**	**56**	**47**
47	**56**	**68**	**83**	**100**	**126**	**100**	**83**	**68**	**56**	**47**
47	**56**	**68**	**83**	**100**	**126**	**100**	**83**	**68**	**56**	**47**
47	**56**	**68**	**83**	**100**	**126**	**100**	**83**	**68**	**56**	**47**
47	**56**	**68**	**83**	**100**	**126**	**100**	**83**	**68**	**56**	**47**

● F max. = 622 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-20°

55	67	82	100	129	**224**	129	100	82	67	55	15
58	72	89	113	**149**	**271**	**149**	113	89	72	58	
62	79	100	129	**178**	**341**	**178**	129	100	79	62	
66	84	110	**146**	**206**	**430**	**206**	**146**	110	84	66	
69	89	119	**163**	**233**	**581**	**233**	**163**	119	89	69	6x20
68	88	116	**156**	**225**	**507**	**225**	**156**	116	88	68	
65	83	107	140	**195**	**389**	**195**	140	107	83	65	135

3x28 | 19 | 3x18 | 19 | 3x28

260

48	**58**	**58**	**71**	**87**	**107**	**87**	**71**	**58**	**58**	**48**
48	**57**	**71**	**87**	**107**	**137**	**107**	**87**	**71**	**57**	**48**
48	**57**	**70**	**86**	**106**	**137**	**106**	**86**	**70**	**57**	**48**
48	**57**	**70**	**86**	**106**	**137**	**106**	**86**	**70**	**57**	**48**
48	**57**	**70**	**86**	**106**	**137**	**106**	**86**	**70**	**57**	**48**
48	**57**	**70**	**86**	**106**	**137**	**106**	**86**	**70**	**57**	**48**
48	**57**	**70**	**86**	**106**	**137**	**106**	**86**	**70**	**57**	**48**

● F max. = 637 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-25°

56	68	84	102	130	**226**	130	102	84	68	56	15
60	74	92	116	**150**	**275**	**150**	116	92	74	60	
64	81	103	133	**180**	**348**	**180**	133	103	81	64	
68	87	114	**152**	**211**	**441**	**211**	**152**	114	87	68	
72	93	123	**169**	**242**	**602**	**242**	**169**	123	93	72	6x20
71	91	119	**161**	**229**	**512**	**229**	**161**	119	91	71	
67	85	110	144	**197**	**392**	**197**	144	110	85	67	135

3x28 | 19 | 3x18 | 19 | 3x28

260

51	**61**	**61**	**76**	**94**	**116**	**94**	**76**	**61**	**61**	**51**
51	**61**	**76**	**94**	**116**	**150**	**116**	**94**	**76**	**61**	**51**
51	**61**	**75**	**93**	**115**	**150**	**115**	**93**	**75**	**61**	**51**
51	**61**	**75**	**93**	**115**	**150**	**115**	**93**	**75**	**61**	**51**
51	**61**	**75**	**93**	**115**	**150**	**115**	**93**	**75**	**61**	**51**
51	**61**	**75**	**93**	**115**	**150**	**115**	**93**	**75**	**61**	**51**
51	**61**	**75**	**93**	**115**	**150**	**115**	**93**	**75**	**61**	**51**

● F max. = 659 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-30°

57	70	86	104	131	**228**	131	104	86	70	57	15
62	77	95	119	152	**279**	152	119	95	77	62	
66	84	107	137	**183**	**355**	**183**	137	107	84	66	
71	91	118	**157**	**216**	**452**	**216**	**157**	118	91	71	
74	98	128	**176**	**252**	**623**	**252**	**176**	128	98	74	6x20
73	95	123	**166**	**233**	**518**	**233**	**166**	123	95	73	
69	88	113	147	**199**	**395**	**199**	147	113	88	69	135

3x28 | 19 | 3x18 | 19 | 3x28

260

53	**65**	**65**	**81**	**101**	**125**	**101**	**81**	**65**	**65**	**53**
53	**65**	**81**	**101**	**125**	**164**	**125**	**101**	**81**	**65**	**53**
53	**65**	**80**	**101**	**125**	**164**	**125**	**101**	**80**	**65**	**53**
53	**65**	**80**	**101**	**125**	**164**	**125**	**101**	**80**	**65**	**53**
53	**65**	**80**	**101**	**125**	**164**	**125**	**101**	**80**	**65**	**53**
53	**65**	**80**	**101**	**125**	**164**	**125**	**101**	**80**	**65**	**53**
53	**65**	**80**	**101**	**125**	**164**	**125**	**101**	**80**	**65**	**53**

● F max. = 681 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-35°

60	72	89	108	134	**236**	134	108	89	72	60	15
65	79	100	124	157	**291**	157	124	100	79	65	
69	87	113	145	**190**	**372**	**190**	145	113	87	69	
74	95	125	**165**	**226**	**480**	**226**	**165**	125	95	74	
78	101	135	**185**	**262**	**656**	**262**	**185**	135	101	78	6x20
75	96	126	**169**	**232**	**502**	**232**	**169**	126	96	75	
71	89	115	149	**196**	**386**	**196**	149	115	89	71	135

3x28 | 19 | 3x18 | 19 | 3x28

260

57	**69**	**69**	**87**	**107**	**131**	**107**	**87**	**69**	**69**	**57**
57	**69**	**88**	**110**	**138**	**182**	**138**	**110**	**88**	**69**	**57**
57	**69**	**87**	**110**	**137**	**182**	**137**	**110**	**87**	**69**	**57**
57	**69**	**87**	**110**	**137**	**182**	**137**	**110**	**87**	**69**	**57**
57	**69**	**87**	**110**	**137**	**182**	**137**	**110**	**87**	**69**	**57**
57	**69**	**87**	**110**	**137**	**182**	**137**	**110**	**87**	**69**	**57**
57	**69**	**87**	**110**	**137**	**182**	**137**	**110**	**87**	**69**	**57**

● F max. = 695 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-40°

62	74	93	113	137	**244**	137	113	93	74	62	15
68	82	104	130	162	**303**	162	130	104	82	68	6x20
73	91	119	152	**197**	**389**	**197**	152	119	91	73	135
78	98	131	**174**	**236**	**508**	**236**	**174**	131	98	78	
82	104	143	**194**	**272**	**689**	**272**	**194**	143	104	82	
78	98	130	172	**231**	**487**	**231**	172	130	98	78	
73	90	117	150	**194**	**377**	**194**	150	117	90	73	

3x28 | 19 | 3x18 | 19 | 3x28

260

61	**74**	**74**	**93**	**113**	**137**	**113**	**93**	**74**	**74**	**61**
61	**74**	**95**	**120**	**151**	**200**	**151**	**120**	**95**	**74**	**61**
61	**74**	**95**	**119**	**150**	**200**	**150**	**119**	**95**	**74**	**61**
61	**74**	**95**	**119**	**150**	**200**	**150**	**119**	**95**	**74**	**61**
61	**74**	**95**	**119**	**150**	**200**	**150**	**119**	**95**	**74**	**61**
61	**74**	**95**	**119**	**150**	**200**	**150**	**119**	**95**	**74**	**61**
61	**74**	**95**	**119**	**150**	**200**	**150**	**119**	**95**	**74**	**61**

● F max. = 710 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-45°

64	76	94	115	138	**243**	138	115	94	76	64	15
70	84	107	134	164	**305**	164	134	107	84	70	6x20
76	94	122	158	**202**	**394**	**202**	158	122	94	76	135
81	102	136	**181**	**243**	**516**	**243**	**181**	136	102	81	
85	108	147	**202**	**281**	**695**	**281**	**202**	147	108	85	
81	101	134	**178**	**237**	**490**	**237**	**178**	134	101	81	
75	93	120	155	**197**	**378**	**197**	155	120	93	75	

3x28 | 19 | 3x18 | 19 | 3x28

260

63	**76**	**76**	**94**	**115**	**138**	**115**	**94**	**76**	**76**	63
66	**80**	**102**	**129**	**159**	**225**	**159**	**129**	**102**	**80**	66
66	**81**	**104**	**134**	**168**	**225**	**168**	**134**	**104**	**81**	66
66	**81**	**104**	**134**	**168**	**225**	**168**	**134**	**104**	**81**	66
66	**81**	**104**	**134**	**168**	**225**	**168**	**134**	**104**	**81**	66
66	**81**	**104**	**134**	**168**	**225**	**168**	**134**	**104**	**81**	66
66	**81**	**104**	**134**	**168**	**225**	**168**	**134**	**104**	**81**	66

● F max. = 722 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-50°

66	78	95	117	138	**242**	138	117	95	78	66	15
72	86	109	137	167	**307**	167	137	109	86	72	6x20
79	97	125	163	**207**	**399**	**207**	163	125	97	79	135
84	105	140	**188**	**250**	**525**	**250**	**188**	140	105	84	
89	112	152	**210**	**289**	**701**	**289**	**210**	152	112	89	
84	104	138	**184**	**242**	**494**	**242**	**184**	138	104	84	
78	96	123	159	**200**	**380**	**200**	159	123	96	78	

3x28 | 19 | 3x18 | 19 | 3x28

260

66	**78**	**78**	**95**	**117**	**138**	**117**	**95**	**78**	**78**	66
72	**86**	**109**	**137**	**167**	**251**	**167**	**137**	**109**	**86**	72
72	**89**	**114**	**148**	**186**	**251**	**186**	**148**	**114**	**89**	72
72	**89**	**114**	**148**	**186**	**251**	**186**	**148**	**114**	**89**	72
72	**89**	**114**	**148**	**186**	**251**	**186**	**148**	**114**	**89**	72
72	**89**	**114**	**148**	**186**	**251**	**186**	**148**	**114**	**89**	72
72	**89**	**114**	**148**	**186**	**251**	**186**	**148**	**114**	**89**	72

● F max. = 734 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-55°

68	80	97	118	139	**240**	139	118	97	80	68	15
75	89	111	140	169	**306**	169	140	111	89	75	6x20
83	101	129	168	**213**	**403**	**213**	168	129	101	83	135
88	110	145	**195**	**258**	**532**	**258**	**195**	145	110	88	
93	117	158	**218**	**299**	**706**	**299**	**218**	158	117	93	
88	108	143	**190**	**249**	**496**	**249**	**190**	143	108	88	
79	99	126	163	**203**	**380**	**203**	163	126	99	79	

3x28 | 19 | 3x18 | 19 | 3x28

260

68	80	88	107	128	**188**	128	107	88	80	68
75	89	111	140	**169**	**278**	**169**	140	111	89	75
79	96	123	**161**	**202**	**329**	**202**	**161**	123	96	79
82	102	132	**175**	**226**	**395**	**226**	**175**	132	102	82
85	105	138	**187**	**247**	**480**	**247**	**187**	138	105	85
82	101	131	**172**	**221**	**374**	**221**	**172**	131	101	82
76	96	122	**157**	**197**	**316**	**197**	**157**	122	96	76

● F max. = 743 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

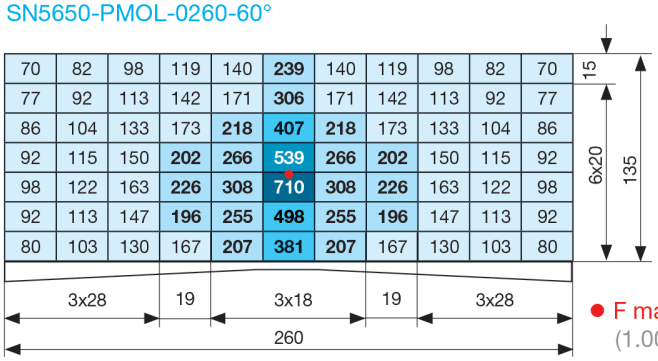
SN5650-PMOL-0260-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0260-60°

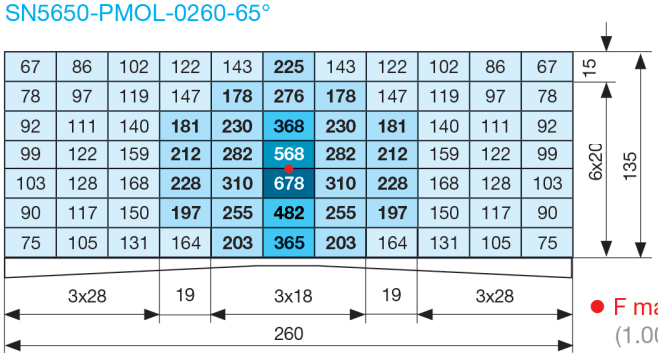


70	82	98	119	140	**239**	140	119	98	82	70
77	92	113	142	171	**306**	171	142	113	92	77
86	104	133	173	**218**	**407**	**218**	173	133	104	86
92	115	150	**202**	**266**	**539**	**266**	**202**	150	115	92
98	122	163	**226**	**308**	**710**	**308**	**226**	163	122	98
92	113	147	**196**	**255**	**498**	**255**	**196**	147	113	92
80	103	130	167	**207**	**381**	**207**	167	130	103	80

70	82	98	119	140	**239**	140	119	98	82	70
77	92	113	142	171	**306**	171	142	113	92	77
86	104	133	173	**218**	**407**	**218**	173	133	104	86
92	115	150	202	**266**	**539**	**266**	202	150	115	92
98	122	163	**226**	**308**	**710**	**308**	**226**	163	122	98
92	113	147	196	**255**	**498**	**255**	196	147	113	92
80	103	130	167	207	**381**	207	167	130	103	80

- F max. = 752 kN
  (1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-65°

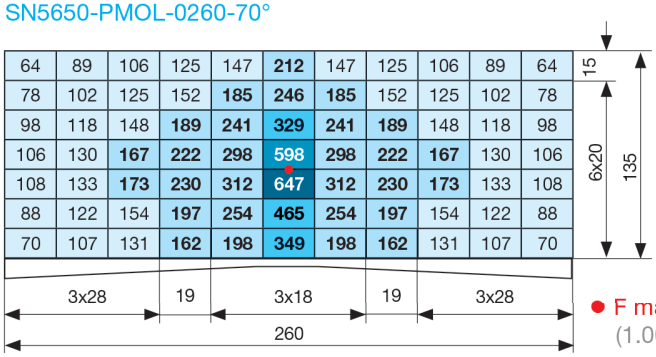


67	86	102	122	143	**225**	143	122	102	86	67
78	97	119	147	**178**	**276**	**178**	147	119	97	78
92	111	140	**181**	**230**	**368**	**230**	**181**	140	111	92
99	122	159	**212**	**282**	**568**	**282**	**212**	159	122	99
103	128	168	**228**	**310**	**678**	**310**	**228**	168	128	103
90	117	150	**197**	**255**	**482**	**255**	**197**	150	117	90
75	105	131	164	**203**	**365**	**203**	164	131	105	75

69	86	94	112	132	**193**	132	112	94	86	69
81	97	119	147	**178**	**276**	**178**	147	119	97	81
92	111	140	**181**	**230**	**368**	**230**	**181**	140	111	92
99	122	159	**212**	**282**	**505**	**282**	**212**	159	122	99
101	128	168	**228**	**310**	**591**	**310**	**228**	168	128	101
86	117	150	**197**	**255**	**482**	**255**	**197**	150	117	86
73	105	131	164	**203**	**365**	**203**	164	131	105	73

- F max. = 758 kN
  (1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-70°

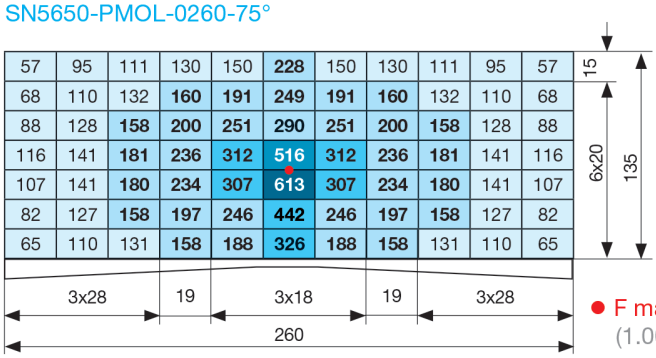


64	89	106	125	147	**212**	147	125	106	89	64
78	102	125	152	**185**	**246**	**185**	152	125	102	78
98	118	148	**189**	**241**	**329**	**241**	**189**	148	118	98
106	130	**167**	**222**	**298**	**598**	**298**	**222**	**167**	130	106
108	133	**173**	**230**	**312**	**647**	**312**	**230**	**173**	133	108
88	122	154	**197**	**254**	**465**	**254**	**197**	154	122	88
70	107	131	**162**	**198**	**349**	**198**	**162**	131	107	70

68	89	89	106	125	**147**	125	106	89	89	68
85	102	125	**152**	**185**	**246**	**185**	**152**	125	102	85
98	118	**148**	**189**	**241**	**329**	**241**	**189**	**148**	118	98
106	130	**167**	**222**	**298**	**471**	**298**	**222**	**167**	130	106
104	133	**173**	**230**	**312**	**471**	**312**	**230**	**173**	133	104
80	122	**154**	**197**	**254**	**465**	**254**	**197**	**154**	122	80
65	107	131	**162**	**198**	**349**	**198**	**162**	131	107	65

- F max. = 764 kN
  (1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0260-75°

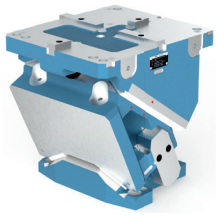


57	95	111	130	150	**228**	150	130	111	95	57
68	110	132	**160**	**191**	**249**	**191**	**160**	132	110	68
88	128	**158**	**200**	**251**	**290**	**251**	**200**	**158**	128	88
116	141	**181**	**236**	**312**	**516**	**312**	**236**	**181**	141	116
107	141	**180**	**234**	**307**	**613**	**307**	**234**	**180**	141	107
82	127	**158**	**197**	**246**	**442**	**246**	**197**	**158**	127	82
65	110	131	**158**	**188**	**326**	**188**	**158**	131	110	65

60	95	95	111	130	150	130	111	95	95	60
73	110	132	160	**191**	**249**	**191**	160	132	110	73
95	128	158	**200**	**251**	**290**	**251**	**200**	158	128	95
116	141	**181**	**236**	**312**	**516**	**312**	**236**	**181**	141	116
98	141	**180**	**234**	**307**	**567**	**307**	**234**	**180**	141	98
77	127	158	**197**	**246**	**442**	**246**	**197**	158	127	77
62	110	131	158	**188**	**326**	**188**	158	131	110	62

- F max. = 769 kN
  (1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

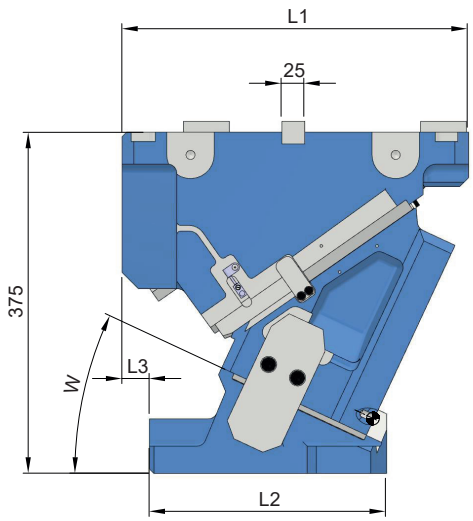


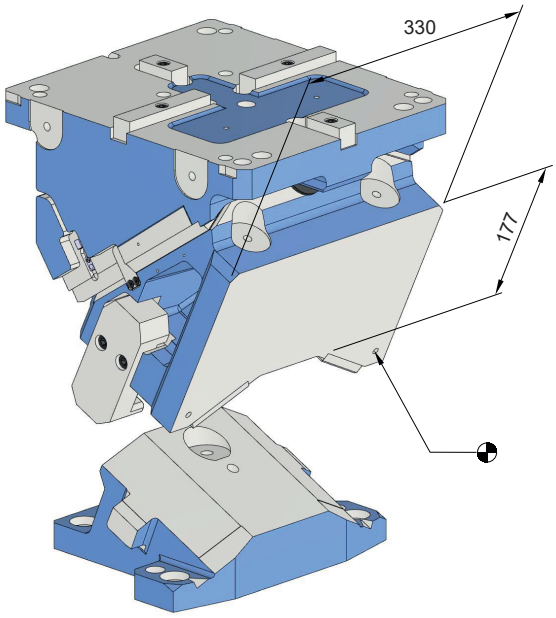
SN5650-PMOL-0330-

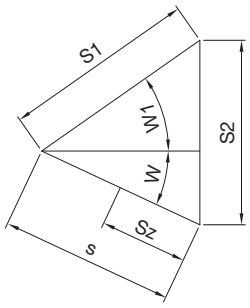
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	330 x 177 mm
Schieberbreite max.	*Cam unit width max.*	330 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 870 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

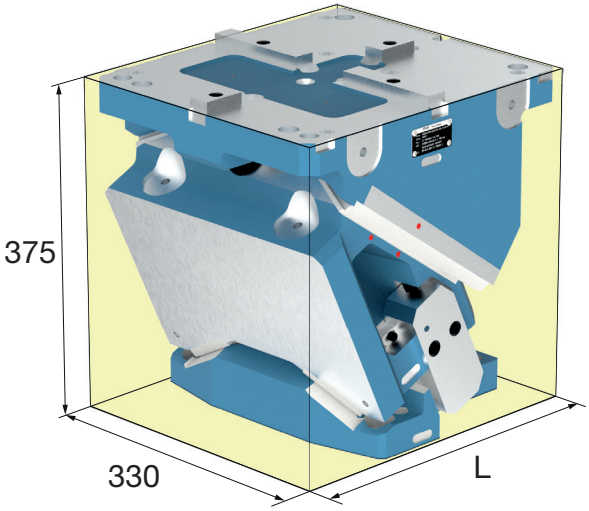
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

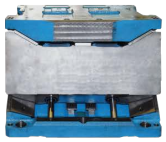
SN5650-PMOL-0330-

Oben hängender Schieber

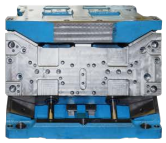
Aerial cam unit



E0



E1



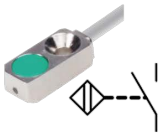
G0



S0



S1

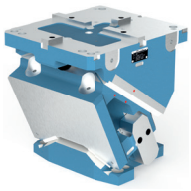


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

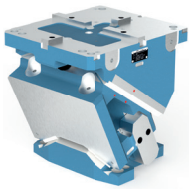
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E0-G0-S0-V04
0°	E0	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E0-G0-S1-V04
0°	E0	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E0-G1-S0-V04
0°	E0	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E0-G1-S1-V04
0°	E1	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E1-G0-S0-V04
0°	E1	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E1-G0-S1-V04
0°	E1	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E1-G1-S0-V04
0°	E1	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0330-00-E1-G1-S1-V04
5°	E0	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E0-G0-S0-V04
5°	E0	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E0-G0-S1-V04
5°	E0	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E0-G1-S0-V04
5°	E0	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E0-G1-S1-V04
5°	E1	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E1-G0-S0-V04
5°	E1	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E1-G0-S1-V04
5°	E1	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E1-G1-S0-V04
5°	E1	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0330-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0330-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0330-15-E1-G1-S1-V04



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
20°	E0	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0330-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0330-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0330-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0330-35-E1-G1-S1-V04
40°	E0	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E0-G0-S0-V04
40°	E0	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E0-G0-S1-V04
40°	E0	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E0-G1-S0-V04
40°	E0	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E0-G1-S1-V04
40°	E1	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E1-G0-S0-V04
40°	E1	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E1-G0-S1-V04
40°	E1	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E1-G1-S0-V04
40°	E1	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0330-40-E1-G1-S1-V04
45°	E0	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E0-G0-S0-V04
45°	E0	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E0-G0-S1-V04
45°	E0	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E0-G1-S0-V04
45°	E0	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E0-G1-S1-V04
45°	E1	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E1-G0-S0-V04
45°	E1	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E1-G0-S1-V04
45°	E1	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E1-G1-S0-V04
45°	E1	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0330-45-E1-G1-S1-V04
50°	E0	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E0-G0-S0-V04
50°	E0	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E0-G0-S1-V04
50°	E0	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E0-G1-S0-V04
50°	E0	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E0-G1-S1-V04
50°	E1	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E1-G0-S0-V04
50°	E1	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E1-G0-S1-V04
50°	E1	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E1-G1-S0-V04

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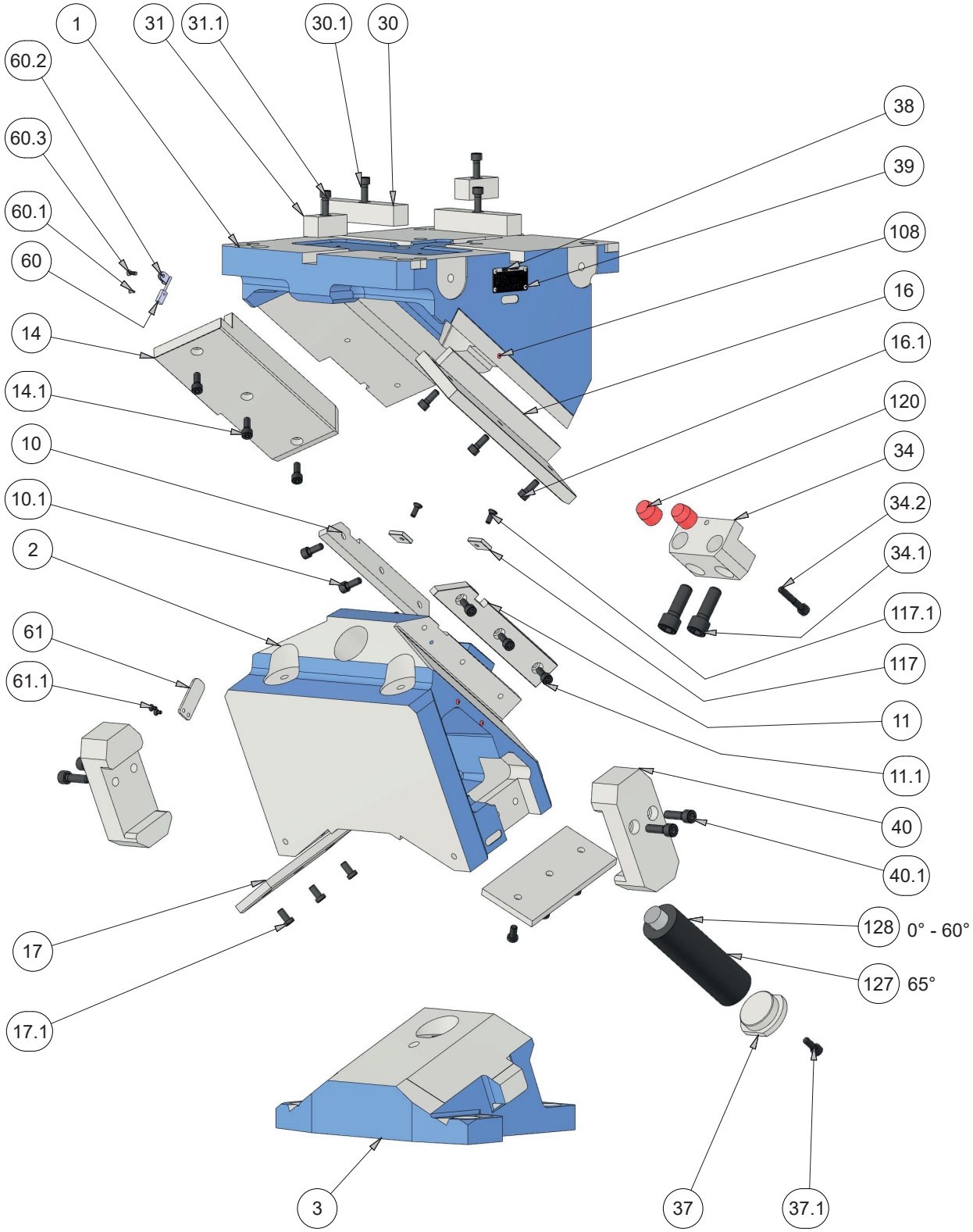


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0330-50-E1-G1-S1-V04
55°	E0	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E0-G0-S0-V04
55°	E0	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E0-G0-S1-V04
55°	E0	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E0-G1-S0-V04
55°	E0	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E0-G1-S1-V04
55°	E1	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E1-G0-S0-V04
55°	E1	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E1-G0-S1-V04
55°	E1	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E1-G1-S0-V04
55°	E1	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0330-55-E1-G1-S1-V04
60°	E0	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E0-G0-S0-V04
60°	E0	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E0-G0-S1-V04
60°	E0	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E0-G1-S0-V04
60°	E0	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E0-G1-S1-V04
60°	E1	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E1-G0-S0-V04
60°	E1	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E1-G0-S1-V04
60°	E1	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E1-G1-S0-V04
60°	E1	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0330-60-E1-G1-S1-V04
65°	E0	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E0-G0-S0-V04
65°	E0	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E0-G0-S1-V04
65°	E0	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E0-G1-S0-V04
65°	E0	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E0-G1-S1-V04
65°	E1	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E1-G0-S0-V04
65°	E1	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E1-G0-S1-V04
65°	E1	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E1-G1-S0-V04
65°	E1	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0330-65-E1-G1-S1-V04

SN5650-PMOL-0330-

Bauteile

Components



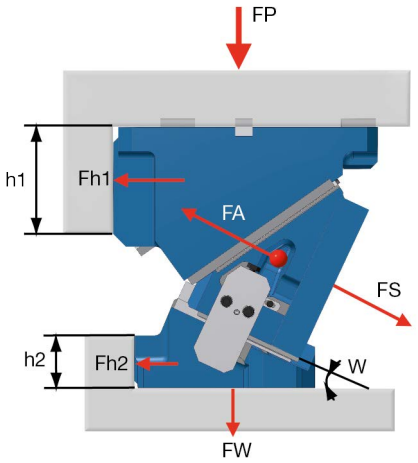
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-0330-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	870	821	870	821	0	187	40	68
05°	927	879	852	793	67	182	44	67
10°	983	936	833	766	135	177	48	72
15°	1043	997	811	723	191	163	48	68
20°	1103	1059	788	681	248	149	48	63
25°	1133	1091	741	612	281	138	48	65
30°	1162	1123	693	542	313	127	48	66
35°	1215	1178	657	480	332	125	52	66
40°	1268	1234	620	418	351	122	56	68
45°	1273	1242	559	345	338	111	84	66
50°	1278	1251	497	272	324	100	111	64
55°	1281	1257	438	212	294	96	126	61
60°	1284	1264	379	152	263	92	140	57
65°	1293	1271	333	100	213	85	140	56



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	653	619	653	619	0	187	50	68
05°	695	662	638	598	51	182	55	67
10°	737	705	624	577	102	177	60	72
15°	782	750	607	545	144	163	60	68
20°	827	796	591	513	187	149	60	63
25°	849	820	555	461	211	138	60	65
30°	872	844	519	409	236	127	60	66
35°	911	885	491	362	250	125	65	66
40°	951	927	464	315	265	122	70	68
45°	955	933	418	260	255	111	105	66
50°	959	939	372	205	245	100	139	64
55°	961	944	327	160	222	96	157	61
60°	963	949	282	115	199	92	175	57
65°	970	954	248	75	162	85	175	56

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

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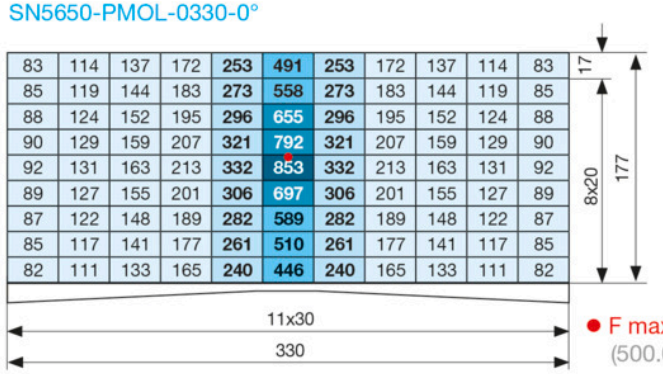
SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-0°

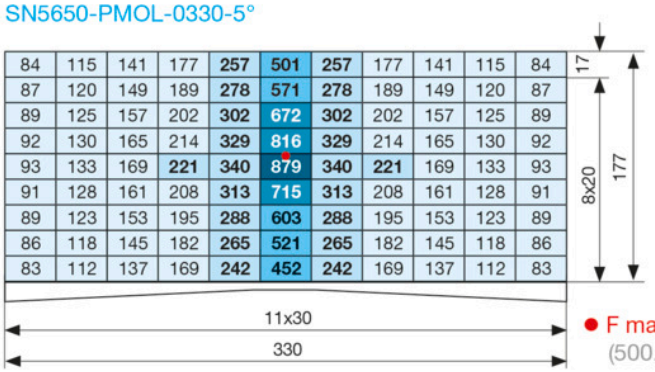


83	114	137	172	253	491	253	172	137	114	83
85	119	144	183	273	558	273	183	144	119	85
88	124	152	195	296	655	296	195	152	124	88
90	129	159	207	321	792	321	207	159	129	90
92	131	163	213	332	853	332	213	163	131	92
89	127	155	201	306	697	306	201	155	127	89
87	122	148	189	282	589	282	189	148	122	87
85	117	141	177	261	510	261	177	141	117	85
82	111	133	165	240	446	240	165	133	111	82

68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68
68	80	88	99	112	130	112	99	88	80	68

● F max. = 870 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-5°

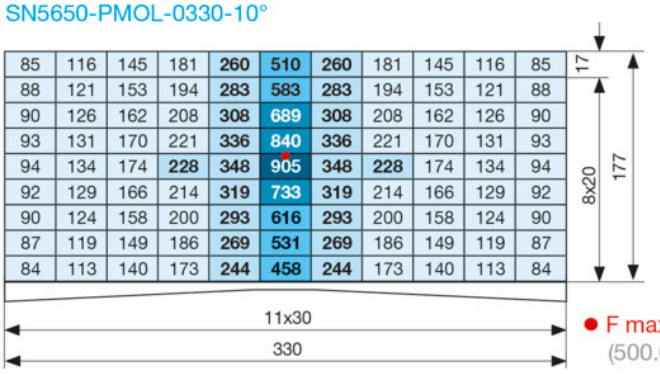


84	115	141	177	257	501	257	177	141	115	84
87	120	149	189	278	571	278	189	149	120	87
89	125	157	202	302	672	302	202	157	125	89
92	130	165	214	329	816	329	214	165	130	92
93	133	169	221	340	879	340	221	169	133	93
91	128	161	208	313	715	313	208	161	128	91
89	123	153	195	288	603	288	195	153	123	89
86	118	145	182	265	521	265	182	145	118	86
83	112	137	169	242	452	242	169	137	112	83

71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	94	107	122	143	122	107	94	84	71
71	84	95	107	122	143	122	107	95	84	71

● F max. = 927 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-10°

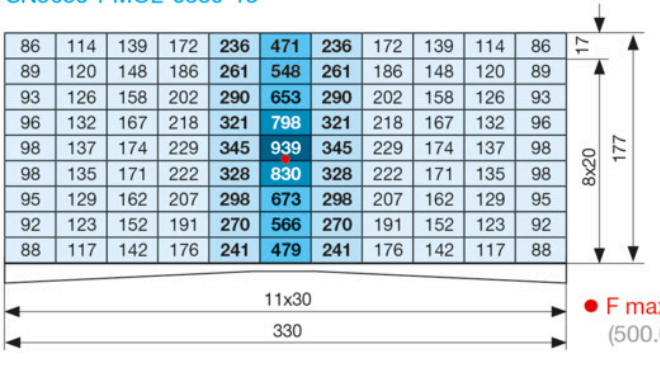


85	116	145	181	260	510	260	181	145	116	85
88	121	153	194	283	583	283	194	153	121	88
90	126	162	208	308	689	308	208	162	126	90
93	131	170	221	336	840	336	221	170	131	93
94	134	174	228	348	905	348	228	174	134	94
92	129	166	214	319	733	319	214	166	129	92
90	124	158	200	293	616	293	200	158	124	90
87	119	149	186	269	531	269	186	149	119	87
84	113	140	173	244	458	244	173	140	113	84

74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	100	114	131	155	131	114	100	88	74
74	88	101	114	131	155	131	114	101	88	74

● F max. = 938kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-15°



86	114	139	172	236	471	236	172	139	114	86
89	120	148	186	261	548	261	186	148	120	89
93	126	158	202	290	653	290	202	158	126	93
96	132	167	218	321	798	321	218	167	132	96
98	137	174	229	345	939	345	229	174	137	98
98	135	171	222	328	830	328	222	171	135	98
95	129	162	207	298	673	298	207	162	129	95
92	123	152	191	270	566	270	191	152	123	92
88	117	142	176	241	479	241	176	142	117	88

77	92	104	120	140	170	140	120	104	92	77
77	91	104	120	140	170	140	120	104	91	77
77	91	104	119	140	170	140	119	104	91	77
77	91	104	119	140	170	140	119	104	91	77
77	91	104	119	140	170	140	119	104	91	77
77	91	104	119	140	170	140	119	104	91	77
77	91	104	119	140	170	140	119	104	91	77
77	91	104	119	140	170	140	119	104	91	77
77	91	104	120	140	170	140	120	104	91	77

● F max. = 1043kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-20°

86	111	133	163	212	**432**	212	163	133	111	86	17
90	119	143	178	239	**512**	239	178	143	119	90	
95	126	154	196	**272**	**617**	**272**	196	154	126	95	
99	133	164	214	**306**	**755**	**306**	214	164	133	99	
102	139	174	230	**341**	**973**	**341**	230	174	139	102	8x20
103	140	175	230	**337**	**926**	**337**	230	175	140	103	177
99	133	165	213	**303**	**729**	**303**	213	165	133	99	
96	127	155	196	**270**	**601**	**270**	196	155	127	96	
91	120	144	179	238	**500**	238	179	144	120	91	

11x30
330

79	95	108	125	149	185	149	125	108	95	79
79	94	107	125	149	185	149	125	107	94	79
79	94	107	124	149	185	149	124	107	94	79
79	94	107	124	149	185	149	124	107	94	79
79	94	107	124	149	185	149	124	107	94	79
79	94	107	124	149	185	149	124	107	94	79
79	94	107	124	149	185	149	124	107	94	79
79	94	107	124	149	185	149	124	107	94	79
79	94	107	125	149	185	149	125	107	94	79

● F max. = 1103 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-25°

89	115	139	170	219	**447**	219	170	139	115	89	17
94	123	150	187	249	**533**	249	187	150	123	94	
99	131	162	206	**285**	**646**	**285**	206	162	131	99	
103	139	173	225	**321**	**799**	**321**	225	173	139	103	
107	145	184	243	**359**	**1048**	**359**	243	184	145	107	8x20
106	144	181	236	**343**	**908**	**343**	236	181	144	106	177
102	137	170	218	**306**	**718**	**306**	218	170	137	102	
99	130	159	200	**271**	**592**	**271**	200	159	130	99	
93	122	147	181	237	**490**	237	181	147	122	93	

11x30
330

84	101	117	136	163	204	163	136	117	101	84
84	101	116	136	163	204	163	136	116	101	84
84	101	116	135	163	204	163	135	116	101	84
84	101	116	135	163	204	163	135	116	101	84
84	101	116	135	163	204	163	135	116	101	84
84	101	116	135	163	204	163	135	116	101	84
84	101	116	135	163	204	163	135	116	101	84
84	101	116	135	163	204	163	135	116	101	84
84	101	116	136	163	204	163	136	116	101	84

● F max. = 1133 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-30°

92	118	144	176	226	**461**	226	176	144	118	92	17
97	127	156	195	258	**554**	258	195	156	127	97	
102	136	169	215	**297**	**674**	**297**	215	169	136	102	
107	144	181	235	**336**	**843**	**336**	235	181	144	107	
111	151	193	255	**377**	**1123**	**377**	255	193	151	111	8x20
109	147	186	242	**348**	**890**	**348**	242	186	147	109	177
105	140	174	223	**309**	**706**	**309**	223	174	140	105	
101	132	162	203	271	**582**	271	203	162	132	101	
95	123	149	183	235	**479**	235	183	149	123	95	

11x30
330

89	107	125	147	177	223	177	147	125	107	89
89	107	125	146	177	223	177	146	125	107	89
89	107	124	146	176	223	176	146	124	107	89
89	107	124	146	176	223	176	146	124	107	89
89	107	124	146	176	223	176	146	124	107	89
89	107	124	146	176	223	176	146	124	107	89
89	107	124	146	176	223	176	146	124	107	89
89	107	124	146	176	223	176	146	124	107	89
89	107	125	147	177	223	177	147	125	107	89

● F max. = 1162 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-35°

99	125	152	186	236	**475**	236	186	152	125	99	17
105	135	166	207	272	**574**	272	207	166	135	105	
111	145	180	230	**314**	**700**	**314**	230	180	145	111	
116	154	194	252	**357**	**876**	**357**	252	194	154	116	
121	162	207	274	**402**	**1168**	**402**	274	207	162	121	8x20
119	158	199	260	**371**	**932**	**371**	260	199	158	119	177
114	150	187	239	**328**	**738**	**328**	239	187	150	114	
110	141	173	217	287	**607**	287	217	173	141	110	
103	131	158	194	248	**497**	248	194	158	131	103	

11x30
330

96	116	136	161	196	249	196	161	136	116	96
96	116	136	160	195	249	195	160	136	116	96
96	116	135	160	194	249	194	160	135	116	96
96	116	135	160	194	249	194	160	135	116	96
96	116	135	160	194	249	194	160	135	116	96
96	116	135	160	194	249	194	160	135	116	96
96	116	135	160	194	249	194	160	135	116	96
96	116	135	160	195	249	195	160	135	116	96
96	116	136	161	195	249	195	161	136	116	96

● F max. = 1215 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-40°

106	132	159	196	246	**489**	246	196	159	132	106	17
113	143	175	218	285	**593**	285	218	175	143	113	
120	154	191	244	**330**	**725**	**330**	244	191	154	120	
125	163	206	268	**377**	**908**	**377**	268	206	163	125	
131	172	220	293	**427**	**1213**	**427**	293	220	172	131	
129	168	212	278	**393**	**974**	**393**	278	212	168	129	
123	159	199	254	**347**	**769**	**347**	254	199	159	123	
118	149	183	230	302	**631**	302	230	183	149	118	
111	138	167	205	260	**515**	260	205	167	138	111	

8x20 | 177

11x30
330

102	124	146	175	214	**274**	214	175	146	124	102
102	124	146	174	213	**274**	213	174	146	124	102
102	124	146	173	212	**274**	212	173	146	124	102
102	124	146	173	212	**274**	212	173	146	124	102
102	124	146	173	212	**274**	212	173	146	124	102
102	124	146	173	212	**274**	212	173	146	124	102
102	124	146	173	212	**274**	212	173	146	124	102
102	124	146	174	213	**274**	213	174	146	124	102
102	124	146	175	213	**274**	213	175	146	124	102

● F max. = 1268 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-45°

110	134	160	197	245	**477**	245	197	160	134	110	17
118	147	178	223	288	**587**	288	223	178	147	118	
126	159	196	252	**337**	**724**	**337**	252	196	159	126	
132	169	212	279	**388**	**907**	**388**	279	212	169	132	
138	179	227	**306**	**441**	**1213**	**441**	**306**	227	179	138	
137	176	221	293	**411**	**1005**	**411**	293	221	176	137	
130	166	206	267	**362**	**787**	**362**	267	206	166	130	
124	155	189	240	**313**	**643**	**313**	240	189	155	124	
116	143	171	211	266	**519**	266	211	171	143	116	

8x20 | 177

11x30
330

108	130	154	186	229	**310**	229	186	154	130	108
112	137	161	195	240	**310**	240	195	161	137	112
113	137	161	195	239	**310**	239	195	161	137	113
113	137	161	195	239	**310**	239	195	161	137	113
113	137	161	195	239	**310**	239	195	161	137	113
113	137	161	195	239	**310**	239	195	161	137	113
113	137	161	195	239	**310**	239	195	161	137	113
113	137	161	195	240	**310**	240	195	161	137	113
112	136	161	196	240	**310**	240	196	161	136	112

● F max. = 1273 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-50°

113	136	161	197	244	**465**	244	197	161	136	113	17
122	150	180	227	290	**581**	290	227	180	150	122	
131	163	201	259	**344**	**722**	**344**	259	201	163	131	
138	175	218	289	**398**	**905**	**398**	289	218	175	138	
145	185	234	**318**	**455**	**1213**	**455**	**318**	234	185	145	
144	183	229	**307**	**429**	**1035**	**429**	**307**	229	183	144	
137	172	213	279	**376**	**805**	**376**	279	213	172	137	
130	161	195	249	**323**	**654**	**323**	249	195	161	130	
121	147	175	217	272	**522**	272	217	175	147	121	

8x20 | 177

11x30
330

113	136	161	197	244	**345**	244	197	161	136	113
122	149	176	216	267	**345**	267	216	176	149	122
123	149	176	216	265	**345**	265	216	176	149	123
123	149	176	216	265	**345**	265	216	176	149	123
123	149	176	216	265	**345**	265	216	176	149	123
123	149	176	216	265	**345**	265	216	176	149	123
123	149	176	216	265	**345**	265	216	176	149	123
123	149	176	216	266	**345**	266	216	176	149	123
121	147	175	216	267	**345**	267	216	175	147	121

● F max. = 1278 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-55°

122	147	173	212	265	**504**	265	212	173	147	122	17
133	163	196	246	**319**	**634**	**319**	246	196	163	133	
142	177	217	280	**378**	**791**	**378**	280	217	177	142	
150	189	236	**311**	**438**	**1016**	**438**	**311**	236	189	150	
156	197	248	**332**	**476**	**1210**	**476**	**332**	248	197	156	
151	190	236	**310**	**431**	**972**	**431**	**310**	236	190	151	
143	178	218	279	**373**	**767**	**373**	279	218	178	143	
134	164	196	245	**314**	**613**	**314**	245	196	164	134	
123	148	173	210	259	**480**	259	210	173	148	123	

8x20 | 177

11x30
330

122	147	173	212	265	**400**	265	212	173	147	122
133	162	194	240	308	**400**	308	240	194	162	133
138	170	201	247	308	**400**	308	247	201	170	138
141	170	201	247	308	**400**	308	247	201	170	141
141	170	201	247	308	**400**	308	247	201	170	141
141	170	201	247	308	**400**	308	247	201	170	141
136	167	199	247	308	**400**	308	247	199	167	136
126	158	187	228	286	**400**	286	228	187	158	126
117	148	173	209	257	**392**	257	209	173	148	117

● F max. = 1281 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-60°

131	157	185	226	286	**542**	286	226	185	157	131	17
143	175	211	264	**348**	**687**	**348**	264	211	175	143	
153	191	233	300	**412**	**859**	**412**	300	233	191	153	
162	203	253	**333**	**477**	**1126**	**477**	**333**	253	203	162	
166	209	261	**345**	**497**	**1207**	**497**	**345**	261	209	166	8x20
158	197	242	**312**	**432**	**909**	**432**	**312**	242	197	158	
149	184	222	279	**370**	**728**	**370**	279	222	184	149	
138	167	197	240	**305**	**572**	**305**	240	197	167	138	
125	148	171	202	246	**438**	246	202	171	148	125	177

11x30
330

131	**157**	**185**	**226**	**286**	**455**	**286**	**226**	**185**	**157**	131
143	**175**	**211**	**264**	**348**	**455**	**348**	**264**	**211**	**175**	**143**
153	**191**	**226**	**277**	**350**	**455**	**350**	**277**	**226**	**191**	**153**
159	**191**	**226**	**277**	**350**	**455**	**350**	**277**	**226**	**191**	**159**
159	**191**	**226**	**277**	**350**	**455**	**350**	**277**	**226**	**191**	**159**
158	**191**	**226**	**277**	**350**	**455**	**350**	**277**	**226**	**191**	**158**
149	**184**	**222**	**277**	**350**	**455**	**350**	**277**	**222**	**184**	**149**
129	**167**	**197**	**240**	**305**	**455**	**305**	**240**	**197**	**167**	129
113	**148**	**171**	**202**	**246**	**438**	**246**	**202**	**171**	**148**	113

● F max. = 1284 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0330-65°

136	162	189	227	283	**526**	283	227	189	162	136	17
151	183	218	269	352	**677**	352	269	218	183	151	
163	201	244	**310**	**425**	**858**	**425**	**310**	244	201	163	
172	216	266	**346**	**494**	**1129**	**494**	**346**	266	216	172	
177	222	274	**358**	**516**	**1208**	**516**	**358**	274	222	177	8x20
168	208	253	**323**	**445**	**908**	**445**	**323**	253	208	168	
150	193	230	286	**377**	**719**	**377**	286	230	193	150	
128	172	201	242	**303**	**556**	**303**	242	201	172	128	
112	151	172	201	241	**421**	241	201	172	151	112	177

11x30
330

136	**162**	**189**	**227**	**283**	**520**	**283**	**227**	**189**	**162**	136
151	**183**	**218**	**269**	**352**	**520**	**352**	**269**	**218**	**183**	151
163	**201**	**244**	**310**	**404**	**520**	**404**	**310**	**244**	**201**	**163**
172	**216**	**261**	**317**	**404**	**520**	**404**	**317**	**261**	**216**	**172**
177	**221**	**261**	**317**	**404**	**520**	**404**	**317**	**261**	**221**	**177**
158	**208**	**253**	**317**	**404**	**520**	**404**	**317**	**253**	**208**	**158**
135	**193**	**230**	**286**	**377**	**520**	**377**	**286**	**230**	**193**	135
117	**172**	**201**	**242**	**303**	**520**	**303**	**242**	**201**	**172**	117
103	**151**	**172**	**201**	**241**	**421**	**241**	**201**	**172**	**151**	103

● F max. = 1293 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-0°

62	86	103	129	190	368	190	129	103	86	62	17
64	89	108	137	205	419	205	137	108	89	64	
66	93	114	146	222	491	222	146	114	93	66	
68	97	119	155	241	594	241	155	119	97	68	
69	98	122	160	249	640	249	160	122	98	69	
67	95	116	151	230	523	230	151	116	95	67	
65	92	111	142	212	442	212	142	111	92	65	
64	88	106	133	196	383	196	133	106	88	64	
62	83	100	124	180	335	180	124	100	83	62	

8x20 / 177

11x30
330

51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51
51	60	66	74	84	98	84	74	66	60	51

● F max. = 653 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-5°

63	86	106	132	192	375	192	132	106	86	63	17
65	90	111	141	209	428	209	141	111	90	65	
67	94	118	151	227	504	227	151	118	94	67	
69	98	123	161	246	612	246	161	123	98	69	
70	99	126	165	255	659	255	165	126	99	70	
68	96	120	156	234	536	234	156	120	96	68	
66	92	115	146	216	452	216	146	115	92	66	
65	89	109	136	199	390	199	136	109	89	65	
62	84	102	127	182	339	182	127	102	84	62	

8x20 / 177

11x30
330

53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53
53	63	71	80	91	107	91	80	71	63	53

● F max. = 695 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-10°

64	87	109	136	195	383	195	136	109	87	64	17
66	91	115	146	212	437	212	146	115	91	66	
68	95	122	156	231	517	231	156	122	95	68	
70	98	128	166	252	630	252	166	128	98	70	
71	101	131	171	261	679	261	171	131	101	71	
69	97	125	161	239	550	239	161	125	97	69	
68	93	119	150	220	462	220	150	119	93	68	
65	89	112	140	202	398	202	140	112	89	65	
63	85	105	130	183	344	183	130	105	85	63	

8x20 / 177

11x30
330

56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	75	86	98	116	98	86	75	66	56
56	66	76	86	98	116	98	86	76	66	56

● F max. = 737 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-15°

64	85	104	129	177	353	177	129	104	85	64	17
67	90	111	140	196	411	196	140	111	90	67	
69	95	119	152	218	490	218	152	119	95	69	
72	99	125	163	241	598	241	163	125	99	72	
74	102	131	172	258	704	258	172	131	102	74	
73	101	128	167	246	622	246	167	128	101	73	
71	96	121	155	224	504	224	155	121	96	71	
69	92	114	143	202	425	202	143	114	92	69	
66	87	107	132	181	359	181	132	107	87	66	

8x20 / 177

11x30
330

57	69	78	90	105	128	105	90	78	69	57
57	68	78	90	105	128	105	90	78	68	57
57	68	78	89	105	128	105	89	78	68	57
57	68	78	89	105	128	105	89	78	68	57
57	68	78	89	105	128	105	89	78	68	57
57	68	78	89	105	128	105	89	78	68	57
57	68	78	89	105	128	105	89	78	68	57
57	68	78	89	105	128	105	89	78	68	57
57	68	78	90	105	128	105	90	78	68	57

● F max. = 782 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-20°

65	83	100	122	159	**324**	159	122	100	83	65	17
68	89	107	134	179	**384**	179	134	107	89	68	
71	95	116	147	**204**	**463**	**204**	147	116	95	71	
74	100	123	161	**230**	**566**	**230**	161	123	100	74	
77	104	131	173	**256**	**730**	**256**	173	131	104	77	
77	105	131	173	**253**	**695**	**253**	173	131	105	77	
74	100	124	160	**227**	**547**	**227**	160	124	100	74	
72	95	116	147	**203**	**451**	**203**	147	116	95	72	
68	90	108	134	179	**375**	179	134	108	90	68	

8x20 / 177

11x30
330

59	71	81	94	112	139	112	94	81	71	59
59	71	80	94	112	139	112	94	80	71	59
59	71	80	93	112	139	112	93	80	71	59
59	71	80	93	112	139	112	93	80	71	59
59	71	80	93	112	139	112	93	80	71	59
59	71	80	93	112	139	112	93	80	71	59
59	71	80	93	112	139	112	93	80	71	59
59	71	80	93	112	139	112	93	80	71	59
59	71	80	94	112	139	112	94	80	71	59

● F max. = 827 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-25°

67	86	104	127	164	**335**	164	127	104	86	67	17
70	92	112	140	186	**400**	186	140	112	92	70	
74	98	121	154	**213**	**484**	**213**	154	121	98	74	
77	104	129	168	**241**	**599**	**241**	168	129	104	77	
80	109	138	182	**269**	**786**	**269**	182	138	109	80	
80	108	135	177	**257**	**681**	**257**	177	135	108	80	
77	102	127	164	**230**	**538**	**230**	164	127	102	77	
74	97	119	150	**203**	**444**	**203**	150	119	97	74	
70	91	110	136	177	**367**	177	136	110	91	70	

8x20 / 177

11x30
330

63	76	87	102	122	153	122	102	87	76	63
63	75	87	102	122	153	122	102	87	75	63
63	75	87	101	122	153	122	101	87	75	63
63	75	87	101	122	153	122	101	87	75	63
63	75	87	101	122	153	122	101	87	75	63
63	75	87	101	122	153	122	101	87	75	63
63	75	87	101	122	153	122	101	87	75	63
63	75	87	101	122	153	122	101	87	75	63
63	75	87	102	122	153	122	102	87	75	63

● F max. = 849 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-30°

69	89	108	132	170	**346**	170	132	108	89	69	17
73	95	117	146	194	**416**	194	146	117	95	73	
77	102	127	161	**223**	**506**	**223**	161	127	102	77	
80	108	136	176	**252**	**632**	**252**	176	136	108	80	
83	113	145	191	**283**	**842**	**283**	191	145	113	83	
82	110	140	182	**261**	**668**	**261**	182	140	110	82	
79	105	131	167	**232**	**530**	**232**	167	131	105	79	
76	99	122	152	203	**437**	203	152	122	99	76	
71	92	112	137	176	**359**	176	137	112	92	71	

8x20 / 177

11x30
330

67	80	94	110	133	167	133	110	94	80	67
67	80	94	110	133	167	133	110	94	80	67
67	80	93	110	132	167	132	110	93	80	67
67	80	93	110	132	167	132	110	93	80	67
67	80	93	110	132	167	132	110	93	80	67
67	80	93	110	132	167	132	110	93	80	67
67	80	93	110	132	167	132	110	93	80	67
67	80	93	110	132	167	132	110	93	80	67
67	80	94	110	133	167	133	110	94	80	67

● F max. = 872 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-35°

74	94	114	140	177	**356**	177	140	114	94	74	17
79	101	124	155	204	**430**	204	155	124	101	79	
83	109	135	172	**235**	**525**	**235**	172	135	109	83	
87	115	145	189	**267**	**657**	**267**	189	145	115	87	
91	121	155	206	**302**	**876**	**302**	206	155	121	91	
89	118	149	195	**278**	**699**	**278**	195	149	118	89	
86	112	140	179	**246**	**553**	**246**	179	140	112	86	
82	105	129	162	215	**455**	215	162	129	105	82	
77	98	119	146	186	**373**	186	146	119	98	77	

8x20 / 177

11x30
330

72	87	102	121	147	186	147	121	102	87	72
72	87	102	120	146	186	146	120	102	87	72
72	87	101	120	146	186	146	120	101	87	72
72	87	101	120	146	186	146	120	101	87	72
72	87	101	120	146	186	146	120	101	87	72
72	87	101	120	146	186	146	120	101	87	72
72	87	101	120	146	186	146	120	101	87	72
72	87	101	120	146	186	146	120	101	87	72
72	87	102	121	146	186	146	121	102	87	72

● F max. = 911 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-40°

80	99	119	147	185	**367**	185	147	119	99	80	17
85	107	131	164	214	**445**	214	164	131	107	85	
90	116	143	183	**248**	**544**	**248**	183	143	116	90	
94	122	155	201	**283**	**681**	**283**	201	155	122	94	
98	129	165	220	**320**	**910**	**320**	220	165	129	98	8x20
97	126	159	209	**295**	**731**	**295**	209	159	126	97	177
92	119	149	191	**260**	**577**	**260**	191	149	119	92	
89	112	137	173	227	**473**	227	173	137	112	89	
83	104	125	154	195	**386**	195	154	125	104	83	

11x30
330

77	93	110	131	161	**206**	161	131	110	93	77
77	93	110	131	160	**206**	160	131	110	93	77
77	93	110	130	159	**206**	159	130	110	93	77
77	93	110	130	159	**206**	159	130	110	93	77
77	93	110	130	159	**206**	159	130	110	93	77
77	93	110	130	159	**206**	159	130	110	93	77
77	93	110	130	159	**206**	159	130	110	93	77
77	93	110	131	160	**206**	160	131	110	93	77
77	93	110	131	160	**206**	160	131	110	93	77

● F max. = 951 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-45°

82	101	120	147	184	**358**	184	147	120	101	82	17
88	110	133	167	216	**440**	216	167	133	110	88	
94	119	147	189	**253**	**543**	**253**	189	147	119	94	
99	127	159	209	**291**	**680**	**291**	209	159	127	99	
104	134	170	229	**331**	**910**	**331**	229	170	134	104	8x20
102	132	165	219	**308**	**753**	**308**	219	165	132	102	177
98	124	155	200	**271**	**590**	**271**	200	155	124	98	
93	116	142	180	234	**482**	234	180	142	116	93	
87	107	128	158	200	**389**	200	158	128	107	87	

11x30
330

81	98	115	140	172	**232**	172	140	115	98	81
84	102	121	146	180	**232**	180	146	121	102	84
84	102	121	146	179	**232**	179	146	121	102	84
84	102	121	146	179	**232**	179	146	121	102	84
84	102	121	146	179	**232**	179	146	121	102	84
84	102	121	146	179	**232**	179	146	121	102	84
84	102	121	146	179	**232**	179	146	121	102	84
84	102	121	146	180	**232**	180	146	121	102	84
84	102	120	147	180	**232**	180	147	120	102	84

● F max. = 955 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-50°

85	102	121	148	183	**349**	183	148	121	102	85	17
92	113	135	170	218	**436**	218	170	135	113	92	
98	122	151	194	**258**	**542**	**258**	194	151	122	98	
104	131	164	217	**299**	**679**	**299**	217	164	131	104	
109	139	176	**239**	**341**	**910**	**341**	**239**	176	139	109	8x20
108	137	172	**230**	**322**	**776**	**322**	**230**	172	137	108	177
103	129	160	209	**282**	**604**	**282**	209	160	129	103	
98	121	146	187	**242**	**491**	**242**	187	146	121	98	
91	110	131	163	204	**392**	204	163	131	110	91	

11x30
330

85	102	121	148	183	**259**	183	148	121	102	85
92	112	132	162	200	**259**	200	162	132	112	92
92	112	132	162	199	**259**	199	162	132	112	92
92	112	132	162	199	**259**	199	162	132	112	92
92	112	132	162	199	**259**	199	162	132	112	92
92	112	132	162	199	**259**	199	162	132	112	92
92	112	132	162	199	**259**	199	162	132	112	92
92	112	132	162	200	**259**	200	162	132	112	92
91	110	131	162	200	**259**	200	162	131	110	91

● F max. = 959 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-55°

92	110	130	159	199	**378**	199	159	130	110	92	17
99	122	147	184	**239**	**476**	**239**	184	147	122	99	
107	133	163	210	**284**	**593**	**284**	210	163	133	107	
113	142	177	**233**	**328**	**762**	**328**	**233**	177	142	113	
117	148	186	**249**	**357**	**908**	**357**	**249**	186	148	117	8x20
113	143	177	**232**	**323**	**729**	**323**	**232**	177	143	113	177
107	134	163	209	**280**	**575**	**280**	209	163	134	107	
101	123	147	183	**236**	**460**	**236**	183	147	123	101	
92	111	130	157	194	**360**	194	157	130	111	92	

11x30
330

92	110	130	159	199	**300**	199	159	130	110	92
99	122	145	180	231	**300**	231	180	145	122	99
104	128	151	185	231	**300**	231	185	151	128	104
106	128	151	185	231	**300**	231	185	151	128	106
106	128	151	185	231	**300**	231	185	151	128	106
105	128	151	185	231	**300**	231	185	151	128	105
102	125	149	185	231	**300**	231	185	149	125	102
95	119	140	171	214	**300**	214	171	140	119	95
88	111	130	157	192	**294**	192	157	130	111	88

● F max. = 961 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0330-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0330-60°

98	118	139	170	215	**407**	215	170	139	118	98	17
107	131	158	198	261	**515**	261	198	158	131	107	
115	143	175	225	**309**	**644**	**309**	225	175	143	115	
122	152	190	**250**	**358**	**845**	**358**	**250**	190	152	122	
125	157	196	**259**	**373**	**905**	**373**	**259**	196	157	125	
119	148	182	**234**	**324**	**682**	**324**	**234**	182	148	119	8x20
112	138	167	209	**278**	**546**	**278**	209	167	138	112	
104	125	148	180	**229**	**429**	**229**	180	148	125	104	
94	111	128	152	185	**329**	185	152	128	111	94	177

11x30
330

98	**118**	139	170	**215**	**341**	**215**	170	139	**118**	98
107	**131**	**158**	**198**	**261**	**341**	**261**	**198**	**158**	**131**	**107**
115	**143**	**170**	**208**	**263**	**341**	**263**	**208**	**170**	**143**	**115**
119	**143**	**170**	**208**	**263**	**341**	**263**	**208**	**170**	**143**	**119**
119	**143**	**170**	**208**	**263**	**341**	**263**	**208**	**170**	**143**	**119**
119	**143**	**170**	**208**	**263**	**341**	**263**	**208**	**170**	**143**	**119**
112	**138**	**167**	**208**	**263**	**341**	**263**	**208**	**167**	**138**	**112**
97	**125**	**148**	**180**	**229**	**341**	**229**	**180**	**148**	**125**	97
85	**111**	**128**	**152**	**185**	**329**	**185**	**152**	**128**	**111**	85

● F max. = 963 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0330-65°

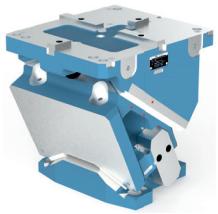
102	122	142	170	212	**395**	212	170	142	122	102	17
113	137	164	202	**264**	**508**	**264**	202	164	137	113	
122	151	183	**233**	**319**	**644**	**319**	**233**	183	151	122	
129	162	200	**260**	**371**	**847**	**371**	**260**	200	162	129	
133	167	206	**269**	**387**	**906**	**387**	**269**	206	167	133	
126	156	190	**242**	**334**	**681**	**334**	**242**	190	156	126	8x20
113	145	173	215	**283**	**539**	**283**	215	173	145	113	
96	129	151	182	**227**	**417**	**227**	182	151	129	96	
84	113	129	151	181	**316**	181	151	129	113	84	177

11x30
330

102	**122**	**142**	170	212	**390**	212	170	**142**	**122**	102
113	**137**	**164**	**202**	**264**	**390**	**264**	**202**	**164**	**137**	113
122	**151**	**183**	**233**	**303**	**390**	**303**	**233**	**183**	**151**	**122**
129	**162**	**196**	**238**	**303**	**390**	**303**	**238**	**196**	**162**	**129**
133	**166**	**196**	**238**	**303**	**390**	**303**	**238**	**196**	**166**	**133**
119	**156**	**190**	**238**	**303**	**390**	**303**	**238**	**190**	**156**	**119**
101	**145**	**173**	**215**	**283**	**390**	**283**	**215**	**173**	**145**	101
88	**129**	**151**	**182**	**227**	**390**	**227**	**182**	**151**	**129**	88
77	**113**	**129**	**151**	**181**	**316**	**181**	**151**	**129**	**113**	77

● F max. = 970 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

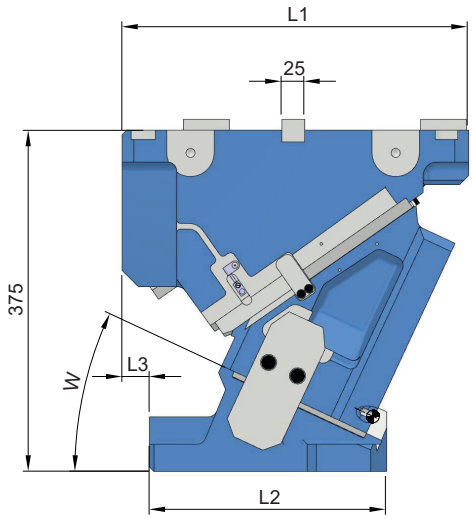


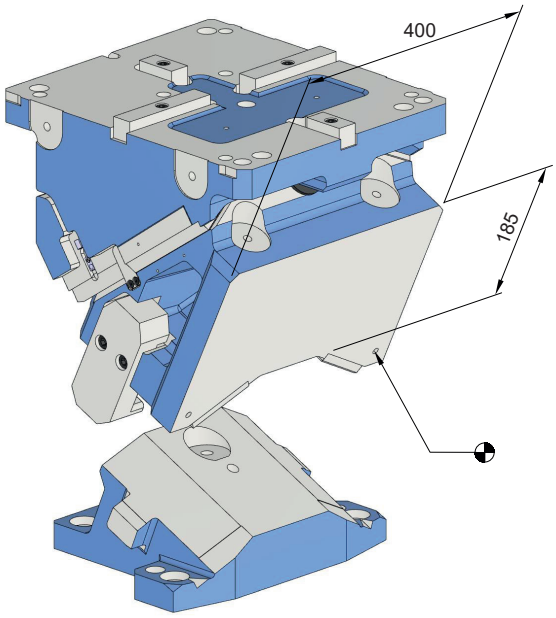
SN5650-PMOL-0400-

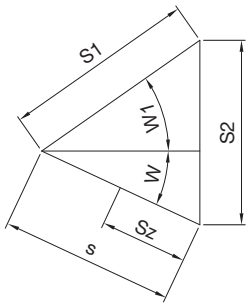
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	400 x 185 mm
Schieberbreite max.	*Cam unit width max.*	400 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1239 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



Pos. 2
Schieber ausgefahren
Cam is extended

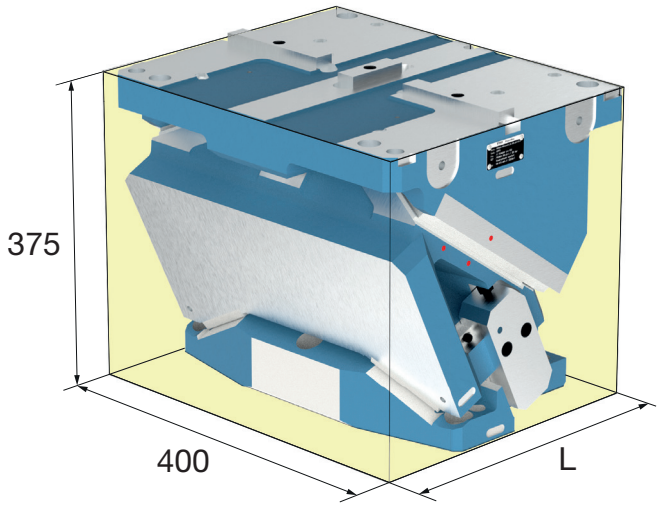
Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

D 1801D 06.2022

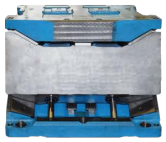
SN5650-PMOL-0400-

Oben hängender Schieber

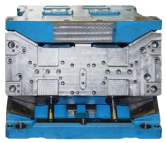
Aerial cam unit



E0



E1



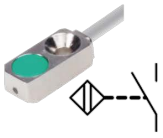
G0



S0



S1



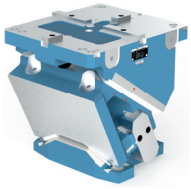
Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

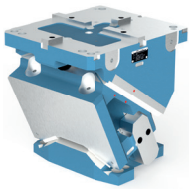
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E0-G0-S0-V04
0°	E0	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E0-G0-S1-V04
0°	E0	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E0-G1-S0-V04
0°	E0	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E0-G1-S1-V04
0°	E1	G0	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E1-G0-S0-V04
0°	E1	G0	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E1-G0-S1-V04
0°	E1	G1	S0	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E1-G1-S0-V04
0°	E1	G1	S1	355	47	35.5	52	38	21	355	290	65	SN5650-PMOL-0400-00-E1-G1-S1-V04
5°	E0	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E0-G0-S0-V04
5°	E0	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E0-G0-S1-V04
5°	E0	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E0-G1-S0-V04
5°	E0	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E0-G1-S1-V04
5°	E1	G0	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E1-G0-S0-V04
5°	E1	G0	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E1-G0-S1-V04
5°	E1	G1	S0	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E1-G1-S0-V04
5°	E1	G1	S1	362.5	45	36.9	52	40	26	355	290	65	SN5650-PMOL-0400-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	39.2	52	41.6	27	375	300	35	SN5650-PMOL-0400-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E1-G1-S0-V04

D 1801D 06.2022



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	375	40	41.2	52	44.1	27	375	300	35	SN5650-PMOL-0400-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	44.2	52	46.4	32	380	260	30	SN5650-PMOL-0400-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	47	52	49.7	37	380	260	30	SN5650-PMOL-0400-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	50.9	52	53	42	390	250	20	SN5650-PMOL-0400-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	49.7	47	52	42	390	250	20	SN5650-PMOL-0400-35-E1-G1-S1-V04
40°	E0	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E0-G0-S0-V04
40°	E0	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E0-G0-S1-V04
40°	E0	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E0-G1-S0-V04
40°	E0	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E0-G1-S1-V04
40°	E1	G0	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E1-G0-S0-V04
40°	E1	G0	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E1-G0-S1-V04
40°	E1	G1	S0	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E1-G1-S0-V04
40°	E1	G1	S1	385	27	54.7	47	56.5	42	385	230	5	SN5650-PMOL-0400-40-E1-G1-S1-V04
45°	E0	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E0-G0-S0-V04
45°	E0	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E0-G0-S1-V04
45°	E0	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E0-G1-S0-V04
45°	E0	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E0-G1-S1-V04
45°	E1	G0	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E1-G0-S0-V04
45°	E1	G0	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E1-G0-S1-V04
45°	E1	G1	S0	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E1-G1-S0-V04
45°	E1	G1	S1	385	25	60.2	47	62.5	47	385	230	5	SN5650-PMOL-0400-45-E1-G1-S1-V04
50°	E0	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E0-G0-S0-V04
50°	E0	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E0-G0-S1-V04
50°	E0	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E0-G1-S0-V04
50°	E0	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E0-G1-S1-V04
50°	E1	G0	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E1-G0-S0-V04
50°	E1	G0	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E1-G0-S1-V04

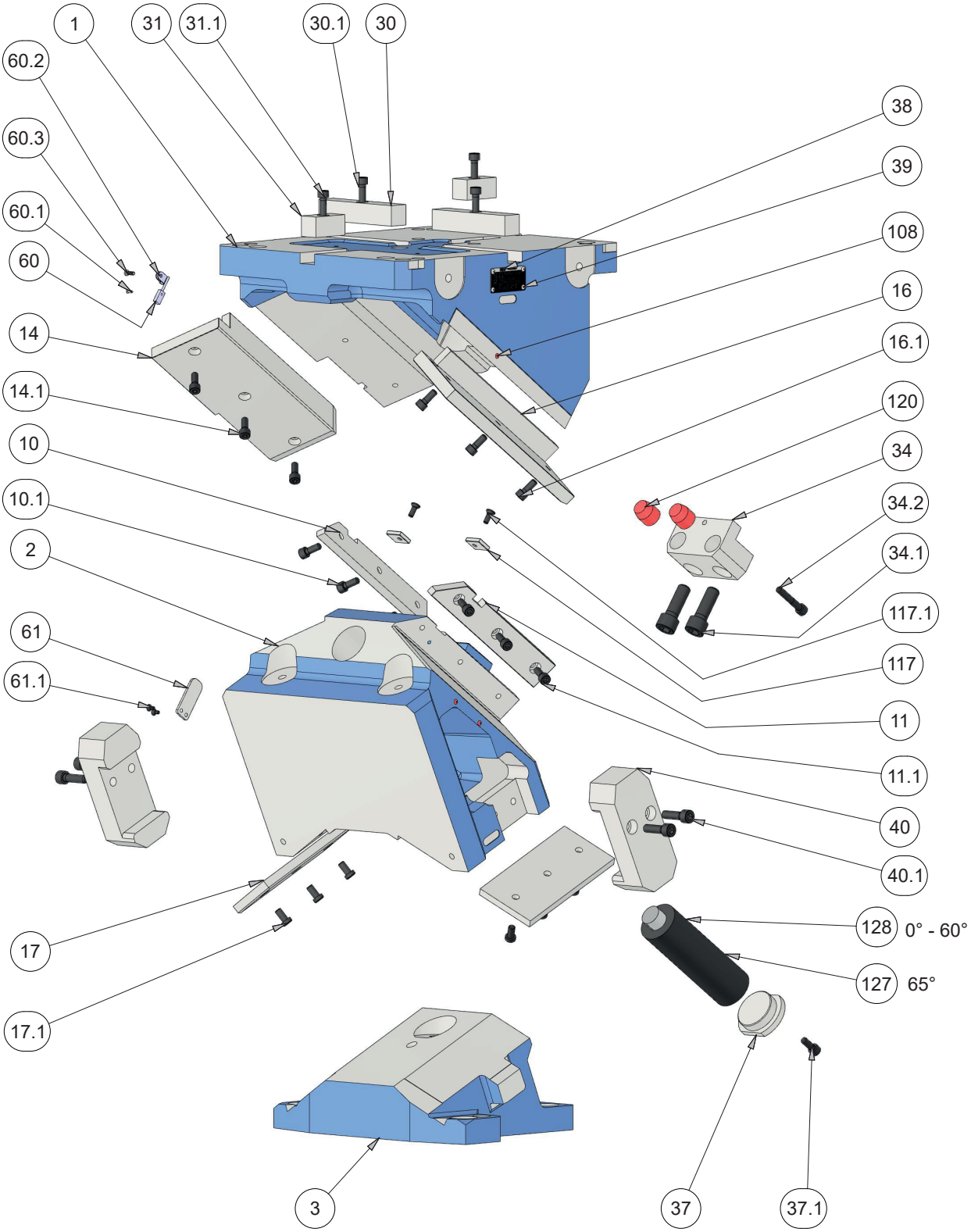
D 1801D 06.2022



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E1-G1-S0-V04
50°	E1	G1	S1	400	22	67.8	47	69.5	52	390	215	10	SN5650-PMOL-0400-50-E1-G1-S1-V04
55°	E0	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E0-G0-S0-V04
55°	E0	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E0-G0-S1-V04
55°	E0	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E0-G1-S0-V04
55°	E0	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E0-G1-S1-V04
55°	E1	G0	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E1-G0-S0-V04
55°	E1	G0	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E1-G0-S1-V04
55°	E1	G1	S0	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E1-G1-S0-V04
55°	E1	G1	S1	400	20	68.8	42	70.7	52	390	215	10	SN5650-PMOL-0400-55-E1-G1-S1-V04
60°	E0	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E0-G0-S0-V04
60°	E0	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E0-G0-S1-V04
60°	E0	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E0-G1-S0-V04
60°	E0	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E0-G1-S1-V04
60°	E1	G0	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E1-G0-S0-V04
60°	E1	G0	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E1-G0-S1-V04
60°	E1	G1	S0	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E1-G1-S0-V04
60°	E1	G1	S1	410	17	70.8	37	72.1	32	385	190	25	SN5650-PMOL-0400-60-E1-G1-S1-V04
65°	E0	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E0-G0-S0-V04
65°	E0	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E0-G0-S1-V04
65°	E0	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E0-G1-S0-V04
65°	E0	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E0-G1-S1-V04
65°	E1	G0	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E1-G0-S0-V04
65°	E1	G0	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E1-G0-S1-V04
65°	E1	G1	S0	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E1-G1-S0-V04
65°	E1	G1	S1	410	15	73.1	32	74.6	32	385	190	25	SN5650-PMOL-0400-65-E1-G1-S1-V04

SN5650-PMOL-0400-

Bauteile
Components



Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

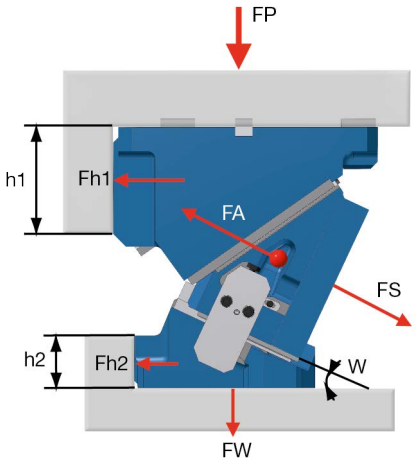
D 1801D 06.2022

SN5650-PMOL-0400-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1239	1166	1239	1166	0	192	20	36
05°	1310	1239	1205	1119	94	181	34	44
10°	1381	1312	1171	1072	189	170	48	52
15°	1387	1323	1083	965	251	160	48	58
20°	1392	1334	996	858	312	150	48	63
25°	1471	1414	961	789	364	140	48	68
30°	1549	1495	925	721	416	130	48	72
35°	1603	1553	869	633	437	125	52	71
40°	1657	1610	812	545	457	120	56	69
45°	1702	1659	747	457	449	110	64	67
50°	1747	1708	682	370	441	100	72	65
55°	1813	1778	620	295	411	95	89	60
60°	1878	1847	557	221	382	90	106	54
65°	1874	1841	486	143	306	90	104	59



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	929	877	929	877	0	192	25	36
05°	983	931	904	841	71	181	43	44
10°	1036	986	878	806	142	170	60	52
15°	1040	994	812	726	189	160	60	58
20°	1044	1002	746	645	235	150	60	63
25°	1103	1063	720	594	274	140	60	68
30°	1162	1123	693	542	313	130	60	72
35°	1202	1166	650	476	329	125	65	71
40°	1243	1209	608	410	344	120	70	69
45°	1277	1246	559	344	338	110	80	67
50°	1310	1282	510	279	332	100	90	65
55°	1359	1334	463	223	310	95	111	60
60°	1409	1386	416	166	288	90	132	54
65°	1406	1382	363	108	231	90	130	59

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-0°

107	139	171	214	295	**627**	295	214	171	139	107	25
112	146	182	231	**325**	**733**	**325**	231	182	146	112	
115	152	192	247	**349**	**851**	**349**	247	192	152	115	
118	158	200	261	**374**	**1014**	**374**	261	200	158	118	
121	163	209	276	**400**	**1218**	**400**	276	209	163	121	8x20
121	161	205	269	**386**	**1088**	**386**	269	205	161	121	185
118	156	197	254	**361**	**910**	**361**	254	197	156	118	
114	150	188	240	**337**	**777**	**337**	240	188	150	114	
111	144	178	224	**313**	**677**	**313**	224	178	144	111	

42,5 — 9x35 — 42,5

400

81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**
81	**92**	**103**	**116**	**133**	**156**	**133**	**116**	**103**	**92**	**81**

● F max. = 1239 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-5°

109	140	177	220	303	**638**	303	220	177	140	109	25
114	148	188	239	**336**	**751**	**336**	239	188	148	114	
117	154	199	256	**364**	**875**	**364**	256	199	154	117	
120	160	208	271	**394**	**1048**	**394**	271	208	160	120	
121	165	217	287	**423**	**1289**	**423**	287	217	165	121	8x20
121	163	213	279	**406**	**1124**	**406**	279	213	163	121	185
120	158	204	263	**377**	**931**	**377**	263	204	158	120	
116	152	194	247	**348**	**793**	**348**	247	194	152	116	
113	146	184	230	320	**687**	320	230	184	146	113	

42,5 — 9x35 — 42,5

400

76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**
76	**88**	**102**	**117**	**139**	**171**	**139**	**117**	**102**	**88**	**76**

● F max. = 1310 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-10°

111	141	182	226	310	**648**	310	226	182	141	111	25
116	150	194	246	**346**	**768**	**346**	246	194	150	116	
119	156	205	264	**379**	**898**	**379**	264	205	156	119	
121	162	215	281	**413**	**1082**	**413**	281	215	162	121	
121	167	225	298	**446**	**1360**	**446**	298	225	167	121	8x20
121	165	220	288	**426**	**1159**	**426**	288	220	165	121	185
121	159	210	271	**392**	**952**	**392**	271	210	159	121	
118	153	200	254	**359**	**808**	**359**	254	200	153	118	
114	147	189	236	327	**696**	327	236	189	147	114	

42,5 — 9x35 — 42,5

400

71	**84**	**100**	**118**	**145**	**185**	**145**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**
71	**84**	**100**	**118**	**144**	**185**	**144**	**118**	**100**	**84**	**71**

● F max. = 1381 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-15°

114	145	183	227	305	**654**	305	227	183	145	114	25
116	155	197	250	**348**	**795**	**348**	250	197	155	116	
118	158	209	270	**386**	**946**	**386**	270	209	158	118	
119	161	220	289	**425**	**1163**	**425**	289	220	161	119	
119	164	228	305	**451**	**1375**	**451**	305	228	164	119	8x20
119	163	221	290	**424**	**1150**	**424**	290	221	163	119	185
119	160	210	271	**386**	**937**	**386**	271	210	160	119	
117	156	198	251	**348**	**787**	**348**	251	198	156	117	
115	148	186	231	310	**664**	310	231	186	148	115	

42,5 — 9x35 — 42,5

400

73	**87**	**103**	**123**	**154**	**203**	**154**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**
73	**87**	**103**	**123**	**153**	**203**	**153**	**123**	**103**	**87**	**73**

● F max. = 1387 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-20°

116	148	183	227	299	**660**	299	227	183	148	116	25
116	159	199	254	**349**	**821**	**349**	254	199	159	116	
116	160	213	276	**393**	**994**	**393**	276	213	160	116	
116	160	225	297	**436**	**1244**	**436**	297	225	160	116	
116	160	231	312	**456**	**1389**	**456**	312	231	160	116	8x20
116	160	222	291	**422**	**1141**	**422**	291	222	160	116	
116	160	210	270	**379**	**922**	**379**	270	210	160	116	
116	158	196	248	336	**766**	336	248	196	158	116	
116	148	182	225	293	**632**	293	225	182	148	116	185

42,5 — 9x35 — 42,5

400

75	90	105	128	162	**221**	162	128	105	90	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	127	161	**221**	161	127	105	89	75
75	89	105	128	162	**221**	162	128	105	89	75

● F max. = 1392 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-25°

119	150	187	233	306	**674**	306	233	187	150	119	25
120	161	204	261	**359**	**844**	**359**	261	204	161	120	
120	165	219	284	**405**	**1033**	**405**	284	219	165	120	
120	165	231	306	**451**	**1324**	**451**	306	231	165	120	
120	165	234	313	**457**	**1357**	**457**	313	234	165	120	8x20
120	165	223	290	**416**	**1084**	**416**	290	223	165	120	
120	162	210	268	**371**	**880**	**371**	268	210	162	120	
120	156	194	244	326	**725**	326	244	194	156	120	
116	145	179	221	283	**595**	283	221	179	145	116	185

42,5 — 9x35 — 42,5

400

90	107	125	150	186	**244**	186	150	125	107	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	149	185	**244**	185	149	125	106	90
90	106	125	150	186	**244**	186	150	125	106	90

● F max. = 1471 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-30°

121	151	190	238	313	**688**	313	238	190	151	121	25
124	163	209	267	**368**	**866**	**368**	267	209	163	124	
124	169	224	291	**416**	**1071**	**416**	291	224	169	124	
124	169	237	315	**465**	**1403**	**465**	315	237	169	124	
124	169	237	313	**458**	**1324**	**458**	313	237	169	124	8x20
124	169	224	289	**410**	**1026**	**410**	289	224	169	124	
124	164	209	265	**363**	**837**	**363**	265	209	164	124	
123	153	192	240	315	**683**	315	240	192	153	123	
116	142	175	216	273	**557**	273	216	175	142	116	185

42,5 — 9x35 — 42,5

400

105	123	145	171	209	**266**	209	171	145	123	105
105	123	144	170	208	**266**	208	170	144	123	105
105	123	144	170	208	**266**	208	170	144	123	105
105	123	144	170	208	**266**	208	170	144	123	105
105	123	144	170	208	**266**	208	170	144	123	105
105	123	144	170	208	**266**	208	170	144	123	105
105	123	144	170	208	**266**	208	170	144	123	105
105	123	145	171	209	**266**	209	171	145	123	105
105	123	145	172	209	**266**	209	172	145	123	105

● F max. = 1549 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-35°

127	159	195	243	313	**665**	313	243	195	159	127	25
129	172	217	276	**372**	**844**	**372**	276	217	172	129	
129	175	234	304	**426**	**1041**	**426**	304	234	175	129	
129	175	250	331	**480**	**1342**	**480**	331	250	175	129	
129	175	252	342	**501**	**1482**	**501**	342	252	175	129	8x20
129	175	245	321	**456**	**1165**	**456**	321	245	175	129	
129	173	229	294	**404**	**933**	**404**	294	229	173	129	
128	167	211	266	351	**761**	351	266	211	167	128	
125	158	192	238	302	**617**	302	238	192	158	125	185

42,5 — 9x35 — 42,5

400

113	133	157	188	231	**296**	231	188	157	133	113
113	133	156	187	230	**296**	230	187	156	133	113
113	133	156	187	229	**296**	229	187	156	133	113
113	133	156	187	229	**296**	229	187	156	133	113
113	133	156	187	229	**296**	229	187	156	133	113
113	133	156	187	229	**296**	229	187	156	133	113
113	133	156	187	229	**296**	229	187	156	133	113
113	133	157	187	230	**296**	230	187	157	133	113
113	133	157	189	231	**296**	231	189	157	133	113

● F max. = 1603 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-40°

133	166	199	248	313	**642**	313	248	199	166	133	25
133	181	224	285	376	**822**	376	285	224	181	133	
133	181	244	317	**435**	**1011**	**435**	317	244	181	133	
133	181	262	347	**494**	**1280**	**494**	347	262	181	133	
133	181	266	371	**544**	**1640**	**544**	371	266	181	133	8x20
133	181	265	352	**501**	**1303**	**501**	352	265	181	133	
133	181	249	323	**444**	**1028**	**444**	323	249	181	133	
133	181	229	292	386	**838**	386	292	229	181	133	
133	173	208	260	330	**676**	330	260	208	173	133	185

121	**142**	**168**	**205**	**252**	**326**	**252**	**205**	**168**	**142**	**121**
121	**142**	**168**	**204**	**251**	**326**	**251**	**204**	**168**	**142**	**121**
121	**142**	**168**	**203**	**250**	**326**	**250**	**203**	**168**	**142**	**121**
121	**142**	**168**	**203**	**250**	**326**	**250**	**203**	**168**	**142**	**121**
121	**142**	**168**	**203**	**250**	**326**	**250**	**203**	**168**	**142**	**121**
121	**142**	**168**	**203**	**250**	**326**	**250**	**203**	**168**	**142**	**121**
121	**142**	**168**	**203**	**250**	**326**	**250**	**203**	**168**	**142**	**121**
121	**142**	**168**	**205**	**252**	**326**	**252**	**205**	**168**	**142**	**121**

42,5 | 9x35 | 42,5
400

● F max. = 1657 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-45°

141	172	204	253	318	**639**	318	253	204	172	141	25
145	189	231	293	386	**826**	386	293	231	189	145	
145	196	253	329	**449**	**1020**	**449**	329	253	196	145	
145	196	272	362	**512**	**1293**	**512**	362	272	196	145	
145	196	284	391	**573**	**1685**	**573**	391	284	196	145	8x20
145	196	276	367	**520**	**1316**	**520**	367	276	196	145	
145	196	258	335	**458**	**1037**	**458**	335	258	196	145	
145	192	237	301	396	**843**	396	301	237	192	145	
145	179	214	266	336	**674**	336	266	214	179	145	185

119	**141**	**169**	**211**	**270**	**369**	**270**	**211**	**169**	**141**	**119**
119	**141**	**169**	**210**	**269**	**369**	**269**	**210**	**169**	**141**	**119**
119	**141**	**169**	**210**	**268**	**369**	**268**	**210**	**169**	**141**	**119**
119	**141**	**169**	**210**	**268**	**369**	**268**	**210**	**169**	**141**	**119**
119	**141**	**169**	**210**	**268**	**369**	**268**	**210**	**169**	**141**	**119**
119	**141**	**169**	**210**	**268**	**369**	**268**	**210**	**169**	**141**	**119**
119	**141**	**169**	**210**	**268**	**369**	**268**	**210**	**169**	**141**	**119**
119	**141**	**169**	**210**	**268**	**369**	**268**	**210**	**169**	**141**	**119**
119	**141**	**169**	**211**	**270**	**369**	**270**	**211**	**169**	**141**	**119**

42,5 | 9x35 | 42,5
400

● F max. = 1702 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-50°

149	177	209	257	323	**635**	323	257	209	177	149	25
157	197	238	301	395	**830**	395	301	238	197	157	
157	210	262	340	**462**	**1028**	**462**	340	262	210	157	
157	210	282	376	**530**	**1305**	**530**	376	282	210	157	
157	210	302	410	**602**	**1730**	**602**	410	302	210	157	8x20
157	210	287	381	**539**	**1329**	**539**	381	287	210	157	
157	210	267	347	**472**	**1045**	**472**	347	267	210	157	
157	202	245	310	406	**847**	406	310	245	202	157	
156	185	220	271	342	**672**	342	271	220	185	156	185

117	**139**	**170**	**216**	**288**	**411**	**288**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**286**	**411**	**286**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**285**	**411**	**285**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**285**	**411**	**285**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**285**	**411**	**285**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**285**	**411**	**285**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**285**	**411**	**285**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**286**	**411**	**286**	**216**	**170**	**139**	**117**
117	**139**	**170**	**216**	**288**	**411**	**288**	**216**	**170**	**139**	**117**

42,5 | 9x35 | 42,5
400

● F max. = 1747 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-55°

164	192	225	273	342	**656**	342	273	225	192	164	25
176	215	258	323	422	**864**	422	323	258	215	176	
176	232	285	366	**496**	**1072**	**496**	366	285	232	176	
176	235	308	405	**571**	**1362**	**571**	405	308	235	176	
176	235	331	442	**646**	**1801**	**646**	442	331	235	176	8x20
176	235	312	410	**578**	**1379**	**578**	410	312	235	176	
176	234	290	372	**504**	**1085**	**504**	372	290	234	176	
175	220	264	331	431	**877**	431	331	264	220	175	
157	200	236	287	360	**692**	360	287	236	200	157	185

148	**173**	**206**	**253**	**325**	**476**	**325**	**253**	**206**	**173**	**148**
153	**180**	**216**	**268**	**349**	**476**	**349**	**268**	**216**	**180**	**153**
153	**180**	**216**	**268**	**347**	**476**	**347**	**268**	**216**	**180**	**153**
153	**180**	**216**	**268**	**347**	**476**	**347**	**268**	**216**	**180**	**153**
153	**180**	**216**	**268**	**347**	**476**	**347**	**268**	**216**	**180**	**153**
153	**180**	**216**	**268**	**347**	**476**	**347**	**268**	**216**	**180**	**153**
153	**180**	**216**	**268**	**347**	**476**	**347**	**268**	**216**	**180**	**153**
141	**180**	**216**	**268**	**348**	**476**	**348**	**268**	**216**	**180**	**141**
128	**174**	**211**	**259**	**333**	**476**	**333**	**259**	**211**	**174**	**128**

42,5 | 9x35 | 42,5
400

● F max. = 1813 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-60°

178	206	241	289	361	**676**	361	289	241	206	178	25
194	233	278	344	448	**898**	448	344	278	233	194	
194	254	308	392	**529**	**1116**	**529**	392	308	254	194	
194	259	334	434	**611**	**1418**	**611**	434	334	259	194	
194	259	359	**473**	**689**	**1872**	**689**	**473**	359	259	194	8x20
194	259	337	439	**616**	**1428**	**616**	439	337	259	194	
194	257	312	396	**536**	**1124**	**536**	396	312	257	194	
192	237	283	351	456	**907**	456	351	283	237	192	
158	214	251	302	378	**712**	378	302	251	214	158	185

42,5 — 9x35 — 42,5

400

178	**206**	**241**	**289**	**361**	**541**	**361**	**289**	**241**	**206**	**178**
188	**220**	**261**	**320**	**411**	**541**	**411**	**320**	**261**	**220**	**188**
188	**220**	**261**	**320**	**409**	**541**	**409**	**320**	**261**	**220**	**188**
188	**220**	**261**	**320**	**409**	**541**	**409**	**320**	**261**	**220**	**188**
188	**220**	**261**	**320**	**409**	**541**	**409**	**320**	**261**	**220**	**188**
188	**220**	**261**	**320**	**409**	**541**	**409**	**320**	**261**	**220**	**188**
188	**220**	**261**	**320**	**409**	**541**	**409**	**320**	**261**	**220**	**188**
164	**220**	**261**	**320**	**410**	**541**	**410**	**320**	**261**	**220**	**164**
138	**209**	**251**	**302**	**378**	**541**	**378**	**302**	**251**	**209**	138

● F max. = 1878 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-65°

182	210	243	288	344	428	344	288	243	210	182	25
205	240	284	348	405	**521**	405	348	284	240	205	
223	264	319	400	**502**	**683**	**502**	400	319	264	223	
228	284	347	447	**626**	**1241**	**626**	447	347	284	228	
228	301	373	**488**	**706**	**1842**	**706**	**488**	373	301	228	8x20
228	284	346	442	**614**	**1354**	**614**	442	346	284	228	
223	264	317	397	**529**	**1068**	**529**	397	317	264	223	
185	241	283	344	439	**845**	439	344	283	241	185	
152	215	248	293	358	**655**	358	293	248	215	152	185

42,5 — 9x35 — 42,5

400

183	**210**	**243**	**288**	**344**	**428**	**344**	**288**	**243**	**210**	183
205	**240**	**284**	**348**	**405**	**521**	**405**	**348**	**284**	**240**	**205**
218	**255**	**301**	**368**	**471**	**619**	**471**	**368**	**301**	**255**	**218**
218	**255**	**301**	**368**	**471**	**619**	**471**	**368**	**301**	**255**	**218**
218	**255**	**301**	**368**	**471**	**619**	**471**	**368**	**301**	**255**	**218**
218	**255**	**301**	**368**	**471**	**619**	**471**	**368**	**301**	**255**	**218**
198	**255**	**301**	**368**	**471**	**619**	**471**	**368**	**301**	**255**	**198**
161	**241**	**283**	**344**	**439**	**619**	**439**	**344**	**283**	**241**	161
136	**207**	**248**	**293**	**358**	**619**	**358**	**293**	**248**	**207**	136

● F max. = 1874 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-0°

80	104	128	161	221	**470**	221	161	128	104	80
84	110	137	173	**244**	**550**	**244**	173	137	110	84
86	114	144	185	**262**	**638**	**262**	185	144	114	86
89	119	150	196	**281**	**761**	**281**	196	150	119	89
91	122	157	207	**300**	**914**	**300**	207	157	122	91
91	121	154	202	**290**	**816**	**290**	202	154	121	91
89	117	148	191	**271**	**683**	**271**	191	148	117	89
86	113	141	180	**253**	**583**	**253**	180	141	113	86
83	108	134	168	**235**	**508**	**235**	168	134	108	83

25 · 8x20 · 185

42,5 | 9x35 | 42,5 — 400

61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**
61	**69**	**77**	**87**	**100**	**117**	**100**	**87**	**77**	**69**	**61**

● F max. = 929 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-5°

82	105	132	165	227	**478**	227	165	132	105	82
86	111	141	179	**252**	**563**	**252**	179	141	111	86
88	116	149	192	**273**	**656**	**273**	192	149	116	88
90	120	156	203	**295**	**786**	**295**	203	156	120	90
91	124	163	215	**317**	**967**	**317**	215	163	124	91
91	122	159	209	**305**	**843**	**305**	209	159	122	91
90	118	153	197	**282**	**698**	**282**	197	153	118	90
87	114	146	185	**261**	**594**	**261**	185	146	114	87
84	109	138	173	240	**515**	240	173	138	109	84

25 · 8x20 · 185

42,5 | 9x35 | 42,5 — 400

57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**
57	**66**	**76**	**88**	**104**	**128**	**104**	**88**	**76**	**66**	**57**

● F max. = 983 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-10°

83	106	137	170	233	**486**	233	170	137	106	83
87	113	146	185	**260**	**576**	**260**	185	146	113	87
89	117	154	198	**284**	**674**	**284**	198	154	117	89
91	122	161	211	**310**	**812**	**310**	211	161	122	91
91	125	169	224	**335**	**1020**	**335**	224	169	125	91
91	124	165	216	**320**	**869**	**320**	216	165	124	91
91	119	158	203	**294**	**714**	**294**	203	158	119	91
89	115	150	191	**269**	**606**	**269**	191	150	115	89
86	110	142	177	245	**522**	245	177	142	110	86

25 · 8x20 · 185

42,5 | 9x35 | 42,5 — 400

53	**63**	**75**	**89**	**109**	**139**	**109**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**
53	**63**	**75**	**89**	**108**	**139**	**108**	**89**	**75**	**63**	**53**

● F max. = 1036 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-15°

85	108	137	170	228	**491**	228	170	137	108	85
87	116	147	188	**261**	**596**	**261**	188	147	116	87
88	119	157	203	**290**	**710**	**290**	203	157	119	88
89	121	165	217	**318**	**872**	**318**	217	165	121	89
89	123	171	229	**338**	**1031**	**338**	229	171	123	89
89	122	166	217	**318**	**863**	**318**	217	166	122	89
89	120	158	203	**289**	**703**	**289**	203	158	120	89
88	117	149	188	**261**	**590**	**261**	188	149	117	88
86	111	139	173	233	**498**	233	173	139	111	86

25 · 8x20 · 185

42,5 | 9x35 | 42,5 — 400

55	**65**	**77**	**92**	**115**	**152**	**115**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**114**	**152**	**114**	**92**	**77**	**65**	**55**
55	**65**	**77**	**92**	**115**	**152**	**115**	**92**	**77**	**65**	**55**

● F max. = 1040 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-20°

87	111	137	170	224	**495**	224	170	137	111	87	25
87	119	149	191	**262**	**616**	**262**	191	149	119	87	
87	120	160	207	**295**	**746**	**295**	207	160	120	87	
87	120	169	223	**327**	**933**	**327**	223	169	120	87	
87	120	173	234	**342**	**1042**	**342**	234	173	120	87	8x20
87	120	167	218	**317**	**856**	**317**	218	167	120	87	185
87	120	158	203	**284**	**692**	**284**	203	158	120	87	
87	119	147	186	252	**575**	252	186	147	119	87	
87	111	137	169	220	**474**	220	169	137	111	87	

42,5 — 9x35 — 42,5

400

56	68	79	96	122	**166**	122	96	79	68	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	95	121	**166**	121	95	79	67	56
56	67	79	96	122	**166**	122	96	79	67	56

● F max. = 1044 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-25°

89	112	140	174	230	**506**	230	174	140	112	89	25
90	121	153	195	**269**	**633**	**269**	195	153	121	90	
90	123	164	213	**303**	**774**	**303**	213	164	123	90	
90	123	173	230	**338**	**993**	**338**	230	173	123	90	
90	123	176	234	**343**	**1017**	**343**	234	176	123	90	8x20
90	123	167	218	**312**	**813**	**312**	218	167	123	90	185
90	122	157	201	**278**	**660**	**278**	201	157	122	90	
90	117	146	183	244	**543**	244	183	146	117	90	
87	109	134	165	212	**446**	212	165	134	109	87	

42,5 — 9x35 — 42,5

400

68	80	94	112	139	**183**	139	112	94	80	68
68	80	93	111	138	**183**	138	111	93	80	68
68	80	93	111	138	**183**	138	111	93	80	68
68	80	93	111	138	**183**	138	111	93	80	68
68	80	93	111	138	**183**	138	111	93	80	68
68	80	93	111	138	**183**	138	111	93	80	68
68	80	93	111	138	**183**	138	111	93	80	68
68	80	94	112	139	**183**	139	112	94	80	68
68	80	94	113	139	**183**	139	113	94	80	68

● F max. = 1103 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-30°

91	113	143	179	235	**516**	235	179	143	113	91	25
93	122	157	200	**276**	**650**	**276**	200	157	122	93	
93	127	168	218	**312**	**803**	**312**	218	168	127	93	
93	127	178	236	**349**	**1052**	**349**	236	178	127	93	
93	127	178	235	**344**	**993**	**344**	235	178	127	93	8x20
93	127	168	217	**308**	**770**	**308**	217	168	127	93	185
93	123	157	199	**272**	**628**	**272**	199	157	123	93	
92	115	144	180	236	**512**	236	180	144	115	92	
87	107	131	162	205	**418**	205	162	131	107	87	

42,5 — 9x35 — 42,5

400

79	92	109	128	157	**200**	157	128	109	92	79
79	92	108	128	156	**200**	156	128	108	92	79
79	92	108	128	156	**200**	156	128	108	92	79
79	92	108	128	156	**200**	156	128	108	92	79
79	92	108	128	156	**200**	156	128	108	92	79
79	92	108	128	156	**200**	156	128	108	92	79
79	92	108	128	156	**200**	156	128	108	92	79
79	92	109	128	157	**200**	157	128	109	92	79
79	92	109	129	157	**200**	157	129	109	92	79

● F max. = 1162 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-35°

95	119	146	182	235	**499**	235	182	146	119	95	25
96	129	162	207	**279**	**633**	**279**	207	162	129	96	
96	131	176	228	**319**	**781**	**319**	228	176	131	96	
96	131	187	248	**360**	**1006**	**360**	248	187	131	96	
96	131	189	257	**376**	**1112**	**376**	257	189	131	96	8x20
96	131	183	240	**342**	**873**	**342**	240	183	131	96	185
96	129	172	221	**303**	**699**	**303**	221	172	129	96	
96	125	158	200	263	**570**	263	200	158	125	96	
93	118	144	179	226	**462**	226	179	144	118	93	

42,5 — 9x35 — 42,5

400

85	99	117	141	173	**222**	173	141	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	140	172	**222**	172	140	117	99	85
85	99	117	141	173	**222**	173	141	117	99	85

● F max. = 1202 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-40°

100	125	149	186	235	**482**	235	186	149	125	100	25
100	136	168	214	282	**617**	282	214	168	136	100	
100	136	183	238	**326**	**758**	**326**	238	183	136	100	
100	136	197	260	**371**	**960**	**371**	260	197	136	100	
100	136	200	278	**408**	**1230**	**408**	278	200	136	100	8x20
100	136	199	264	**376**	**977**	**376**	264	199	136	100	
100	136	187	242	**333**	**771**	**333**	242	187	136	100	
100	136	172	219	290	**629**	290	219	172	136	100	
100	130	156	195	248	**507**	248	195	156	130	100	185

42,5 — 9x35 — 42,5

400

91	107	126	154	189	245	189	154	126	107	91
91	107	126	153	188	245	188	153	126	107	91
91	107	126	152	188	245	188	152	126	107	91
91	107	126	152	188	245	188	152	126	107	91
91	107	126	152	188	245	188	152	126	107	91
91	107	126	152	188	245	188	152	126	107	91
91	107	126	152	188	245	188	152	126	107	91
91	107	126	154	189	245	189	154	126	107	91

● F max. = 1243 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-45°

106	129	153	189	239	**479**	239	189	153	129	106	25
109	142	173	220	289	**620**	289	220	173	142	109	
109	147	190	246	**336**	**765**	**336**	246	190	147	109	
109	147	204	271	**384**	**969**	**384**	271	204	147	109	
109	147	213	293	**430**	**1264**	**430**	293	213	147	109	8x20
109	147	207	275	**390**	**987**	**390**	275	207	147	109	
109	147	194	251	**344**	**777**	**344**	251	194	147	109	
109	144	178	226	297	**632**	297	226	178	144	109	
108	134	161	199	252	**506**	252	199	161	134	108	185

42,5 — 9x35 — 42,5

400

89	105	127	158	203	276	203	158	127	105	89
89	105	127	158	201	276	201	158	127	105	89
89	105	127	157	201	276	201	157	127	105	89
89	105	127	157	201	276	201	157	127	105	89
89	105	127	157	201	276	201	157	127	105	89
89	105	127	157	201	276	201	157	127	105	89
89	105	127	157	201	276	201	157	127	105	89
89	105	127	157	201	276	201	157	127	105	89
89	105	127	158	203	276	203	158	127	105	89

● F max. = 1277 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-50°

112	133	157	193	242	**476**	242	193	157	133	112	25
118	148	179	226	296	**623**	296	226	179	148	118	
118	158	197	255	**347**	**771**	**347**	255	197	158	118	
118	158	212	282	**398**	**979**	**398**	282	212	158	118	
118	158	227	308	**452**	**1298**	**452**	308	227	158	118	8x20
118	158	215	286	**404**	**997**	**404**	286	215	158	118	
118	158	200	260	**354**	**784**	**354**	260	200	158	118	
118	152	184	233	305	**635**	305	233	184	152	118	
117	139	165	203	257	**504**	257	203	165	139	117	185

42,5 — 9x35 — 42,5

400

88	104	128	162	216	308	216	162	128	104	88
88	104	128	162	215	308	215	162	128	104	88
88	104	128	162	214	308	214	162	128	104	88
88	104	128	162	214	308	214	162	128	104	88
88	104	128	162	214	308	214	162	128	104	88
88	104	128	162	214	308	214	162	128	104	88
88	104	128	162	214	308	214	162	128	104	88
88	104	128	162	215	308	215	162	128	104	88
88	104	128	162	216	308	216	162	128	104	88

● F max. = 1310 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-55°

123	144	169	205	257	**492**	257	205	169	144	123	25
132	161	194	242	316	**648**	316	242	194	161	132	
132	174	214	275	**372**	**804**	**372**	275	214	174	132	
132	176	231	304	**428**	**1021**	**428**	304	231	176	132	
132	176	248	331	**484**	**1351**	**484**	331	248	176	132	8x20
132	176	234	308	**433**	**1034**	**433**	308	234	176	132	
132	175	217	279	**378**	**813**	**378**	279	217	175	132	
131	165	198	248	323	**658**	323	248	198	165	131	
118	150	177	215	270	**519**	270	215	177	150	118	185

42,5 — 9x35 — 42,5

400

111	129	154	189	243	357	243	189	154	129	111
114	135	162	201	261	357	261	201	162	135	114
114	135	162	201	260	357	260	201	162	135	114
114	135	162	201	260	357	260	201	162	135	114
114	135	162	201	260	357	260	201	162	135	114
114	135	162	201	260	357	260	201	162	135	114
114	135	162	201	260	357	260	201	162	135	114
105	135	162	201	261	357	261	201	162	135	105
96	131	158	194	250	357	250	194	158	131	96

● F max. = 1359 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0400-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0400-60°

134	155	181	217	271	**507**	271	217	181	155	134	25
146	175	209	258	336	**674**	336	258	209	175	146	
146	191	231	294	**397**	**837**	**397**	294	231	191	146	
146	194	251	326	**458**	**1064**	**458**	326	251	194	146	
146	194	269	**355**	**517**	**1404**	**517**	**355**	269	194	146	8x20
146	194	253	329	**462**	**1071**	**462**	329	253	194	146	
146	193	234	297	**402**	**843**	**402**	297	234	193	146	
144	178	212	263	342	**680**	342	263	212	178	144	
119	161	188	227	284	**534**	284	227	188	161	119	185

42,5 | 9x35 | 42,5

400

134	**155**	**181**	**217**	**271**	**406**	**271**	**217**	**181**	**155**	**134**
141	**165**	**196**	**240**	**308**	**406**	**308**	**240**	**196**	**165**	**141**
141	**165**	**196**	**240**	**307**	**406**	**307**	**240**	**196**	**165**	**141**
141	**165**	**196**	**240**	**307**	**406**	**307**	**240**	**196**	**165**	**141**
141	**165**	**196**	**240**	**307**	**406**	**307**	**240**	**196**	**165**	**141**
141	**165**	**196**	**240**	**307**	**406**	**307**	**240**	**196**	**165**	**141**
141	**165**	**196**	**240**	**307**	**406**	**307**	**240**	**196**	**165**	**141**
123	**165**	**196**	**240**	**308**	**406**	**308**	**240**	**196**	**165**	**123**
104	**157**	**188**	**227**	**284**	**406**	**284**	**227**	**188**	**157**	104

● F max. = 1409 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0400-65°

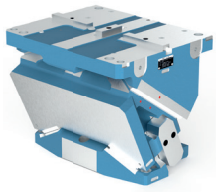
137	158	182	216	258	321	258	216	182	158	137	25
154	180	213	261	304	**391**	304	261	213	180	154	
167	198	239	300	**377**	**512**	**377**	300	239	198	167	
171	213	260	335	**470**	**931**	**470**	335	260	213	171	
171	226	280	**366**	**530**	**1382**	**530**	**366**	280	226	171	8x20
171	213	260	332	**461**	**1016**	**461**	332	260	213	171	
167	198	238	298	**397**	**801**	**397**	298	238	198	167	
139	181	212	258	329	**634**	329	258	212	181	139	
114	161	186	220	269	**491**	269	220	186	161	114	185

42,5 | 9x35 | 42,5

400

137	**158**	**182**	**216**	**258**	**321**	**258**	**216**	**182**	**158**	137
154	**180**	**213**	**261**	**304**	**391**	**304**	**261**	**213**	**180**	**154**
164	**191**	**226**	**276**	**353**	**464**	**353**	**276**	**226**	**191**	**164**
164	**191**	**226**	**276**	**353**	**464**	**353**	**276**	**226**	**191**	**164**
164	**191**	**226**	**276**	**353**	**464**	**353**	**276**	**226**	**191**	**164**
164	**191**	**226**	**276**	**353**	**464**	**353**	**276**	**226**	**191**	**164**
149	**191**	**226**	**276**	**353**	**464**	**353**	**276**	**226**	**191**	**149**
121	**181**	**212**	**258**	**329**	**464**	**329**	**258**	**212**	**181**	121
102	**155**	**186**	**220**	**269**	**464**	**269**	**220**	**186**	**155**	102

● F max. = 1406 kN
(1.000.000 Hub/Stroke/Course)

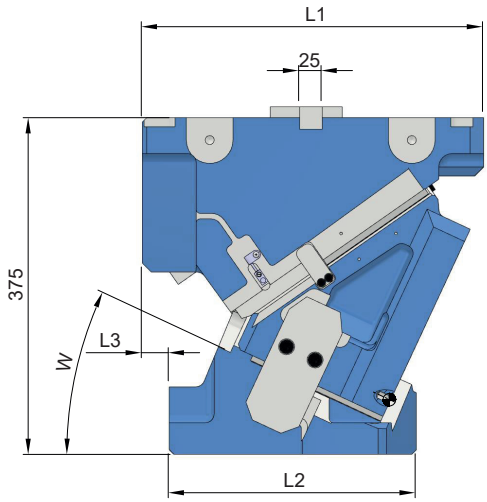


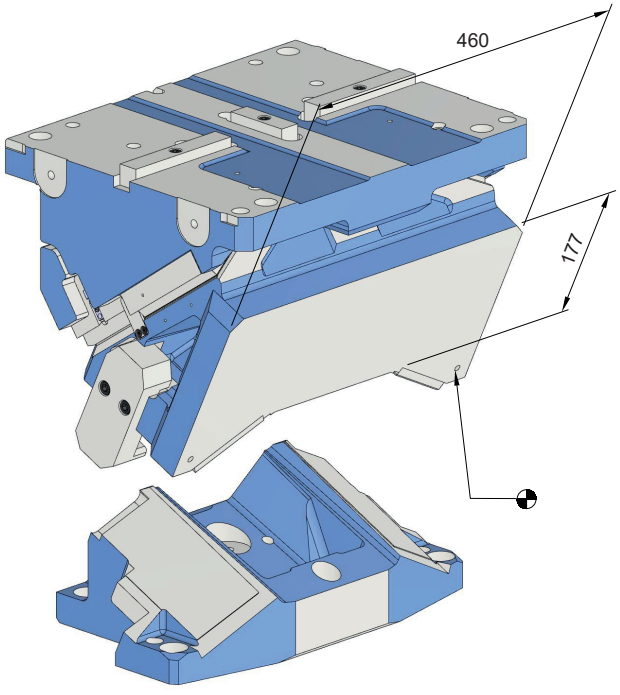
SN5650-PMOL-0460-

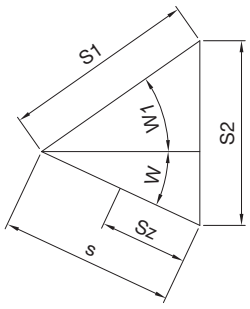
Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	460 x 177 mm
Schieberbreite max.	*Cam unit width max.*	460 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	> 1211 kN







Gusstoleranzgrad CT
nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT
according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1
Schieber zusammengefahren
Cam is moved together



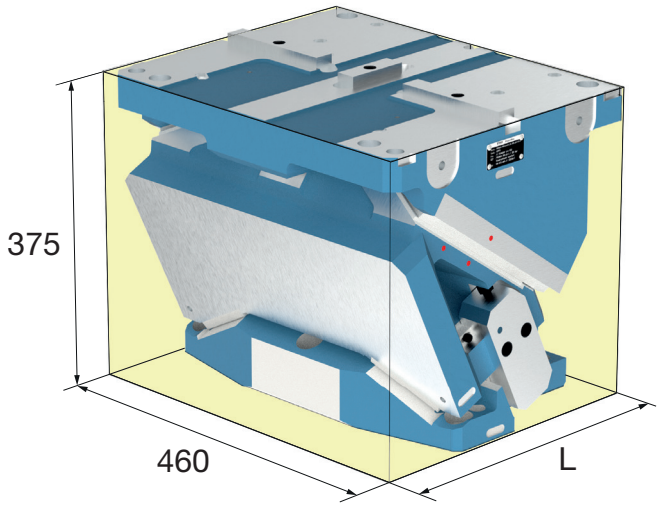
Pos. 2
Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug
Sz = Engagement length of activ return

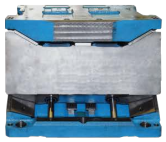
SN5650-PMOL-0460-

Oben hängender Schieber

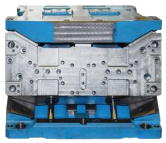
Aerial cam unit



E0



E1



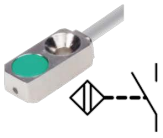
G0



S0



S1



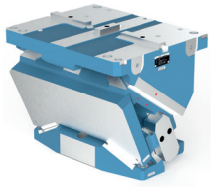
Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

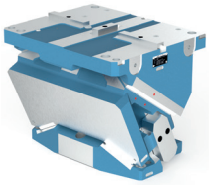
W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	35.5	52	38	26	360	300	65	SN5650-PMOL-0460-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	36.9	52	40	26	360	300	65	SN5650-PMOL-0460-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	39.2	52	41.6	27	375	310	35	SN5650-PMOL-0460-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E1-G1-S0-V04

D 1801D 06.2022



W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
15°	E1	G1	S1	375	40	41.2	52	44.1	27	375	310	35	SN5650-PMOL-0460-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	44.2	52	46.4	32	380	275	30	SN5650-PMOL-0460-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	47	52	49.7	37	380	275	30	SN5650-PMOL-0460-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	50.9	52	53	42	390	265	20	SN5650-PMOL-0460-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	49.7	47	52	42	390	265	20	SN5650-PMOL-0460-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	54.7	47	56.5	47	395	260	0	SN5650-PMOL-0460-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	60.2	47	62.5	47	395	260	0	SN5650-PMOL-0460-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E1-G0-S1-V04

D 1801D 06.2022

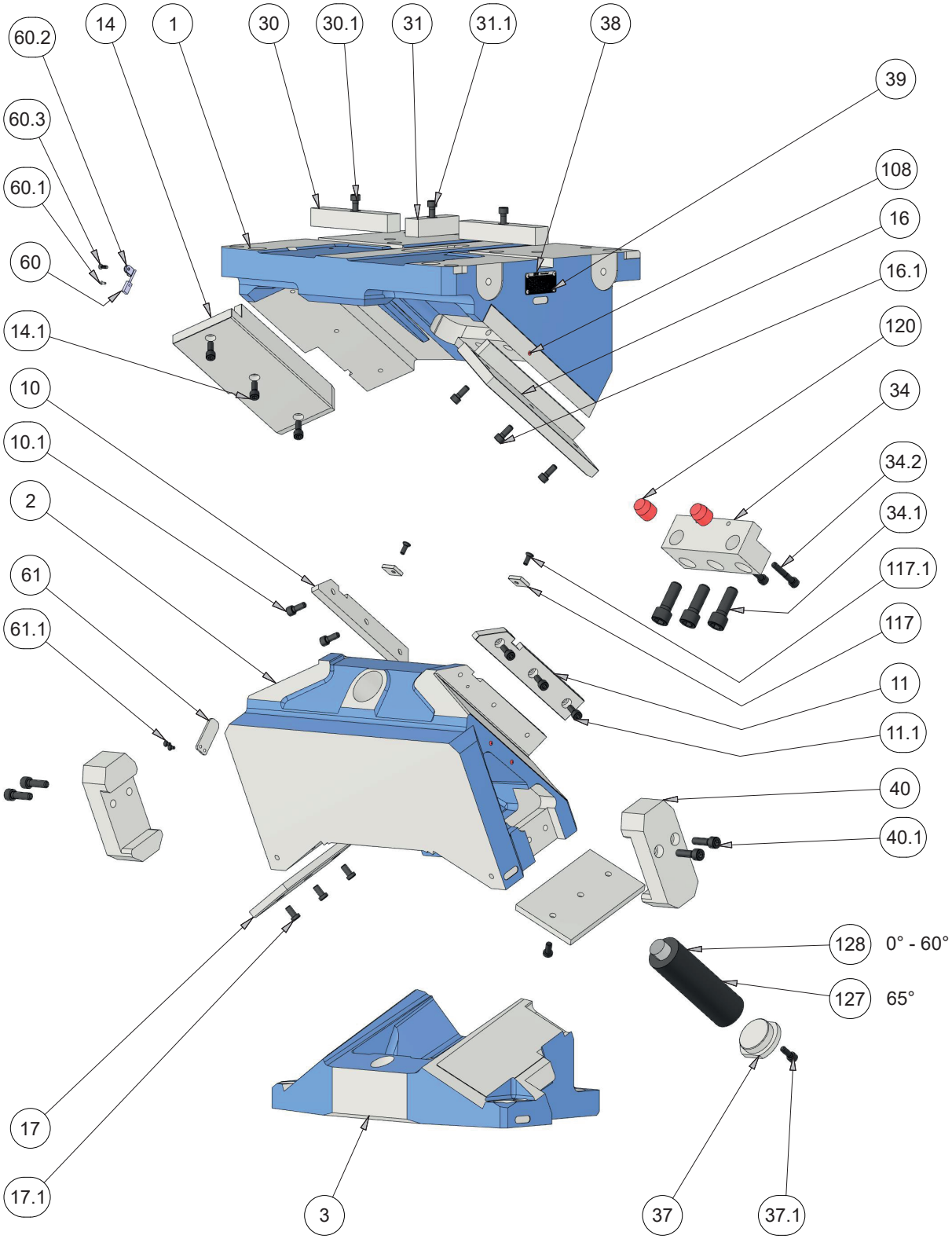


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMOL-0460-50-E1-G1-S1-V04
55°	E0	G0	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E0-G0-S0-V04
55°	E0	G0	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E0-G0-S1-V04
55°	E0	G1	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E0-G1-S0-V04
55°	E0	G1	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E0-G1-S1-V04
55°	E1	G0	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E1-G0-S0-V04
55°	E1	G0	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E1-G0-S1-V04
55°	E1	G1	S0	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E1-G1-S0-V04
55°	E1	G1	S1	415	17	68.8	42	70.7	52	395	250	20	SN5650-PMOL-0460-55-E1-G1-S1-V04
60°	E0	G0	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E0-G0-S0-V04
60°	E0	G0	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E0-G0-S1-V04
60°	E0	G1	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E0-G1-S0-V04
60°	E0	G1	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E0-G1-S1-V04
60°	E1	G0	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E1-G0-S0-V04
60°	E1	G0	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E1-G0-S1-V04
60°	E1	G1	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E1-G1-S0-V04
60°	E1	G1	S1	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMOL-0460-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	73.1	32	74.6	52	395	225	30	SN5650-PMOL-0460-65-E1-G1-S1-V04

SN5650-PMOL-0460-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

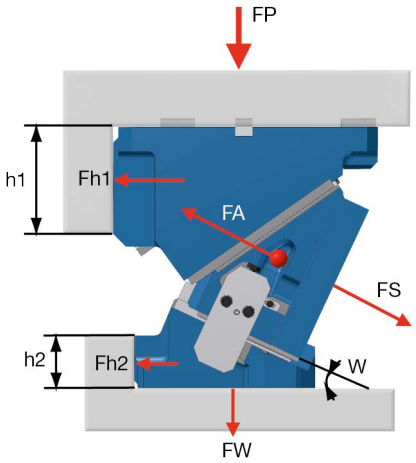
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SN5650-PMOL-0460-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1211	1154	1226	1154	-15	190	40	80
05°	1261	1207	1175	1093	76	180	40	91
10°	1311	1260	1124	1032	167	170	40	101
15°	1349	1301	1063	950	233	164	35	105
20°	1386	1342	1002	868	300	157	30	109
25°	1425	1385	943	782	342	146	65	111
30°	1463	1427	883	695	384	135	100	112
35°	1562	1528	852	628	418	133	98	111
40°	1661	1628	821	561	451	130	95	109
45°	1689	1661	749	470	439	120	113	108
50°	1717	1694	676	378	427	110	132	107
55°	1734	1724	602	300	392	100	128	105
60°	1769	1755	529	223	356	90	125	103
65°	1853	1835	484	156	299	90	165	110



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	829	797	844	797	-15	190	40	80
05°	863	833	808	755	48	180	40	91
10°	897	869	773	714	111	170	40	101
15°	923	897	731	657	157	164	35	105
20°	948	926	688	601	203	157	30	109
25°	975	954	647	542	232	146	65	111
30°	1001	983	606	483	261	135	100	112
35°	1065	1049	582	435	284	133	98	111
40°	1129	1114	559	388	306	130	95	109
45°	1149	1136	510	326	298	120	113	108
50°	1168	1158	460	263	291	110	132	107
55°	1185	1179	409	210	267	100	128	105
60°	1203	1199	359	157	243	90	125	103
65°	1260	1254	328	112	204	90	165	110

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-0°

95	124	168	218	313	638	313	218	168	124	95	17
97	127	175	228	333	713	333	228	175	127	97	
99	130	181	240	354	807	354	240	181	130	99	
101	134	187	252	378	930	378	252	187	134	101	
103	137	194	264	403	1097	403	264	194	137	103	
101	135	193	264	408	1176	408	264	193	135	101	8x20
100	132	186	252	381	982	381	252	186	132	100	
98	129	180	239	357	843	357	239	180	129	98	
95	125	173	227	334	738	334	227	173	125	95	177

54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54
54	65	79	91	108	134	108	91	79	65	54

2x45 | 7x40 | 2x45
460

● F max. = 1211 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-5°

97	126	170	224	315	648	315	224	170	126	97	17
99	129	176	236	338	731	338	236	176	129	99	
101	132	183	249	362	830	362	249	183	132	101	
103	136	190	262	387	962	387	262	190	136	103	
104	139	196	276	414	1142	414	276	196	139	104	
103	137	194	275	417	1211	417	275	194	137	103	8x20
101	133	188	261	389	1007	389	261	188	133	101	
99	131	181	248	363	861	363	248	181	131	99	
97	127	174	234	339	752	339	234	174	127	97	177

56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56
56	67	83	98	118	148	118	98	83	67	56

2x45 | 7x40 | 2x45
460

● F max. = 1261 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-10°

99	127	171	231	318	657	318	231	171	127	99	17
101	131	178	244	344	749	344	244	178	131	101	
103	134	185	258	370	854	370	258	185	134	103	
105	138	192	273	396	994	396	273	192	138	105	
105	141	199	287	425	1187	425	287	199	141	105	
105	139	196	285	427	1246	427	285	196	139	105	8x20
103	135	189	271	397	1031	397	271	189	135	103	
101	132	182	257	370	879	370	257	182	132	101	
99	128	175	241	343	766	343	241	175	128	99	177

58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58
58	70	86	105	127	162	127	105	86	70	58

2x45 | 7x40 | 2x45
460

● F max. = 1311 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-15°

98	125	166	219	295	622	295	219	166	125	98	17
100	130	174	234	323	720	323	234	174	130	100	
101	133	182	249	352	835	352	249	182	133	101	
102	138	190	265	382	987	382	265	190	138	102	
103	140	197	280	413	1207	413	280	197	140	103	
102	139	194	277	413	1267	413	277	194	139	102	8x20
101	135	187	262	381	1021	381	262	187	135	101	
100	131	179	246	350	856	350	246	179	131	100	
98	126	170	229	320	734	320	229	170	126	98	177

60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60
60	72	89	109	135	179	135	109	89	72	60

2x45 | 7x40 | 2x45
460

● F max. = 1349 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-20°

98	124	161	207	272	**587**	272	207	161	124	98	17
100	128	170	223	301	**692**	301	223	170	128	100	
100	133	180	240	**334**	**816**	**334**	240	180	133	100	
100	138	188	257	**368**	**979**	**368**	257	188	138	100	
100	140	196	273	**402**	**1226**	**402**	273	196	140	100	8x20
100	139	193	269	**400**	**1287**	**400**	269	193	139	100	177
100	135	184	253	**365**	**1012**	**365**	253	184	135	100	
100	130	175	236	**331**	**834**	**331**	236	175	130	100	
98	124	165	218	296	**703**	296	218	165	124	98	

2x45 | 7x40 | 2x45

460

62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62
62	74	91	113	143	**196**	143	113	91	74	62

● F max. = 1386 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-25°

102	127	164	211	276	**587**	276	211	164	127	102	17
103	133	174	229	310	**699**	310	229	174	133	103	
103	138	184	248	**345**	**830**	**345**	248	184	138	103	
103	142	194	265	**381**	**1001**	**381**	265	194	142	103	
103	143	202	282	**418**	**1260**	**418**	282	202	143	103	8x20
103	142	199	278	**416**	**1312**	**416**	278	199	142	103	177
103	140	190	261	**378**	**1027**	**378**	261	190	140	103	
103	135	180	243	**341**	**845**	**341**	243	180	135	103	
102	128	169	222	303	**706**	303	222	169	128	102	

2x45 | 7x40 | 2x45

460

70	83	102	127	162	**217**	162	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70
70	83	102	127	161	**217**	161	127	102	83	70

● F max. = 1425 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-30°

105	131	167	215	281	**586**	281	215	167	131	105	17
105	138	179	236	318	**706**	318	236	179	138	105	
105	143	189	256	**356**	**845**	**356**	256	189	143	105	
105	145	200	274	**395**	**1022**	**395**	274	200	145	105	
105	145	208	292	**435**	**1294**	**435**	292	208	145	105	8x20
105	145	204	288	**431**	**1337**	**431**	288	204	145	105	177
105	145	195	269	**390**	**1043**	**390**	269	195	145	105	
105	140	184	250	**351**	**855**	**351**	250	184	140	105	
105	132	172	227	310	**710**	310	227	172	132	105	

2x45 | 7x40 | 2x45

460

78	92	113	142	180	**238**	180	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78
78	92	113	142	179	**238**	179	142	113	92	78

● F max. = 1463 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-35°

113	139	174	220	288	**581**	288	220	174	139	113	17
114	146	187	243	328	**704**	328	243	187	146	114	
114	154	199	266	**372**	**856**	**372**	266	199	154	114	
114	156	211	286	**415**	**1035**	**415**	286	211	156	114	
114	156	221	305	**459**	**1304**	**459**	305	221	156	114	8x20
114	156	220	307	**469**	**1452**	**469**	307	220	156	114	177
114	156	209	286	**423**	**1120**	**423**	286	209	156	114	
114	151	198	266	**378**	**911**	**378**	266	198	151	114	
114	143	184	242	332	**751**	332	242	184	143	114	

2x45 | 7x40 | 2x45

460

81	97	119	152	200	**275**	200	152	119	97	81
81	97	119	152	199	**275**	199	152	119	97	81
81	97	119	152	198	**275**	198	152	119	97	81
81	97	119	152	198	**275**	198	152	119	97	81
81	97	119	152	198	**275**	198	152	119	97	81
81	97	119	152	198	**275**	198	152	119	97	81
81	97	119	152	198	**275**	198	152	119	97	81
81	97	119	152	198	**275**	198	152	119	97	81
81	97	119	152	199	**275**	199	152	119	97	81

● F max. = 1562 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-40°

120	146	180	225	294	**575**	294	225	180	146	120	17
122	155	195	250	337	**703**	337	250	195	155	122	
122	164	209	276	387	**867**	387	276	209	164	122	
122	166	222	298	**434**	**1048**	**434**	298	222	166	122	
122	166	233	319	**482**	**1314**	**482**	319	233	166	122	8x20
122	166	235	326	**507**	**1568**	**507**	326	235	166	122	
122	166	223	304	**455**	**1196**	**455**	304	223	166	122	
122	163	211	282	**406**	**966**	**406**	282	211	163	122	
122	154	196	256	355	**792**	355	256	196	154	122	177

84	101	125	162	221	**311**	221	162	125	101	84
84	101	125	162	219	**311**	219	162	125	101	84
84	101	125	162	218	**311**	218	162	125	101	84
84	101	125	162	218	**311**	218	162	125	101	84
84	101	125	162	218	**311**	218	162	125	101	84
84	101	125	162	218	**311**	218	162	125	101	84
84	101	125	162	218	**311**	218	162	125	101	84
84	101	125	162	218	**311**	218	162	125	101	84
84	101	125	162	219	**311**	219	162	125	101	84

2x45 | 7x40 | 2x45
460

- F max. = 1661 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-45°

126	152	185	228	296	**567**	296	228	185	152	126	17
131	163	201	255	342	**698**	342	255	201	163	131	
132	174	218	284	**399**	**870**	**399**	284	218	174	132	
132	178	232	309	**451**	**1062**	**451**	309	232	178	132	
132	178	244	331	**503**	**1336**	**503**	331	244	178	132	8x20
132	178	247	339	**529**	**1588**	**529**	339	247	178	132	
132	178	234	315	**473**	**1208**	**473**	315	234	178	132	
132	173	220	291	**420**	**972**	**420**	291	220	173	132	
131	162	203	262	362	**787**	362	262	203	162	131	177

93	112	138	179	249	**354**	249	179	138	112	93
93	112	138	179	248	**354**	248	179	138	112	93
93	112	138	179	246	**354**	246	179	138	112	93
93	112	138	179	246	**354**	246	179	138	112	93
93	112	138	179	246	**354**	246	179	138	112	93
93	112	138	179	246	**354**	246	179	138	112	93
93	112	138	179	246	**354**	246	179	138	112	93
93	112	138	179	246	**354**	246	179	138	112	93
93	112	138	179	248	**354**	248	179	138	112	93

2x45 | 7x40 | 2x45
460

- F max. = 1689 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-50°

132	158	189	231	297	**558**	297	231	189	158	132	17
140	170	207	260	347	**692**	347	260	207	170	140	
141	183	226	292	**410**	**872**	**410**	292	226	183	141	
141	190	242	319	**468**	**1075**	**468**	319	242	190	141	
141	190	255	343	**524**	**1357**	**524**	343	255	190	141	8x20
141	190	258	352	**551**	**1607**	**551**	352	258	190	141	
141	190	244	326	**491**	**1219**	**491**	326	244	190	141	
141	183	229	299	**433**	**977**	**433**	299	229	183	141	
139	170	209	267	368	**781**	368	267	209	170	139	177

101	122	151	195	276	**396**	276	195	151	122	101
101	122	151	195	276	**396**	276	195	151	122	101
101	122	151	195	274	**396**	274	195	151	122	101
101	122	151	195	274	**396**	274	195	151	122	101
101	122	151	195	274	**396**	274	195	151	122	101
101	122	151	195	274	**396**	274	195	151	122	101
101	122	151	195	274	**396**	274	195	151	122	101
101	122	151	195	274	**396**	274	195	151	122	101
101	122	151	195	276	**396**	276	195	151	122	101

2x45 | 7x40 | 2x45
460

- F max. = 1717 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-55°

142	166	196	235	294	**543**	294	235	196	166	142	17
152	181	217	267	346	**678**	346	267	217	181	152	
159	197	240	304	414	**861**	414	304	240	197	159	
159	208	261	338	**482**	**1076**	**482**	338	261	208	159	
159	213	278	369	**548**	**1382**	**548**	369	278	213	159	8x20
159	213	282	380	**580**	**1657**	**580**	380	282	213	159	
159	209	264	348	**510**	**1231**	**510**	348	264	209	159	
159	198	244	314	**441**	**970**	**441**	314	244	198	159	
151	181	220	276	369	**767**	369	276	220	181	151	177

125	148	177	217	283	**461**	283	217	177	148	125
125	149	184	234	311	**461**	311	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125
125	149	184	234	323	**461**	323	234	184	149	125

2x45 | 7x40 | 2x45
460

- F max. = 1743 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-60°

151	174	202	238	290	**528**	290	238	202	174	151	17
164	191	226	273	345	**663**	345	273	226	191	164	
176	210	253	315	417	**849**	417	315	253	210	176	
176	226	279	357	**496**	**1076**	**496**	357	279	226	176	
176	235	300	394	**571**	**1406**	**571**	394	300	235	176	8x20
176	235	306	408	**609**	**1707**	**609**	408	306	235	176	
176	228	284	370	**529**	**1243**	**529**	370	284	228	176	
176	212	259	328	**448**	**962**	**448**	328	259	212	176	
163	192	231	284	369	**753**	369	284	231	192	163	177

2x45 | 7x40 | 2x45

460

148	**174**	**202**	**238**	**290**	**526**	**290**	**238**	**202**	**174**	148
148	**176**	**216**	**273**	**345**	**526**	**345**	**273**	**216**	**176**	148
148	**176**	**216**	**273**	**372**	**526**	**372**	**273**	**216**	**176**	148
148	**176**	**216**	**273**	**372**	**526**	**372**	**273**	**216**	**176**	148
148	**176**	**216**	**273**	**372**	**526**	**372**	**273**	**216**	**176**	148
148	**176**	**216**	**273**	**372**	**526**	**372**	**273**	**216**	**176**	148
148	**176**	**216**	**273**	**372**	**526**	**372**	**273**	**216**	**176**	148
148	**176**	**216**	**273**	**369**	**526**	**369**	**273**	**216**	**176**	148

- F max. = 1769 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0460-65°

161	184	211	246	294	**526**	294	246	211	184	161	17
176	203	238	283	349	**657**	349	283	238	203	176	
192	225	268	329	**423**	**845**	**423**	329	268	225	192	
206	245	299	377	**509**	**1080**	**509**	377	299	245	206	
206	262	325	419	**592**	**1426**	**592**	419	325	262	206	8x20
206	264	331	**433**	**627**	**1692**	**627**	**433**	331	264	206	
206	248	305	390	**541**	**1235**	**541**	390	305	248	206	
191	227	274	341	**451**	**944**	**451**	341	274	227	191	
175	204	241	291	368	**733**	368	291	241	204	175	177

2x45 | 7x40 | 2x45

460

152	**183**	**211**	**246**	**294**	**526**	**294**	**246**	**211**	**183**	152
152	**183**	**226**	**283**	**349**	**604**	**349**	**283**	**226**	**183**	152
152	**183**	**226**	**289**	**402**	**604**	**402**	**289**	**226**	**183**	152
152	**183**	**226**	**289**	**402**	**604**	**402**	**289**	**226**	**183**	152
152	**183**	**226**	**289**	**402**	**604**	**402**	**289**	**226**	**183**	152
152	**183**	**226**	**289**	**402**	**604**	**402**	**289**	**226**	**183**	152
152	**183**	**226**	**289**	**402**	**604**	**402**	**289**	**226**	**183**	152
152	**183**	**226**	**289**	**368**	**604**	**368**	**289**	**226**	**183**	152

- F max. = 1853 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

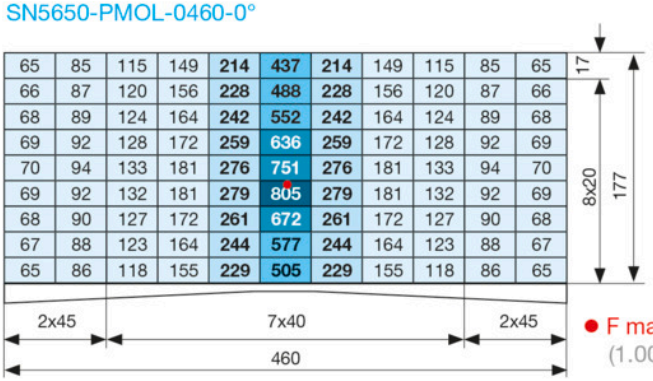
SN5650-PMOL-0460-

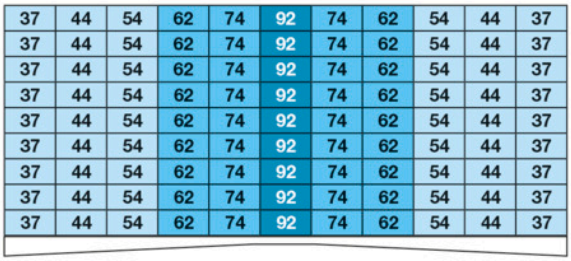
Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

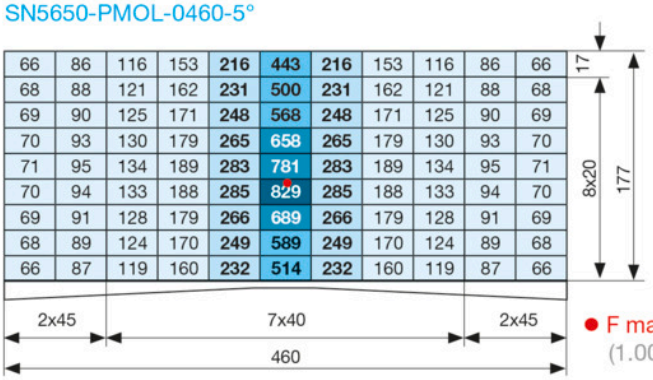
SN5650-PMOL-0460-0°

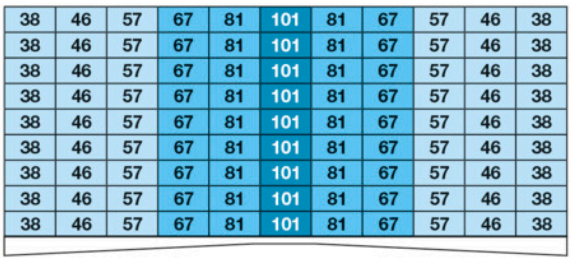




● F max. = 829 kN
(1.000.000 Hub/Stroke/Course)

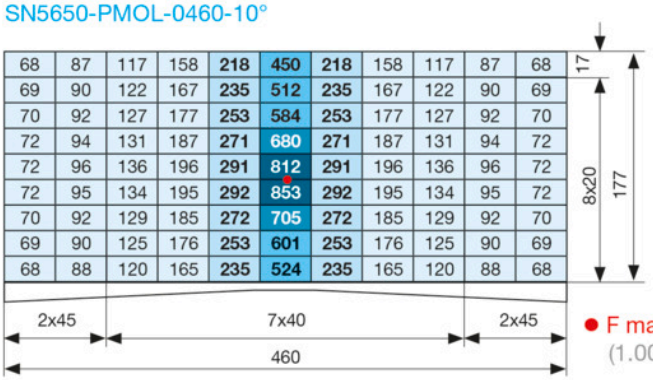
SN5650-PMOL-0460-5°

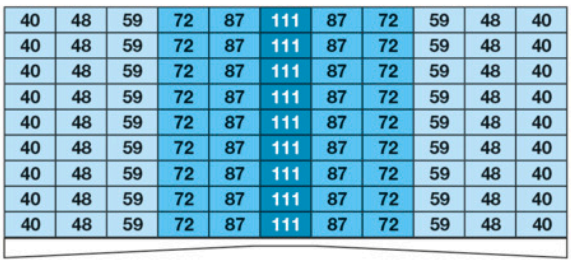




● F max. = 863 kN
(1.000.000 Hub/Stroke/Course)

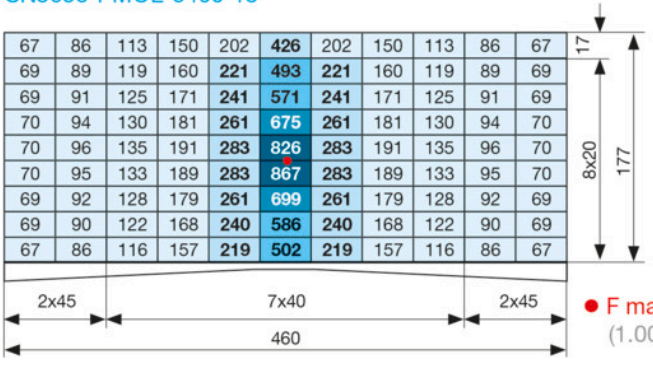
SN5650-PMOL-0460-10°

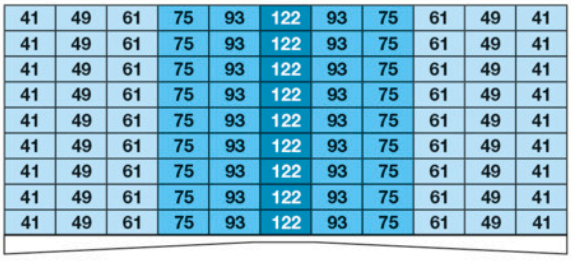




● F max. = 897 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-15°





● F max. = 923 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

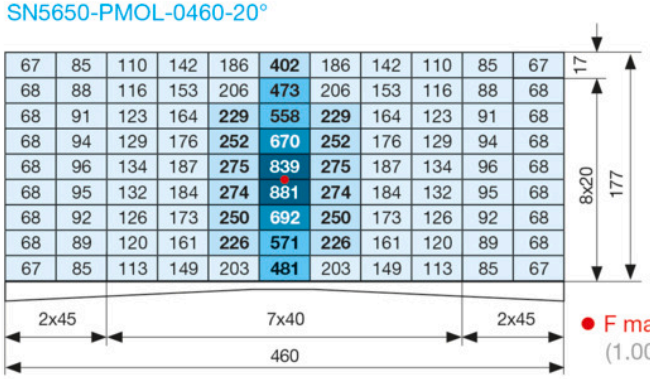
SN5650-PMOL-0460-

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Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-20°

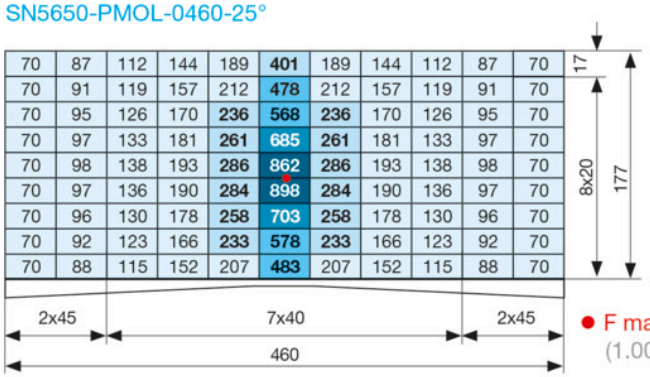


67	85	110	142	186	**402**	186	142	110	85	67
68	88	116	153	206	**473**	206	153	116	88	68
68	91	123	164	**229**	**558**	**229**	164	123	91	68
68	94	129	176	**252**	**670**	**252**	176	129	94	68
68	96	134	187	**275**	**839**	**275**	187	134	96	68
68	95	132	184	**274**	**881**	**274**	184	132	95	68
68	92	126	173	**250**	**692**	**250**	173	126	92	68
68	89	120	161	**226**	**571**	**226**	161	120	89	68
67	85	113	149	203	**481**	203	149	113	85	67

42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42
42	51	62	77	98	134	98	77	62	51	42

● F max. = 948 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-25°

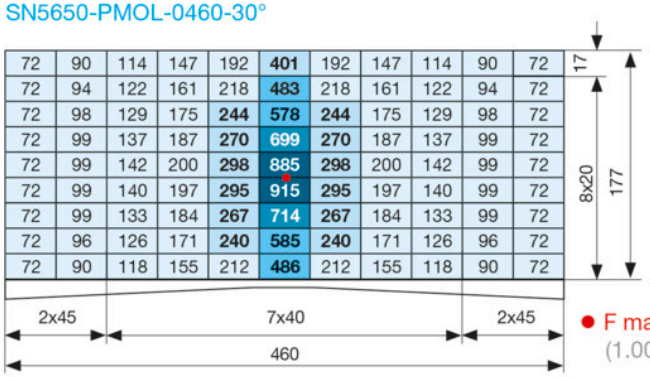


70	87	112	144	189	**401**	189	144	112	87	70
70	91	119	157	212	**478**	212	157	119	91	70
70	95	126	170	**236**	**568**	**236**	170	126	95	70
70	97	133	181	**261**	**685**	**261**	181	133	97	70
70	98	138	193	**286**	**862**	**286**	193	138	98	70
70	97	136	190	**284**	**898**	**284**	190	136	97	70
70	96	130	178	**258**	**703**	**258**	178	130	96	70
70	92	123	166	**233**	**578**	**233**	166	123	92	70
70	88	115	152	207	**483**	207	152	115	88	70

48	57	70	87	111	149	111	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48
48	57	70	87	110	149	110	87	70	57	48

● F max. = 975 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-30°

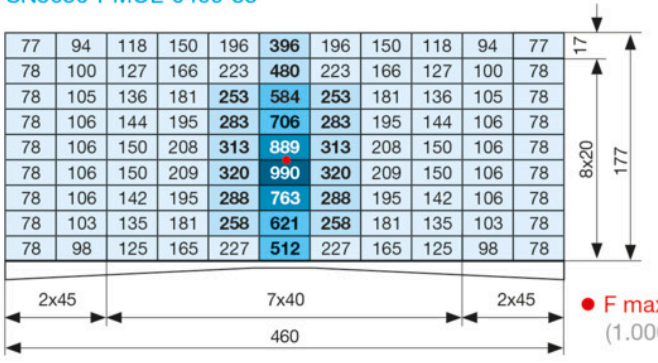


72	90	114	147	192	**401**	192	147	114	90	72
72	94	122	161	218	**483**	218	161	122	94	72
72	98	129	175	**244**	**578**	**244**	175	129	98	72
72	99	137	187	**270**	**699**	**270**	187	137	99	72
72	99	142	200	**298**	**885**	**298**	200	142	99	72
72	99	140	197	**295**	**915**	**295**	197	140	99	72
72	99	133	184	**267**	**714**	**267**	184	133	99	72
72	96	126	171	**240**	**585**	**240**	171	126	96	72
72	90	118	155	212	**486**	212	155	118	90	72

53	63	77	97	123	163	123	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53
53	63	77	97	122	163	122	97	77	63	53

● F max. = 1001 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-35°



77	94	118	150	196	**396**	196	150	118	94	77
78	100	127	166	223	**480**	223	166	127	100	78
78	105	136	181	**253**	**584**	**253**	181	136	105	78
78	106	144	195	**283**	**706**	**283**	195	144	106	78
78	106	150	208	**313**	**889**	**313**	208	150	106	78
78	106	150	209	**320**	**990**	**320**	209	150	106	78
78	106	142	195	**288**	**763**	**288**	195	142	106	78
78	103	135	181	**258**	**621**	**258**	181	135	103	78
78	98	125	165	227	**512**	227	165	125	98	78

55	66	81	104	137	187	137	104	81	66	55
55	66	81	104	136	187	136	104	81	66	55
55	66	81	104	135	187	135	104	81	66	55
55	66	81	104	135	187	135	104	81	66	55
55	66	81	104	135	187	135	104	81	66	55
55	66	81	104	135	187	135	104	81	66	55
55	66	81	104	135	187	135	104	81	66	55
55	66	81	104	135	187	135	104	81	66	55
55	66	81	104	136	187	136	104	81	66	55

● F max. = 1065 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0460-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-40°

82	99	122	153	200	**391**	200	153	122	99	82	17
83	105	133	170	229	**478**	229	170	133	105	83	
83	112	142	188	263	**590**	263	188	142	112	83	
83	113	151	203	**295**	**713**	**295**	203	151	113	83	
83	113	158	217	**328**	**894**	**328**	217	158	113	83	8x20
83	113	160	222	**345**	**1066**	**345**	222	160	113	83	
83	113	152	207	**309**	**813**	**309**	207	152	113	83	
83	111	143	192	**276**	**657**	**276**	192	143	111	83	
83	105	133	174	241	**539**	241	174	133	105	83	177

57	69	85	110	150	**211**	150	110	85	69	57
57	69	85	110	149	**211**	149	110	85	69	57
57	69	85	110	148	**211**	148	110	85	69	57
57	69	85	110	148	**211**	148	110	85	69	57
57	69	85	110	148	**211**	148	110	85	69	57
57	69	85	110	148	**211**	148	110	85	69	57
57	69	85	110	148	**211**	148	110	85	69	57
57	69	85	110	148	**211**	148	110	85	69	57
57	69	85	110	149	**211**	149	110	85	69	57

2x45 | 7x40 | 2x45 — 460

- F max. = 1129 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-45°

86	103	125	155	201	**385**	201	155	125	103	86	17
89	111	137	173	233	**474**	233	173	137	111	89	
89	118	148	193	**271**	**591**	**271**	193	148	118	89	
89	121	158	210	**307**	**722**	**307**	210	158	121	89	
89	121	166	225	**342**	**908**	**342**	225	166	121	89	8x20
89	121	168	231	**360**	**1080**	**360**	231	168	121	89	
89	121	159	214	**322**	**821**	**322**	214	159	121	89	
89	118	150	198	**285**	**661**	**285**	198	150	118	89	
89	110	138	178	246	**535**	246	178	138	110	89	177

63	76	94	121	169	**240**	169	121	94	76	63
63	76	94	121	168	**240**	168	121	94	76	63
63	76	94	121	167	**240**	167	121	94	76	63
63	76	94	121	167	**240**	167	121	94	76	63
63	76	94	121	167	**240**	167	121	94	76	63
63	76	94	121	167	**240**	167	121	94	76	63
63	76	94	121	167	**240**	167	121	94	76	63
63	76	94	121	167	**240**	167	121	94	76	63
63	76	94	121	168	**240**	168	121	94	76	63

2x45 | 7x40 | 2x45 — 460

- F max. = 1149 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-50°

90	107	129	157	202	**379**	202	157	129	107	90	17
95	116	141	177	236	**471**	236	177	141	116	95	
96	124	154	199	**279**	**593**	**279**	199	154	124	96	
96	129	165	217	**318**	**731**	**318**	217	165	129	96	
96	129	173	233	**356**	**923**	**356**	233	173	129	96	8x20
96	129	175	239	**375**	**1093**	**375**	239	175	129	96	
96	129	166	222	**334**	**829**	**334**	222	166	129	96	
96	124	156	203	**294**	**664**	**294**	203	156	124	96	
95	116	142	182	250	**531**	250	182	142	116	95	177

69	83	103	133	188	**269**	188	133	103	83	69
69	83	103	133	188	**269**	188	133	103	83	69
69	83	103	133	186	**269**	186	133	103	83	69
69	83	103	133	186	**269**	186	133	103	83	69
69	83	103	133	186	**269**	186	133	103	83	69
69	83	103	133	186	**269**	186	133	103	83	69
69	83	103	133	186	**269**	186	133	103	83	69
69	83	103	133	186	**269**	186	133	103	83	69
69	83	103	133	188	**269**	188	133	103	83	69

2x45 | 7x40 | 2x45 — 460

- F max. = 1168 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-55°

96	113	133	159	200	**369**	200	159	133	113	96	17
103	123	147	181	235	**461**	235	181	147	123	103	
108	134	163	206	281	**585**	281	206	163	134	108	
108	141	177	230	**328**	**731**	**328**	230	177	141	108	
108	145	189	251	**372**	**939**	**372**	251	189	145	108	8x20
108	145	192	258	**394**	**1127**	**394**	258	192	145	108	
108	142	180	237	**347**	**837**	**347**	237	180	142	108	
108	134	166	213	**300**	**659**	**300**	213	166	134	108	
103	123	150	187	251	**522**	251	187	150	123	103	177

85	101	120	147	192	**313**	192	147	120	101	85
85	101	125	159	211	**313**	211	159	125	101	85
85	101	125	159	220	**313**	220	159	125	101	85
85	101	125	159	220	**313**	220	159	125	101	85
85	101	125	159	220	**313**	220	159	125	101	85
85	101	125	159	220	**313**	220	159	125	101	85
85	101	125	159	220	**313**	220	159	125	101	85
85	101	125	159	220	**313**	220	159	125	101	85
85	101	125	159	219	**313**	219	159	125	101	85

2x45 | 7x40 | 2x45 — 460

- F max. = 1185 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0460-

Schieberkräfte

Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0460-60°

103	118	137	162	197	**359**	197	162	137	118	103	17
112	130	154	186	235	**451**	235	186	154	130	112	
120	143	172	214	284	**577**	284	214	172	143	120	
120	154	190	243	**337**	**732**	**337**	243	190	154	120	
120	160	204	268	**388**	**956**	**388**	268	204	160	120	8x20
120	160	208	277	**414**	**1161**	**414**	277	208	160	120	
120	155	193	252	**360**	**845**	**360**	252	193	155	120	
120	144	176	223	**305**	**654**	**305**	223	176	144	120	
111	131	157	193	251	**512**	251	193	157	131	111	177

2x45 | 7x40 | 2x45

460

101	**118**	**137**	**162**	**197**	**358**	**197**	**162**	**137**	**118**	101
101	**120**	**147**	**186**	**235**	**358**	**235**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**253**	**358**	**253**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**253**	**358**	**253**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**253**	**358**	**253**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**253**	**358**	**253**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**253**	**358**	**253**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**253**	**358**	**253**	**186**	**147**	**120**	101
101	**120**	**147**	**186**	**251**	**358**	**251**	**186**	**147**	**120**	101

● F max. = 1203 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0460-65°

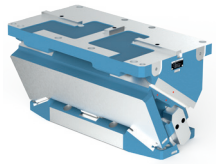
109	125	143	167	200	**358**	200	167	143	125	109	17
120	138	162	192	237	**447**	237	192	162	138	120	
131	153	182	224	**288**	**575**	**288**	224	182	153	131	
140	167	203	256	**346**	**734**	**346**	256	203	167	140	
140	178	221	285	**403**	**970**	**403**	285	221	178	140	8x20
140	180	225	**294**	**426**	**1151**	**426**	**294**	225	180	140	
140	169	207	265	**368**	**840**	**368**	265	207	169	140	
130	154	186	232	**307**	**642**	**307**	232	186	154	130	
119	139	164	198	250	**498**	250	198	164	139	119	177

2x45 | 7x40 | 2x45

460

103	**124**	**143**	**167**	**200**	**358**	**200**	**167**	**143**	**124**	103
103	**124**	**154**	**192**	**237**	**411**	**237**	**192**	**154**	**124**	103
103	**124**	**154**	**197**	**273**	**411**	**273**	**197**	**154**	**124**	103
103	**124**	**154**	**197**	**273**	**411**	**273**	**197**	**154**	**124**	103
103	**124**	**154**	**197**	**273**	**411**	**273**	**197**	**154**	**124**	103
103	**124**	**154**	**197**	**273**	**411**	**273**	**197**	**154**	**124**	103
103	**124**	**154**	**197**	**273**	**411**	**273**	**197**	**154**	**124**	103
103	**124**	**154**	**197**	**273**	**411**	**273**	**197**	**154**	**124**	103
103	**124**	**154**	**197**	**250**	**411**	**250**	**197**	**154**	**124**	103

● F max. = 1260 kN
(1.000.000 Hub/Stroke/Course)

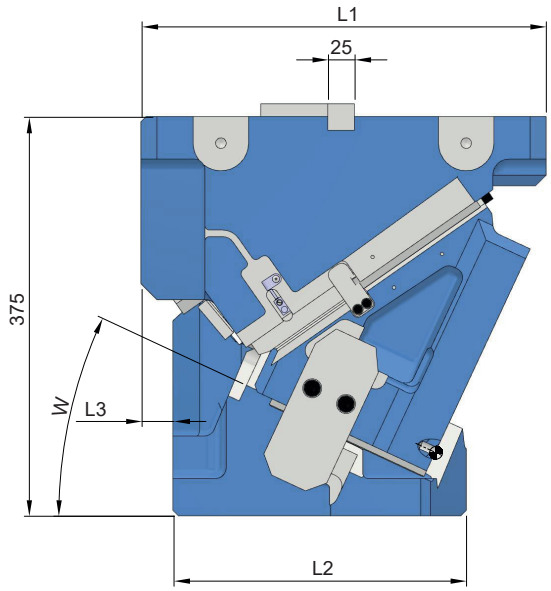


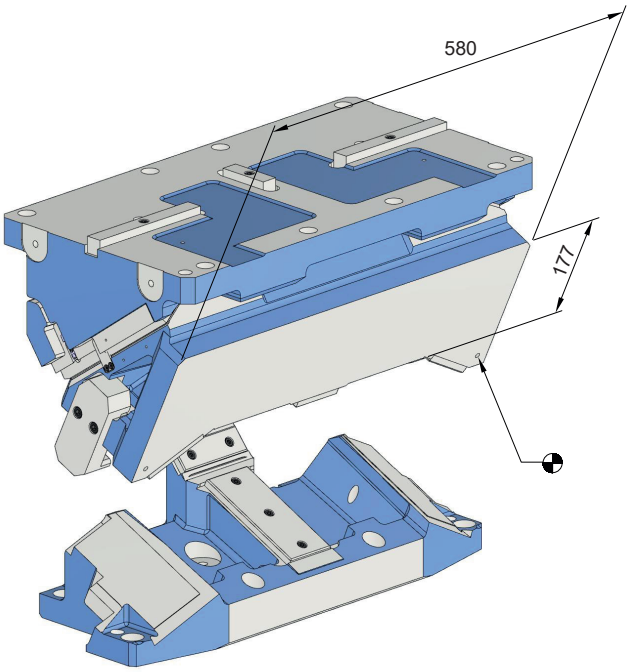
SN5650-PMOL-0580-

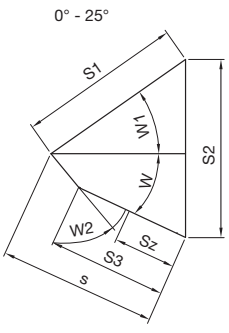
Oben hängender Schieber

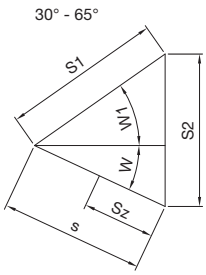
Aerial cam unit

Arbeitsfläche	*Working area*	580 x 177 mm
Schieberbreite max.	*Cam unit width max.*	580 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	1410 kN









Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

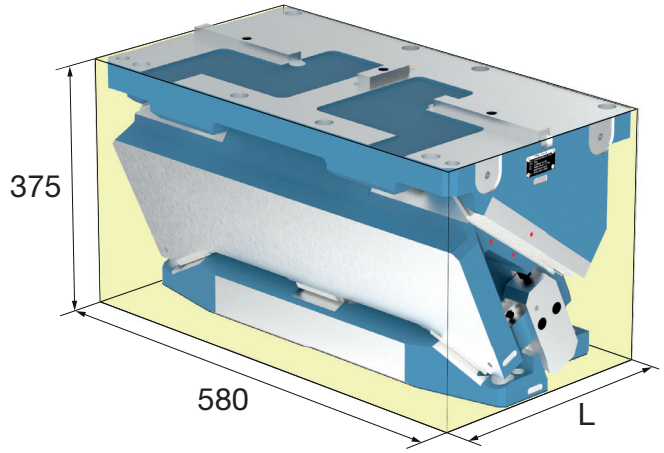
Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

D 1801D 06.2022

SN5650-PMOL-0580-

Oben hängender Schieber

Aerial cam unit



E0



E1



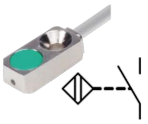
G0



S0



S1

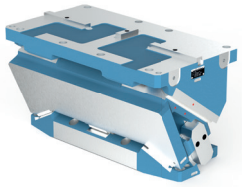


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

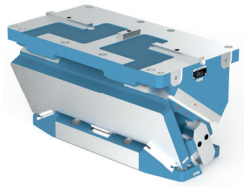
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0580-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0580-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0580-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0580-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E0-G0-S1-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0580-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0580-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0580-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0580-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0580-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0580-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0580-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E0-G0-S0-V04

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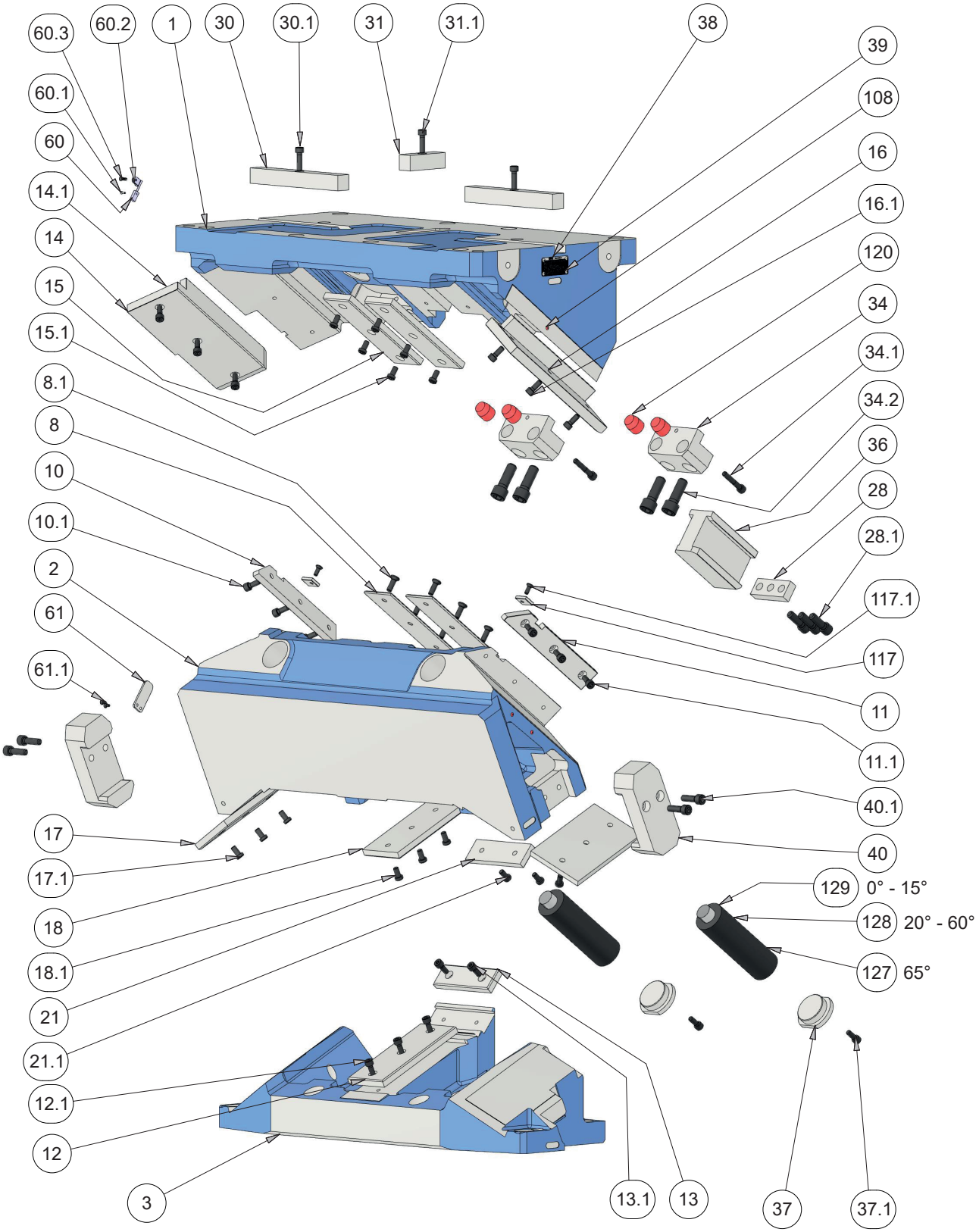


W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E0-G1-S1-V04
55°	E1	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0580-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0580-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0580-65-E1-G1-S1-V04

SN5650-PMOL-0580-

Bauteile

Components



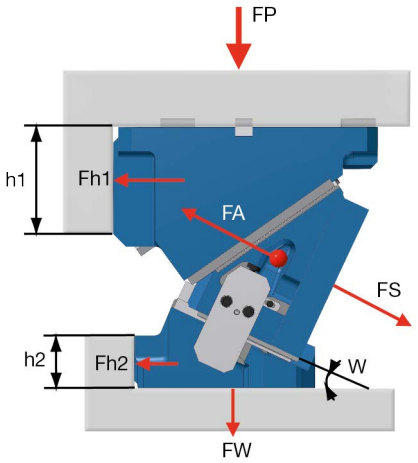
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-0580-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1410	1363	1440	1363	-30	190	40	78
05°	1410	1370	1330	1247	70	175	40	83
10°	1410	1377	1219	1132	169	160	40	89
15°	1410	1382	1123	1019	233	156	40	94
20°	1410	1388	1027	906	298	152	40	100
25°	1410	1393	942	799	331	144	70	100
30°	1410	1398	856	693	365	135	100	100
35°	1410	1402	778	596	373	133	98	100
40°	1410	1406	700	500	380	130	95	100
45°	1410	1410	628	417	366	120	95	100
50°	1410	1414	555	334	351	110	95	100
55°	1410	1417	487	267	319	100	115	100
60°	1410	1421	419	200	286	90	135	100
65°	1410	1419	365	141	231	90	165	100



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1058	1034	1088	1034	-30	190	40	78
05°	1058	1039	1004	947	46	175	40	83
10°	1058	1044	920	860	121	160	40	89
15°	1058	1048	847	775	170	156	40	100
20°	1058	1052	774	690	219	152	40	100
25°	1058	1056	709	610	245	144	70	100
30°	1058	1059	644	530	272	135	100	100
35°	1058	1062	585	458	278	133	98	100
40°	1058	1065	526	385	284	130	95	100
45°	1058	1068	471	323	274	120	95	100
50°	1058	1070	416	260	263	110	95	100
55°	1058	1073	365	210	239	100	115	100
60°	1058	1075	313	159	216	90	135	100
65°	1058	1073	272	115	175	90	165	100

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0580-0°

85	109	146	206	322	384	727	384	322	206	146	109	85	17
86	111	148	209	327	517	766	517	327	209	148	111	86	
87	113	151	216	346	591	851	591	346	216	151	113	87	
88	115	155	225	367	652	991	652	367	225	155	115	88	
89	118	159	233	390	713	1185	713	390	233	159	118	89	8x20
90	119	163	243	417	785	1410	785	417	243	163	119	90	177
90	118	163	243	420	794	1410	794	420	243	163	118	90	
89	117	159	235	396	726	1264	726	396	235	159	117	89	
88	116	156	227	375	668	1071	668	375	227	156	116	88	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51
51	60	70	81	96	110	118	110	96	81	70	60	51

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-5°

86	110	147	212	327	407	708	407	327	212	147	110	86	17
87	112	148	214	337	519	797	519	337	214	148	112	87	
88	114	152	222	355	608	876	608	355	222	152	114	88	
89	116	156	230	377	675	1025	675	377	230	156	116	89	
90	118	160	239	402	751	1235	751	402	239	160	118	90	8x20
91	120	164	249	431	846	1410	846	431	249	164	120	91	177
91	119	163	247	430	843	1410	843	430	247	163	119	91	
90	118	159	239	404	758	1281	758	404	239	159	118	90	
89	116	156	231	383	689	1083	689	383	231	156	116	89	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

54	64	75	88	106	124	133	124	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54
54	64	75	88	106	123	133	123	106	88	75	64	54

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-10°

87	111	148	218	331	429	689	429	331	218	148	111	87	17
87	113	149	220	346	522	827	522	346	220	149	113	87	
88	115	152	227	365	625	901	625	365	227	152	115	88	
90	117	156	236	388	697	1059	697	388	236	156	117	90	
91	119	161	245	415	789	1285	789	415	245	161	119	91	8x20
92	121	165	255	446	907	1410	907	446	255	165	121	92	177
91	120	163	252	439	891	1410	891	439	252	163	120	91	
90	118	159	243	413	791	1298	791	413	243	159	118	90	
89	117	156	236	390	710	1095	710	390	236	156	117	89	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

56	68	81	96	117	137	148	137	117	96	81	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56
56	68	80	96	117	136	148	136	117	96	80	68	56

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-15°

87	111	146	209	313	438	644	438	313	209	146	111	87	17
88	113	147	214	342	496	805	496	342	214	147	113	88	
89	115	151	221	355	614	893	614	355	221	151	115	89	
91	117	156	230	380	690	1064	690	380	230	156	117	91	
92	120	160	240	407	790	1319	790	407	240	160	120	92	8x20
92	120	162	248	439	922	1410	922	439	248	162	120	92	177
91	118	159	242	421	860	1410	860	421	242	159	118	91	
90	117	155	233	394	757	1248	757	394	233	155	117	90	
89	115	153	226	374	671	1064	671	374	226	153	115	89	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

59	71	85	102	126	152	165	152	126	102	85	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59
59	71	84	102	126	151	165	151	126	102	84	71	59

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0580-20°

87	111	145	199	296	447	600	447	296	199	145	111	87	17
88	113	146	208	337	471	782	471	337	208	146	113	88	
90	115	150	215	346	603	885	603	346	215	150	115	90	
91	118	155	225	371	683	1068	683	371	225	155	118	91	
93	120	160	235	400	791	1354	791	400	235	160	120	93	8x20
91	119	160	242	432	936	1410	936	432	242	160	119	91	177
90	117	156	231	402	829	1410	829	402	231	156	117	90	
89	115	151	222	375	723	1199	723	375	222	151	115	89	
88	114	149	216	358	632	1032	632	358	216	149	114	88	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62
62	74	88	108	136	166	183	166	136	108	88	74	62

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-25°

90	112	142	194	290	438	576	438	290	194	142	112	90	17
91	115	149	211	336	503	759	503	336	211	149	115	91	
92	117	153	219	354	618	910	618	354	219	153	117	92	
94	120	158	229	382	700	1089	700	382	229	158	120	94	
95	123	163	239	413	813	1382	813	413	239	163	123	95	8x20
95	123	165	248	447	970	1410	970	447	248	165	123	95	177
94	120	160	238	417	853	1410	853	417	238	160	120	94	
93	118	156	228	388	741	1214	741	388	228	156	118	93	
91	117	153	222	371	625	1063	625	371	222	153	117	91	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

67	80	96	118	151	186	206	186	151	118	96	80	67
67	80	96	118	151	186	206	186	151	118	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67
67	80	96	119	151	186	206	186	151	119	96	80	67

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-30°

92	113	139	188	284	429	553	429	284	188	139	113	92	17
93	118	152	214	334	535	735	535	334	214	152	118	93	
94	119	155	223	363	634	936	634	363	223	155	119	94	
96	122	161	233	392	716	1110	716	392	233	161	122	96	
98	125	165	243	425	836	1410	836	425	243	165	125	98	8x20
99	127	170	255	461	1003	1410	1003	461	255	170	127	99	177
97	124	165	244	431	876	1410	876	431	244	165	124	97	
96	122	161	234	401	760	1230	760	401	234	161	122	96	
94	119	157	227	384	618	1094	618	384	227	157	119	94	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

71	86	103	129	166	206	228	206	166	129	103	86	71
71	86	103	129	165	206	228	206	165	129	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71
71	86	103	130	165	205	228	205	165	130	103	86	71

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-35°

96	117	144	193	292	438	560	438	292	193	144	117	96	17
99	125	161	222	347	551	747	551	347	222	161	125	99	
101	127	165	235	387	672	985	672	387	235	165	127	101	
103	131	171	247	418	757	1160	757	418	247	171	131	103	
105	134	177	259	454	886	1410	886	454	259	177	134	105	8x20
106	136	181	271	494	1070	1410	1070	494	271	181	136	106	177
104	133	176	259	461	925	1410	925	461	259	176	133	104	
102	131	171	248	427	799	1276	799	427	248	171	131	102	
101	128	167	242	407	647	1107	647	407	242	167	128	101	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

78	94	113	142	186	232	259	232	186	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78
78	94	113	142	185	231	259	231	185	142	113	94	78

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

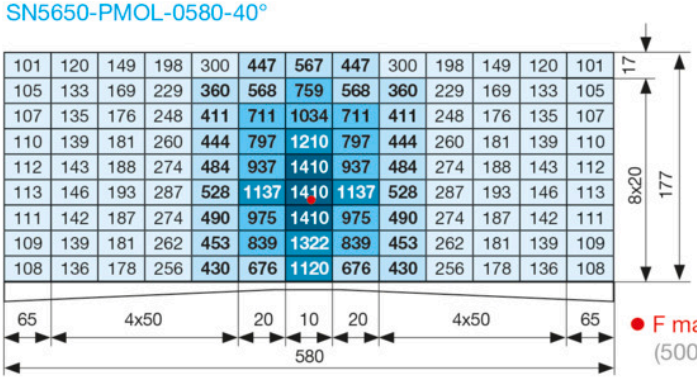
SN5650-PMOL-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0580-40°

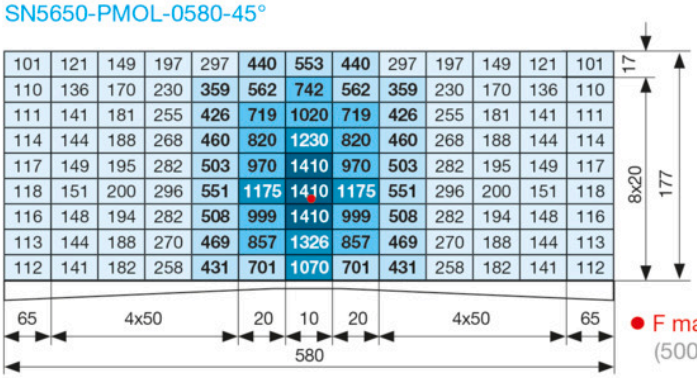


85	102	122	155	206	258	289	258	206	155	122	102	85
85	102	122	155	205	257	289	257	205	155	122	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85
85	102	123	155	204	257	289	257	204	155	123	102	85

101	120	149	198	300	447	567	447	300	198	149	120	101
105	133	169	229	360	568	759	568	360	229	169	133	105
107	135	176	248	411	711	1034	711	411	248	176	135	107
110	139	181	260	444	797	1210	797	444	260	181	139	110
112	143	188	274	484	937	1410	937	484	274	188	143	112
113	146	193	287	528	1137	1410	1137	528	287	193	146	113
111	142	187	274	490	975	1410	975	490	274	187	142	111
109	139	181	262	453	839	1322	839	453	262	181	139	109
108	136	178	256	430	676	1120	676	430	256	178	136	108

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-45°

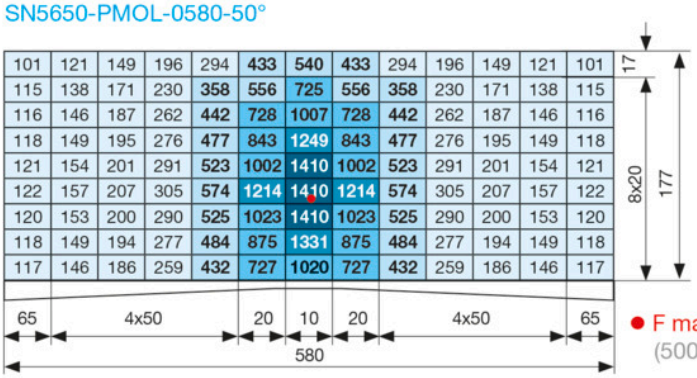


93	112	136	173	233	295	330	295	233	173	136	112	93
94	113	137	173	233	294	330	294	233	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94
94	113	137	173	232	293	330	293	232	173	137	113	94

101	121	149	197	297	440	553	440	297	197	149	121	101
110	136	170	230	359	562	742	562	359	230	170	136	110
111	141	181	255	426	719	1020	719	426	255	181	141	111
114	144	188	268	460	820	1230	820	460	268	188	144	114
117	149	195	282	503	970	1410	970	503	282	195	149	117
118	151	200	296	551	1175	1410	1175	551	296	200	151	118
116	148	194	282	508	999	1410	999	508	282	194	148	116
113	144	188	270	469	857	1326	857	469	270	188	144	113
112	141	182	258	431	701	1070	701	431	258	182	141	112

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-50°

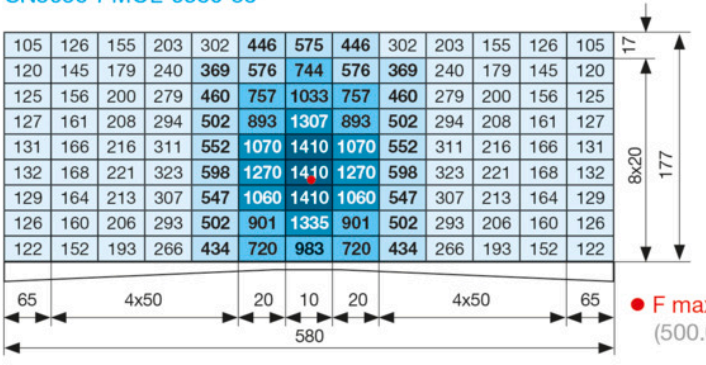


102	122	149	192	260	332	372	332	260	192	149	122	102
104	125	151	192	260	331	372	331	260	192	151	125	104
104	125	151	192	259	329	372	329	259	192	151	125	104
104	125	151	192	259	329	372	329	259	192	151	125	104
104	125	151	192	259	329	372	329	259	192	151	125	104
104	125	151	192	259	329	372	329	259	192	151	125	104
104	125	151	192	259	329	372	329	259	192	151	125	104
104	125	151	192	259	329	372	329	259	192	151	125	104
104	125	151	192	260	330	372	330	260	192	151	125	104

101	121	149	196	294	433	540	433	294	196	149	121	101
115	138	171	230	358	556	725	556	358	230	171	138	115
116	146	187	262	442	728	1007	728	442	262	187	146	116
118	149	195	276	477	843	1249	843	477	276	195	149	118
121	154	201	291	523	1002	1410	1002	523	291	201	154	121
122	157	207	305	574	1214	1410	1214	574	305	207	157	122
120	153	200	290	525	1023	1410	1023	525	290	200	153	120
118	149	194	277	484	875	1331	875	484	277	194	149	118
117	146	186	259	432	727	1020	727	432	259	186	146	117

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-55°



106	127	155	201	285	390	437	390	285	201	155	127	106
115	139	169	221	301	388	437	388	301	221	169	139	115
119	145	175	222	301	386	437	386	301	222	175	145	119
120	145	175	222	301	386	437	386	301	222	175	145	120
121	145	175	222	301	386	437	386	301	222	175	145	121
121	145	175	222	301	386	437	386	301	222	175	145	121
121	145	175	222	301	386	437	386	301	222	175	145	121
119	145	175	222	301	386	437	386	301	222	175	145	119
116	141	175	222	301	387	437	387	301	222	175	141	116

105	126	155	203	302	446	575	446	302	203	155	126	105
120	145	179	240	369	576	744	576	369	240	179	145	120
125	156	200	279	460	757	1033	757	460	279	200	156	125
127	161	208	294	502	893	1307	893	502	294	208	161	127
131	166	216	311	552	1070	1410	1070	552	311	216	166	131
132	168	221	323	598	1270	1410	1270	598	323	221	168	132
129	164	213	307	547	1060	1410	1060	547	307	213	164	129
126	160	206	293	502	901	1335	901	502	293	206	160	126
122	152	193	266	434	720	983	720	434	266	193	152	122

● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

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SN5650-PMOL-0580-

Schieberkräfte
Cam Force

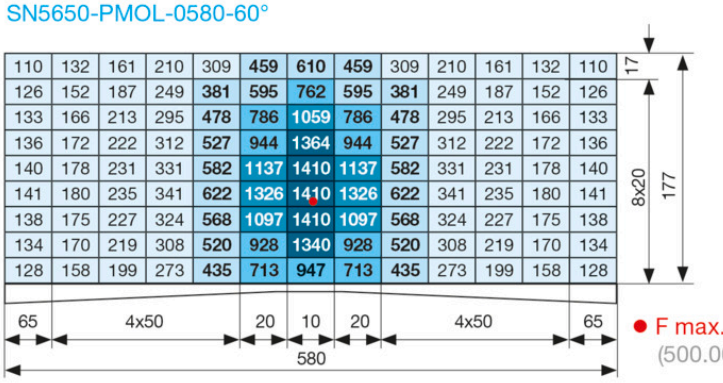
Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0580-60°

110	132	161	210	309	459	610	459	309	210	161	132	110	17
126	152	187	249	381	595	762	595	381	249	187	152	126	
133	166	213	295	478	786	1059	786	478	295	213	166	133	
136	172	222	312	527	944	1364	944	527	312	222	172	136	
140	178	231	331	582	1137	1410	1137	582	331	231	178	140	8x20
141	180	235	341	622	1326	1410	1326	622	341	235	180	141	177
138	175	227	324	568	1097	1410	1097	568	324	227	175	138	
134	170	219	308	520	928	1340	928	520	308	219	170	134	
128	158	199	273	435	713	947	713	435	273	199	158	128	

110	132	161	210	309	448	501	448	309	210	161	132	110
126	152	187	250	342	445	501	445	342	250	187	152	126
133	165	199	252	342	443	501	443	342	252	199	165	133
136	165	199	252	342	443	501	443	342	252	199	165	136
137	165	199	252	342	443	501	443	342	252	199	165	137
137	165	199	252	342	443	501	443	342	252	199	165	137
137	165	199	252	342	443	501	443	342	252	199	165	137
134	165	199	252	342	443	501	443	342	252	199	165	134
128	158	199	252	342	444	501	444	342	252	199	158	128

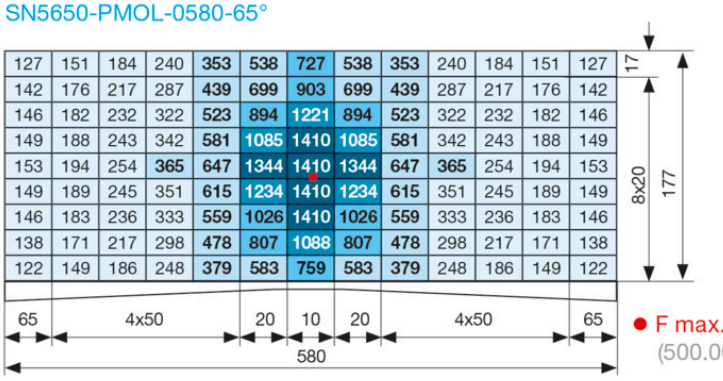


● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-65°

127	151	184	240	353	538	727	538	353	240	184	151	127	17
142	176	217	287	439	699	903	699	439	287	217	176	142	
146	182	232	322	523	894	1221	894	523	322	232	182	146	
149	188	243	342	581	1085	1410	1085	581	342	243	188	149	
153	194	254	365	647	1344	1410	1344	647	365	254	194	153	8x20
149	189	245	351	615	1234	1410	1234	615	351	245	189	149	177
146	183	236	333	559	1026	1410	1026	559	333	236	183	146	
138	171	217	298	478	807	1088	807	478	298	217	171	138	
122	149	186	248	379	583	759	583	379	248	186	149	122	

125	150	183	238	352	519	578	519	352	238	183	150	125
142	176	216	287	395	514	578	514	395	287	216	176	142
146	182	232	293	395	512	578	512	395	293	232	182	146
149	188	233	293	395	512	578	512	395	293	233	188	149
153	194	233	293	395	512	578	512	395	293	233	194	153
149	189	233	293	395	512	578	512	395	293	233	189	149
146	183	233	293	395	512	578	512	395	293	233	183	146
138	171	217	293	395	513	578	513	395	293	217	171	138
122	149	186	248	379	515	578	515	379	248	186	149	122



● F max. = 1410 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0580-0°

63	82	109	154	242	288	545	288	242	154	109	82	63	17
65	83	111	157	245	388	575	388	245	157	111	83	65	
66	85	114	162	259	443	638	443	259	162	114	85	66	
66	86	116	168	275	489	743	489	275	168	116	86	66	
67	88	119	175	293	534	889	534	293	175	119	88	67	
68	90	122	182	313	589	1058	589	313	182	122	90	68	8x20
68	89	122	182	315	596	1058	596	315	182	122	89	68	
67	87	119	176	297	544	948	544	297	176	119	87	67	
66	87	117	170	281	501	803	501	281	170	117	87	66	

177

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38
38	45	52	61	72	82	88	82	72	61	52	45	38

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-5°

65	82	110	159	245	305	531	305	245	159	110	82	65	17
65	84	111	161	252	390	597	390	252	161	111	84	65	
66	85	114	166	266	456	657	456	266	166	114	85	66	
67	87	117	173	283	506	769	506	283	173	117	87	67	
68	89	120	179	302	563	926	563	302	179	120	89	68	
68	90	123	186	324	635	1058	635	324	186	123	90	68	8x20
68	90	122	185	322	632	1058	632	322	185	122	90	68	
67	88	119	179	303	569	961	569	303	179	119	88	67	
67	87	117	173	287	517	812	517	287	173	117	87	67	

177

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

40	48	56	66	80	93	99	93	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40
40	48	56	66	80	92	99	92	80	66	56	48	40

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-10°

66	83	111	164	248	321	517	321	248	164	111	83	66	17
66	85	111	165	259	391	620	391	259	165	111	85	66	
66	86	114	171	274	469	676	469	274	171	114	86	66	
68	87	117	177	291	523	795	523	291	177	117	87	68	
68	90	121	184	311	591	964	591	311	184	121	90	68	
69	91	123	191	334	680	1058	680	334	191	123	91	69	8x20
68	90	122	189	329	668	1058	668	329	189	122	90	68	
68	89	119	183	309	593	974	593	309	183	119	89	68	
67	87	117	177	293	532	821	532	293	177	117	87	67	

177

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

42	51	61	72	87	103	111	103	87	72	61	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42
42	51	60	72	87	102	111	102	87	72	60	51	42

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-15°

66	83	110	157	235	329	483	329	235	157	110	83	66	17
66	85	110	160	256	372	603	372	256	160	110	85	66	
67	86	114	166	266	460	670	460	266	166	114	86	67	
68	88	117	173	285	518	798	518	285	173	117	88	68	
69	90	120	180	306	592	989	592	306	180	120	90	69	
69	90	122	186	329	691	1058	691	329	186	122	90	69	8x20
68	89	119	181	315	645	1058	645	315	181	119	89	68	
67	87	116	174	295	568	936	568	295	174	116	87	67	
67	86	115	170	281	503	798	503	281	170	115	86	67	

177

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44
44	53	63	76	95	114	124	114	95	76	63	53	44

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0580-20°

66	83	109	149	222	336	450	336	222	149	109	83	66	17
66	85	109	156	253	353	587	353	253	156	109	85	66	
68	86	113	161	259	452	663	452	259	161	113	86	68	
68	88	116	168	278	513	801	513	278	168	116	88	68	
70	90	120	176	300	593	1015	593	300	176	120	90	70	8x20
68	90	120	181	324	702	1058	702	324	181	120	90	68	177
68	87	117	173	302	622	1058	622	302	173	117	87	68	
67	86	114	166	281	542	899	542	281	166	114	86	67	
66	85	112	162	269	474	774	474	269	162	112	85	66	

47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47
47	56	66	81	102	125	137	125	102	81	66	56	47

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-25°

67	84	106	145	217	329	432	329	217	145	106	84	67	17
68	86	112	158	252	377	569	377	252	158	112	86	68	
69	88	115	164	266	464	683	464	266	164	115	88	69	
70	90	118	172	286	525	817	525	286	172	118	90	70	
72	92	122	179	309	610	1036	610	309	179	122	92	72	8x20
71	92	124	186	335	727	1058	727	335	186	124	92	71	177
70	90	120	178	313	639	1058	639	313	178	120	90	70	
69	89	117	171	291	556	911	556	291	171	117	89	69	
68	87	115	166	278	468	797	468	278	166	115	87	68	

50	60	72	89	114	140	154	140	114	89	72	60	50
50	60	72	89	113	140	154	140	113	89	72	60	50
50	60	72	89	113	139	154	139	113	89	72	60	50
50	60	72	89	113	139	154	139	113	89	72	60	50
50	60	72	89	113	139	154	139	113	89	72	60	50
50	60	72	89	113	139	154	139	113	89	72	60	50
50	60	72	89	113	139	154	139	113	89	72	60	50
50	60	72	89	113	139	154	139	113	89	72	60	50

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-30°

69	85	104	141	213	321	415	321	213	141	104	85	69	17
70	88	114	161	250	401	551	401	250	161	114	88	70	
71	90	116	167	272	475	702	475	272	167	116	90	71	
72	92	121	175	294	537	833	537	294	175	121	92	72	
73	94	124	183	319	627	1058	627	319	183	124	94	73	8x20
74	95	128	191	345	752	1058	752	345	191	128	95	74	177
73	93	123	183	324	657	1058	657	324	183	123	93	73	
72	92	121	176	301	570	923	570	301	176	121	92	72	
71	90	118	171	288	463	821	463	288	171	118	90	71	

54	64	78	97	125	154	171	154	125	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54
54	64	78	97	124	154	171	154	124	97	78	64	54

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-35°

72	87	108	145	219	328	420	328	219	145	108	87	72	17
74	94	121	166	260	413	560	413	260	166	121	94	74	
75	96	124	177	290	504	739	504	290	177	124	96	75	
77	98	128	185	313	568	870	568	313	185	128	98	77	
79	100	133	194	341	665	1058	665	341	194	133	100	79	8x20
79	102	136	203	371	803	1058	803	371	203	136	102	79	177
78	100	132	194	345	694	1058	694	345	194	132	100	78	
77	98	128	186	320	600	957	600	320	186	128	98	77	
76	96	125	181	305	485	830	485	305	181	125	96	76	

59	70	85	106	140	174	194	174	140	106	85	70	59
59	70	85	106	139	173	194	173	139	106	85	70	59
59	70	85	107	139	173	194	173	139	107	85	70	59
59	70	85	107	139	173	194	173	139	107	85	70	59
59	70	85	107	139	173	194	173	139	107	85	70	59
59	70	85	107	139	173	194	173	139	107	85	70	59
59	70	85	107	139	173	194	173	139	107	85	70	59
59	70	85	107	139	173	194	173	139	107	85	70	59

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

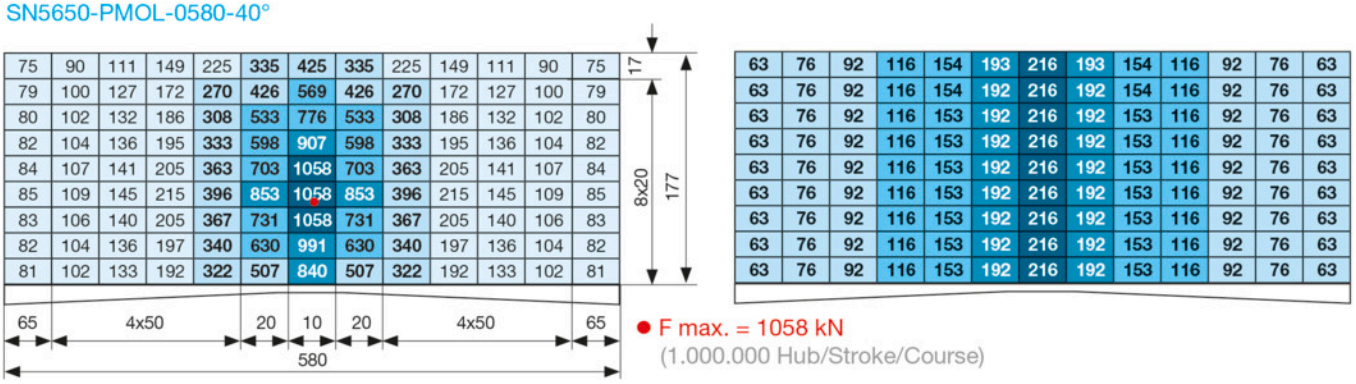
SN5650-PMOL-0580-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

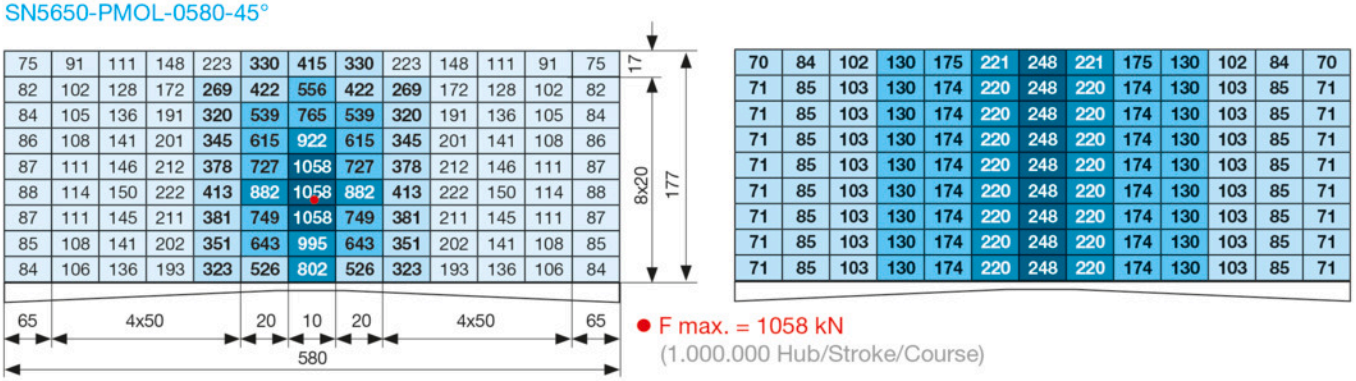
Passfeder
Fitting Key

SN5650-PMOL-0580-40°



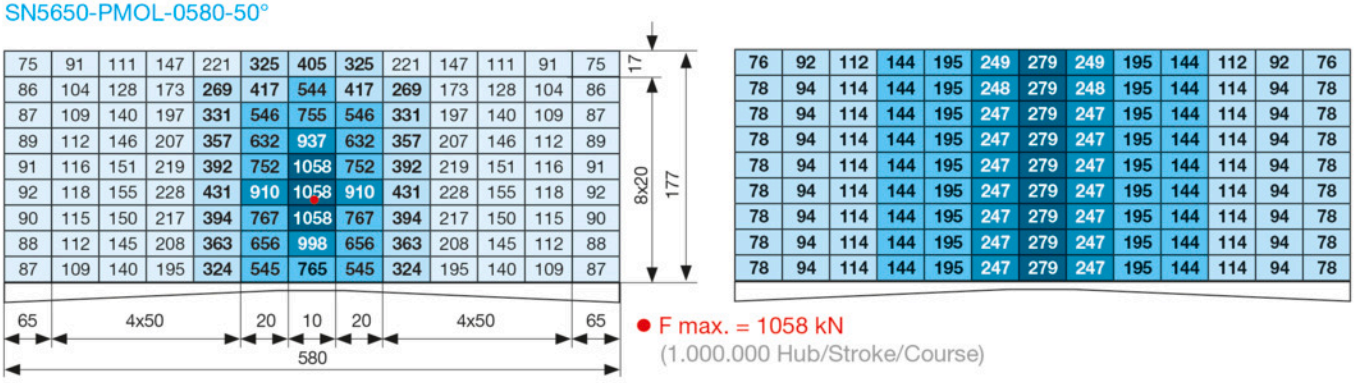
● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-45°



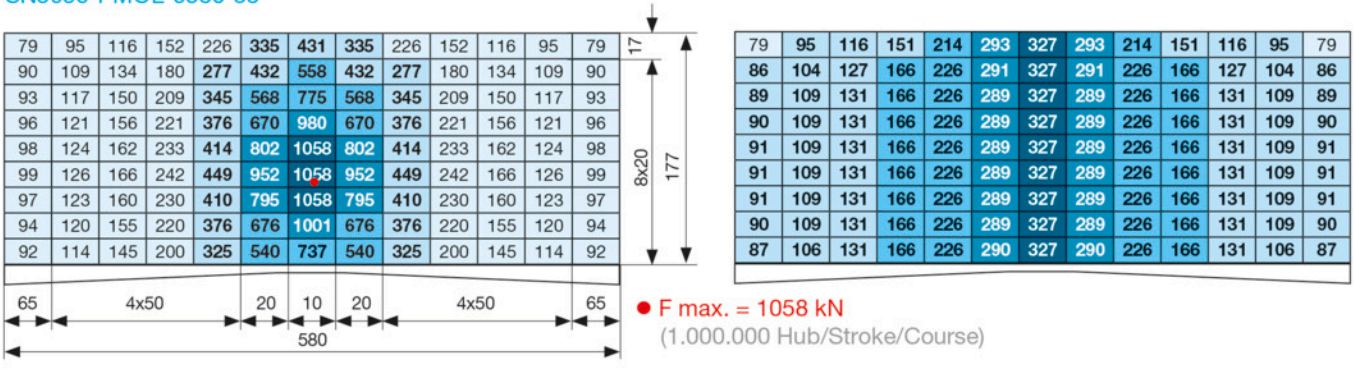
● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-50°



● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-55°



● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0580-

Schieberkräfte

Cam Force

Abschulterung

Shouldering

Passfeder

Fitting Key

SN5650-PMOL-0580-60°

82	99	121	157	232	344	458	344	232	157	121	99	82	17
94	114	140	187	286	446	572	446	286	187	140	114	94	
100	125	160	221	358	589	795	589	358	221	160	125	100	
102	129	166	234	396	708	1023	708	396	234	166	129	102	
105	133	173	248	436	853	1058	853	436	248	173	133	105	8x20
106	135	176	256	467	995	1058	995	467	256	176	135	106	177
104	131	170	243	426	823	1058	823	426	243	170	131	104	
101	128	164	231	390	696	1005	696	390	231	164	128	101	
96	118	149	204	326	535	710	535	326	204	149	118	96	

65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

82	99	121	157	232	336	376	336	232	157	121	99	82
94	114	140	188	257	333	376	333	257	188	140	114	94
100	123	149	189	257	332	376	332	257	189	149	123	100
102	123	149	189	257	332	376	332	257	189	149	123	102
103	123	149	189	257	332	376	332	257	189	149	123	103
103	123	149	189	257	332	376	332	257	189	149	123	103
103	123	149	189	257	332	376	332	257	189	149	123	103
101	123	149	189	257	332	376	332	257	189	149	123	101
96	118	149	189	257	333	376	333	257	189	149	118	96

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0580-65°

95	114	138	180	264	403	545	403	264	180	138	114	95	17
106	132	163	215	329	525	678	525	329	215	163	132	106	
109	137	174	242	392	670	916	670	392	242	174	137	109	
112	141	182	257	436	814	1058	814	436	257	182	141	112	
115	145	190	274	485	1008	1058	1008	485	274	190	145	115	8x20
112	142	184	263	461	926	1058	926	461	263	184	142	112	177
109	137	177	250	419	770	1058	770	419	250	177	137	109	
104	128	163	223	359	605	816	605	359	223	163	128	104	
92	112	140	186	284	437	569	437	284	186	140	112	92	

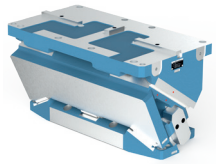
65 | 4x50 | 20 | 10 | 20 | 4x50 | 65

580

94	113	137	178	264	389	434	389	264	178	137	113	94
106	132	162	215	296	386	434	386	296	215	162	132	106
109	137	174	220	296	384	434	384	296	220	174	137	109
112	141	175	220	296	384	434	384	296	220	175	141	112
115	145	175	220	296	384	434	384	296	220	175	145	115
112	142	175	220	296	384	434	384	296	220	175	142	112
109	137	175	220	296	384	434	384	296	220	175	137	109
104	128	163	220	296	385	434	385	296	220	163	128	104
92	112	140	186	284	386	434	386	284	186	140	112	92

● F max. = 1058 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

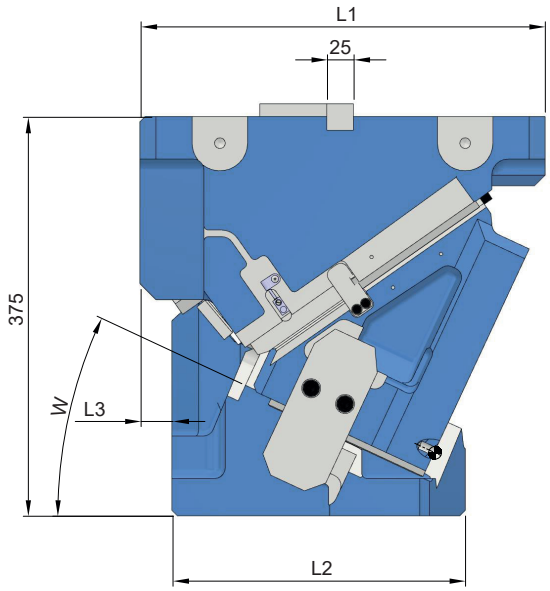


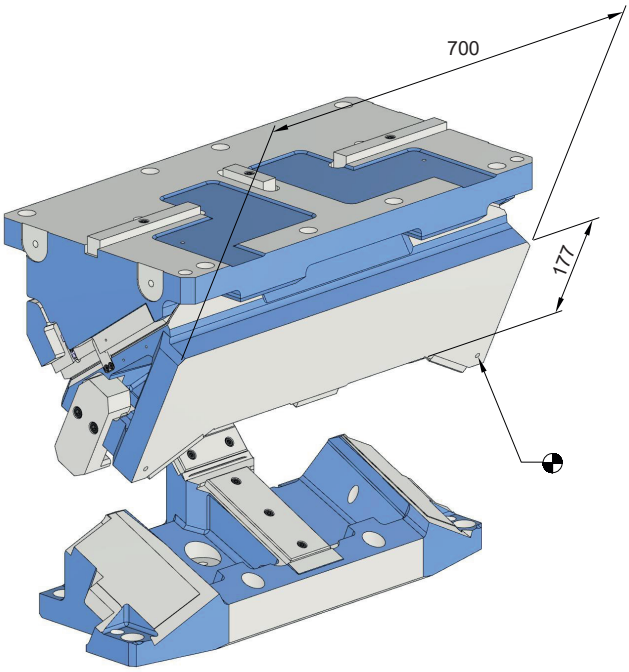
SN5650-PMOL-0700-

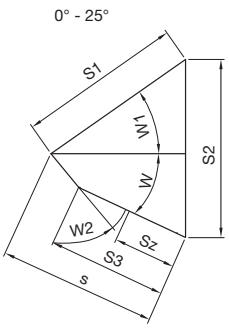
Oben hängender Schieber

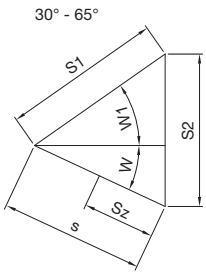
Aerial cam unit

Arbeitsfläche	*Working area*	700 x 177 mm
Schieberbreite max.	*Cam unit width max.*	700 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	1722 kN









Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

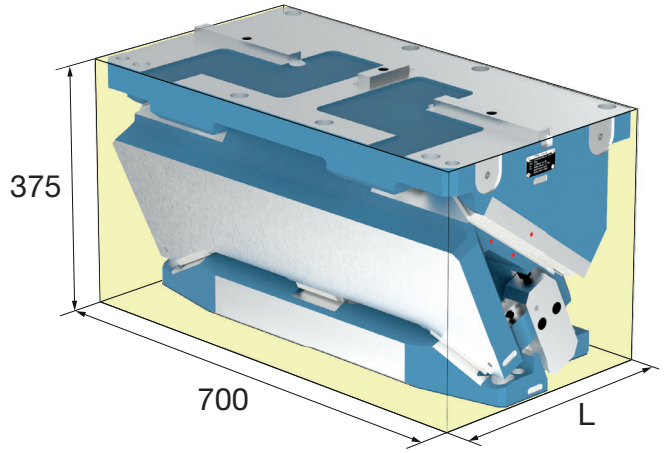
Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

D 1801D 06.2022

SN5650-PMOL-0700-

Oben hängender Schieber

Aerial cam unit



E0



E1



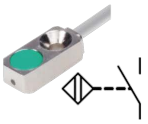
G0



S0



S1

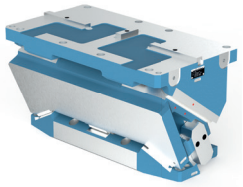


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

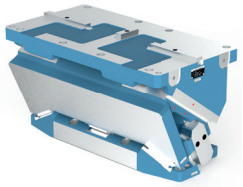
G = Gasdruckfeder
Gas spring
SE =Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0700-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0700-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0700-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0700-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E0-G0-S0-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0700-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0700-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0700-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0700-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0700-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0700-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0700-50-E1-G1-S1-V04

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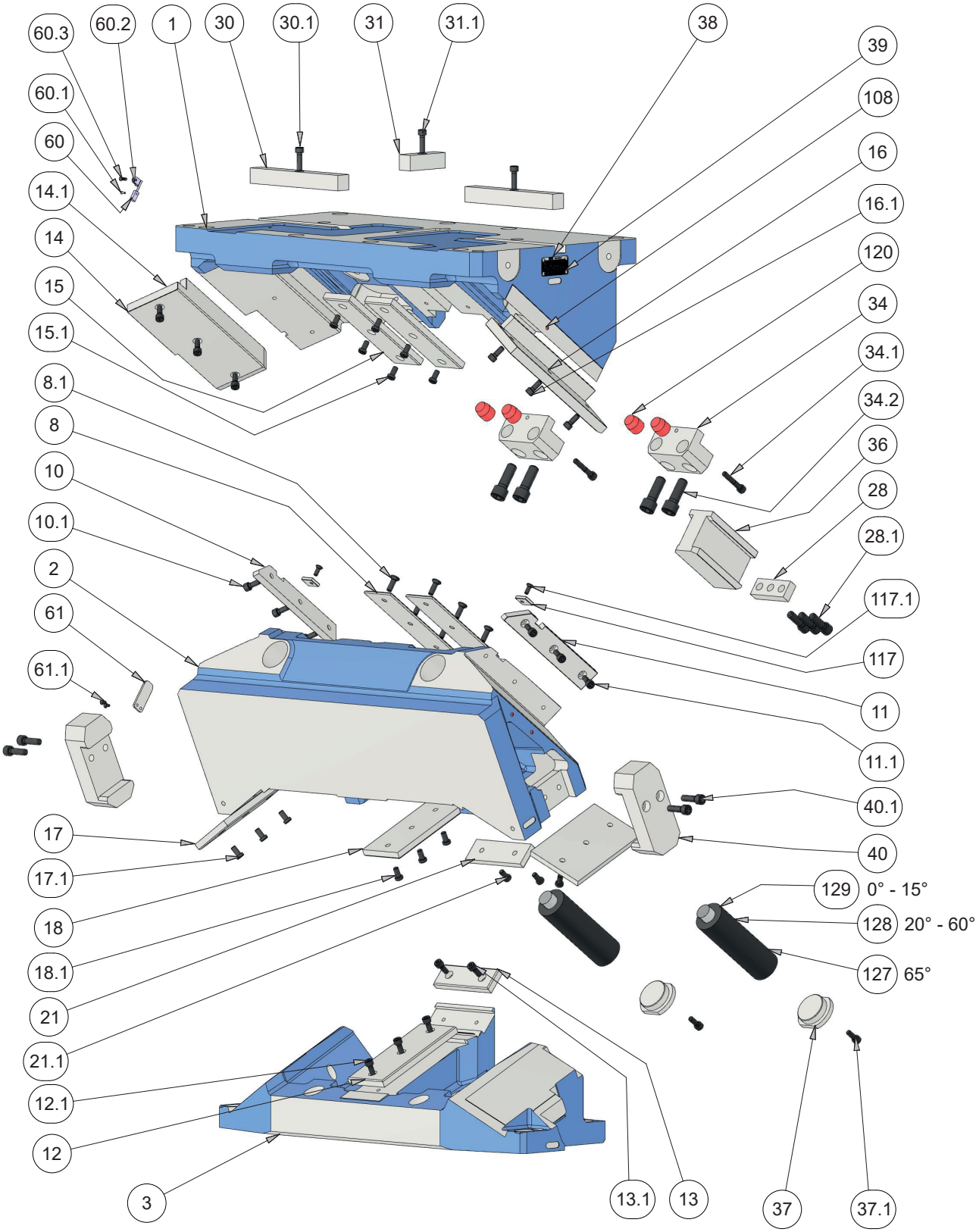


W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E0-G0-S0-V04
55°	E0	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E0-G0-S1-V04
55°	E0	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E0-G1-S0-V04
55°	E0	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E0-G1-S1-V04
55°	E1	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E1-G0-S0-V04
55°	E1	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E1-G0-S1-V04
55°	E1	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E1-G1-S0-V04
55°	E1	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0700-55-E1-G1-S1-V04
60°	E0	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E0-G0-S0-V04
60°	E0	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E0-G0-S1-V04
60°	E0	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E0-G1-S0-V04
60°	E0	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E0-G1-S1-V04
60°	E1	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E1-G0-S0-V04
60°	E1	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E1-G0-S1-V04
60°	E1	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E1-G1-S0-V04
60°	E1	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0700-60-E1-G1-S1-V04
65°	E0	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E0-G0-S0-V04
65°	E0	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E0-G0-S1-V04
65°	E0	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E0-G1-S0-V04
65°	E0	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E0-G1-S1-V04
65°	E1	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E1-G0-S0-V04
65°	E1	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E1-G0-S1-V04
65°	E1	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E1-G1-S0-V04
65°	E1	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0700-65-E1-G1-S1-V04

SN5650-PMOL-0700-

Bauteile

Components



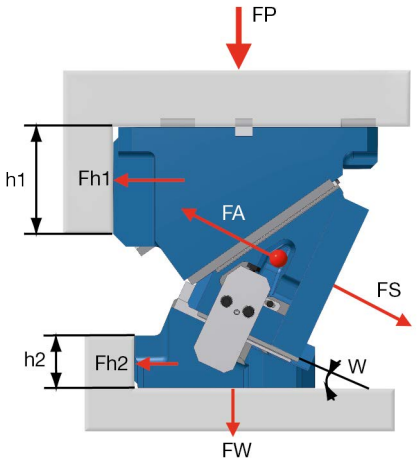
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-0700-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1722	1654	1752	1654	-30	190	50	78
05°	1722	1662	1618	1513	91	180	65	83
10°	1722	1671	1484	1372	211	170	80	88
15°	1722	1678	1368	1234	289	163	78	93
20°	1722	1685	1251	1096	367	155	75	97
25°	1722	1691	1147	966	408	145	88	98
30°	1722	1697	1043	836	448	135	100	98
35°	1722	1703	948	719	457	133	100	99
40°	1722	1708	854	601	465	130	100	100
45°	1722	1713	766	500	447	120	115	100
50°	1722	1718	678	399	429	110	130	100
55°	1722	1723	595	317	389	100	148	100
60°	1722	1727	513	236	348	90	165	100
65°	1722	1727	447	236	281	90	165	100



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1291	1252	1321	1252	-30	190	50	78
05°	1291	1258	1219	1146	61	180	65	83
10°	1291	1264	1118	1040	153	170	80	88
15°	1291	1269	1030	936	212	163	78	93
20°	1291	1274	942	833	271	155	75	97
25°	1291	1279	863	735	302	145	88	98
30°	1291	1283	784	638	333	135	100	98
35°	1291	1287	641	549	341	133	100	99
40°	1291	1291	641	461	348	130	100	100
45°	1291	1294	575	385	335	120	115	100
50°	1291	1297	508	309	321	110	130	100
55°	1291	1301	446	247	392	100	148	100
60°	1291	1304	383	186	262	90	165	100
65°	1291	1302	333	132	212	90	165	100

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

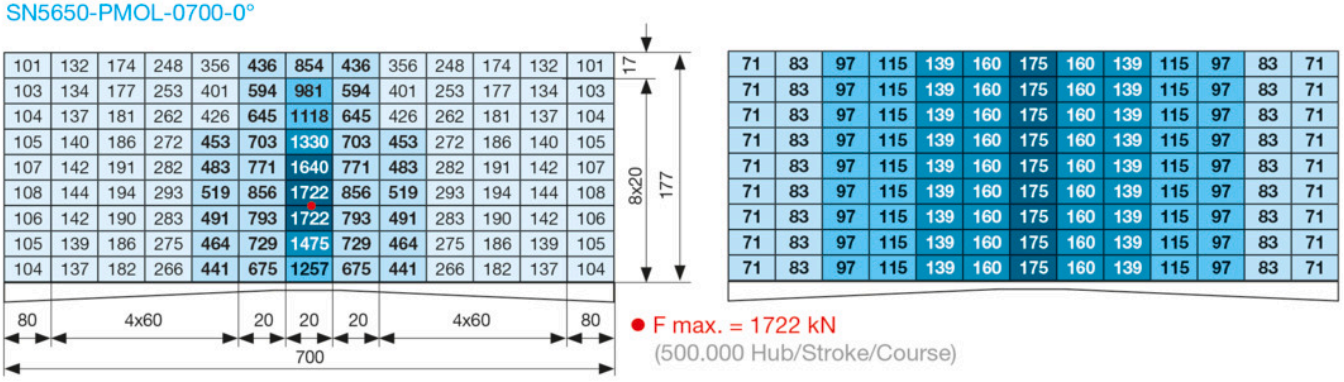
SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

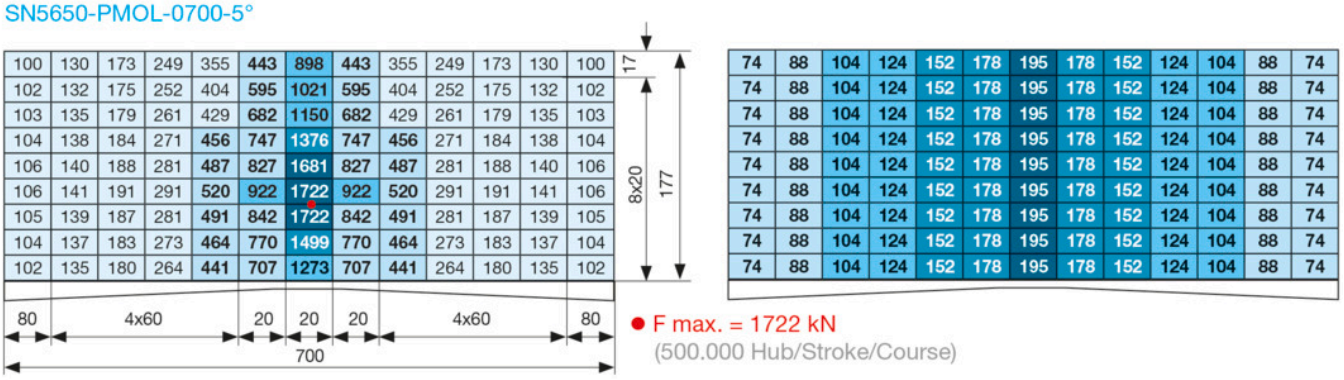
SN5650-PMOL-0700-0°



71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71
71	83	97	115	139	160	175	160	139	115	97	83	71

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

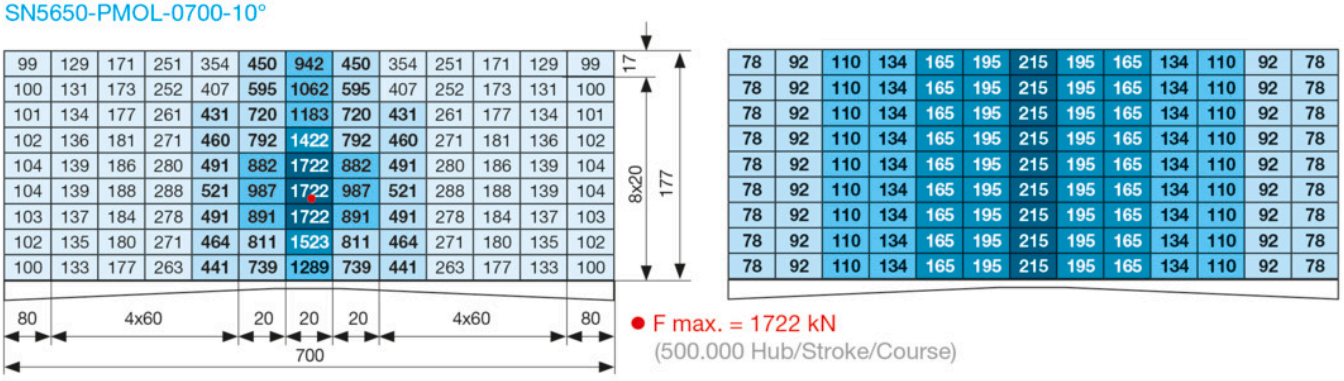
SN5650-PMOL-0700-5°



74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74
74	88	104	124	152	178	195	178	152	124	104	88	74

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

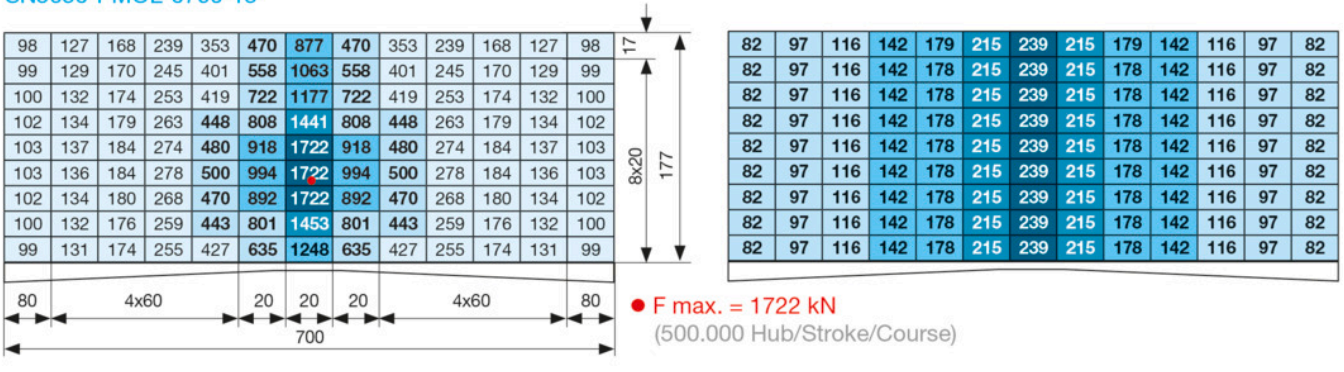
SN5650-PMOL-0700-10°



78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78
78	92	110	134	165	195	215	195	165	134	110	92	78

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-15°



82	97	116	142	179	215	239	215	179	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82
82	97	116	142	178	215	239	215	178	142	116	97	82

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0700-20°

96	126	164	227	352	490	813	490	352	227	164	126	96
97	127	166	237	395	522	1065	522	395	237	166	127	97
99	130	171	245	406	724	1171	724	406	245	171	130	99
101	132	176	255	436	824	1460	824	436	255	176	132	101
102	135	181	267	469	954	1722	954	469	267	181	135	102
101	134	180	268	480	1001	1722	1001	480	268	180	134	101
100	132	176	258	450	892	1722	892	450	258	176	132	100
98	129	171	248	422	792	1383	792	422	248	171	129	98
98	129	171	247	413	530	1206	530	413	247	171	129	98

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

86	102	122	151	192	234	264	234	192	151	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86
86	102	122	150	191	234	264	234	191	150	122	102	86

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-25°

101	130	166	228	353	518	786	518	353	228	166	130	101
102	132	172	246	402	560	1043	560	402	246	172	132	102
103	135	177	253	421	744	1188	744	421	253	177	135	103
105	137	182	264	453	849	1487	849	453	264	182	137	105
107	141	187	277	489	989	1722	989	489	277	187	141	107
106	140	187	277	500	1047	1722	1047	500	277	187	140	106
105	137	183	267	467	920	1722	920	467	267	183	137	105
103	134	178	257	438	816	1408	816	438	257	178	134	103
102	133	175	251	418	572	1182	572	418	251	175	133	102

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

92	110	131	163	211	260	294	260	211	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92
92	110	131	163	210	260	294	260	210	163	131	110	92

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-30°

105	134	168	228	353	546	760	546	353	228	168	134	105
106	137	178	256	410	599	1020	599	410	256	178	137	106
107	140	183	262	435	764	1205	764	435	262	183	140	107
109	143	188	274	469	875	1513	875	469	274	188	143	109
111	147	194	286	509	1023	1722	1023	509	286	194	147	111
110	146	194	287	521	1093	1722	1093	521	287	194	146	110
109	143	189	276	484	947	1722	947	484	276	189	143	109
107	140	184	266	455	840	1434	840	455	266	184	140	107
106	138	179	256	423	613	1158	613	423	256	179	138	106

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

97	117	141	176	230	286	325	286	230	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97
97	117	141	176	229	285	325	285	229	176	141	117	97

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-35°

114	142	178	239	369	562	771	562	369	239	178	142	114
117	150	193	271	432	653	1037	653	432	271	193	150	117
118	153	198	282	469	812	1264	812	469	282	198	153	118
121	156	204	295	507	934	1584	934	507	295	204	156	121
123	160	211	310	553	1099	1722	1099	553	310	211	160	123
122	159	211	311	565	1172	1722	1172	565	311	211	159	122
120	156	205	298	524	1010	1722	1010	524	298	205	156	120
118	153	200	287	492	891	1504	891	492	287	200	153	118
116	149	192	272	447	671	1161	671	447	272	192	149	116

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

106	127	154	193	256	320	365	320	256	193	154	127	106
106	127	154	193	255	319	365	319	255	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106
106	127	154	193	254	319	365	319	254	193	154	127	106

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

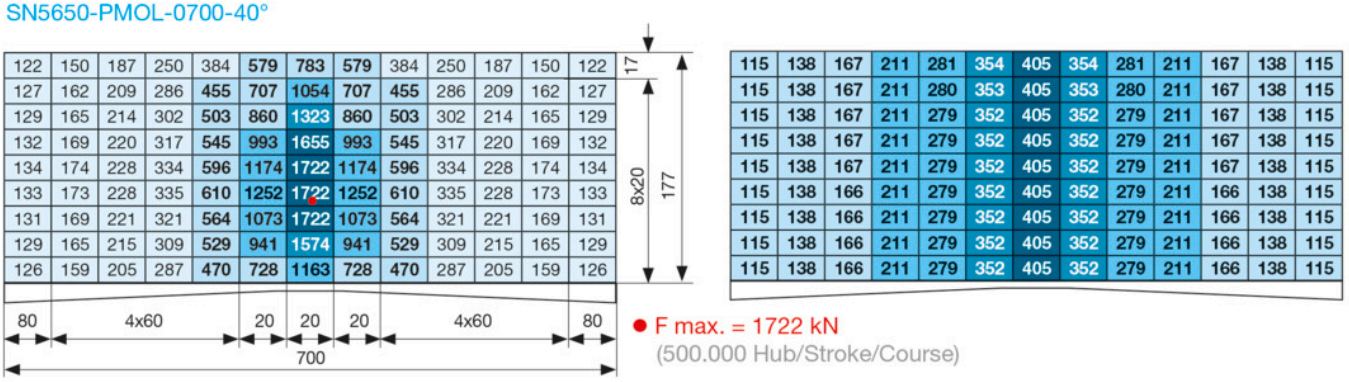
SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

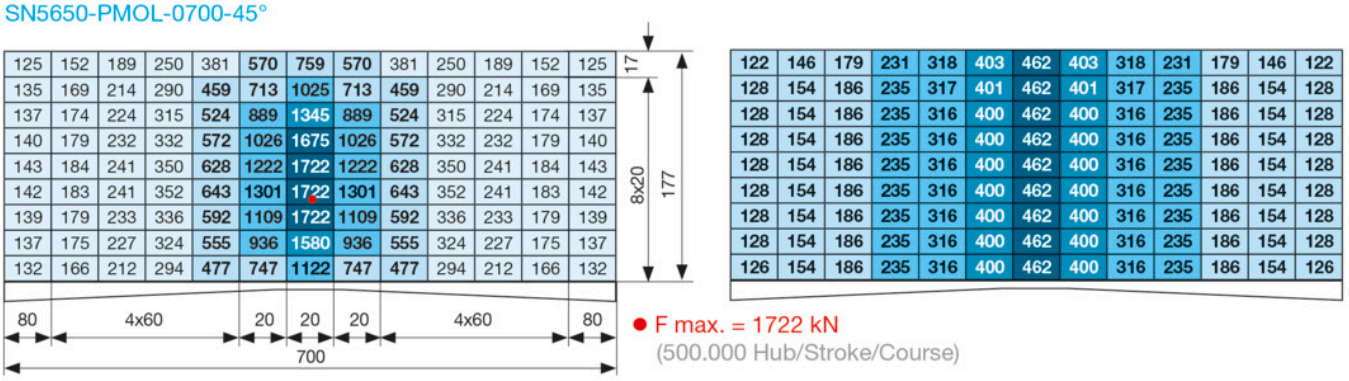
Passfeder
Fitting Key

SN5650-PMOL-0700-40°



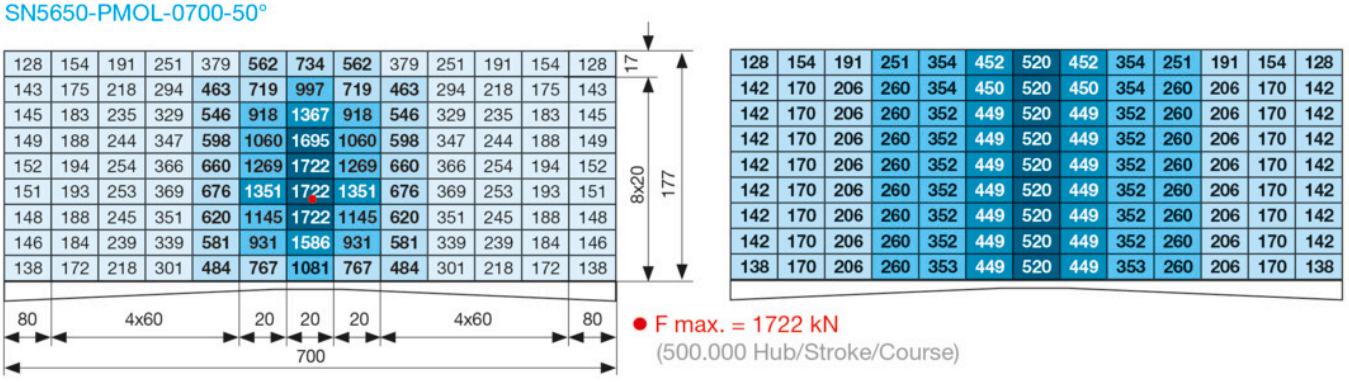
● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-45°



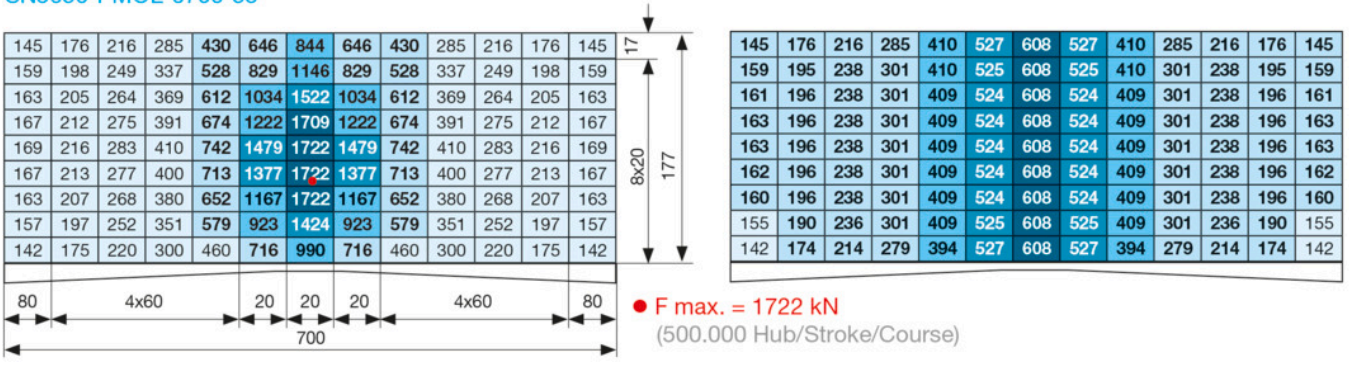
● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-50°



● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-55°



● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0700-60°

162	197	242	320	481	730	953	730	481	320	242	197	162	17
176	220	280	379	593	939	1295	939	593	379	280	220	176	
181	227	292	408	677	1150	1678	1150	677	408	292	227	181	
185	235	305	434	750	1384	1722	1384	750	434	305	235	185	
187	239	313	454	824	1689	1722	1689	824	454	313	239	187	8x20
183	232	301	430	750	1402	1722	1402	750	430	301	232	183	
179	225	290	408	684	1188	1722	1188	684	408	290	225	179	
168	210	266	363	577	915	1261	915	577	363	266	210	168	
146	178	222	298	435	666	899	666	435	298	222	178	146	177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

162	197	242	320	465	603	696	603	465	320	242	197	162
176	220	270	341	465	601	696	601	465	341	270	220	176
181	222	270	341	465	600	696	600	465	341	270	222	181
185	222	270	341	465	600	696	600	465	341	270	222	185
185	222	270	341	465	600	696	600	465	341	270	222	185
183	222	270	341	465	600	696	600	465	341	270	222	183
179	222	270	341	465	600	696	600	465	341	270	222	179
168	210	266	341	465	601	696	601	465	341	266	210	168
146	178	222	298	435	605	696	605	435	298	222	178	146

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-65°

153	180	219	283	364	569	768	569	364	283	219	180	153	17
179	215	264	350	523	784	1039	784	523	350	264	215	179	
189	238	306	420	660	1034	1410	1034	660	420	306	238	189	
193	243	315	445	740	1262	1722	1262	740	445	315	243	193	
196	249	324	462	812	1552	1722	1552	812	462	324	249	196	8x20
191	243	317	454	799	1568	1722	1568	799	454	317	243	191	
187	236	304	428	724	1303	1722	1303	724	428	304	236	187	
173	217	278	387	629	1053	1527	1053	629	387	278	217	173	
145	180	228	312	495	769	1050	769	495	312	228	180	145	177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

153	180	219	283	364	569	768	569	364	283	219	180	153
179	215	264	350	523	695	800	695	523	350	264	215	179
189	238	306	398	536	693	800	693	536	398	306	238	189
193	243	315	398	536	692	800	692	536	398	315	243	193
196	249	315	398	536	692	800	692	536	398	315	249	196
191	243	315	398	536	692	800	692	536	398	315	243	191
187	236	304	398	536	692	800	692	536	398	304	236	187
173	217	278	387	536	693	800	693	536	387	278	217	173
145	180	228	312	495	696	800	696	495	312	228	180	145

● F max. = 1722 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0700-0°

76	99	131	186	267	327	640	327	267	186	131	99	76	17
77	100	133	190	301	445	735	445	301	190	133	100	77	
78	103	136	196	319	483	838	483	319	196	136	103	78	
79	105	139	204	339	527	997	527	339	204	139	105	79	
80	106	143	212	362	578	1229	578	362	212	143	106	80	8x20
81	108	145	220	389	642	1291	642	389	220	145	108	81	177
80	106	142	212	368	594	1291	594	368	212	142	106	80	
79	104	139	206	348	546	1106	546	348	206	139	104	79	
78	103	136	199	330	506	942	506	330	199	136	103	78	

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53
53	62	73	86	104	120	131	120	104	86	73	62	53

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-5°

75	98	129	187	266	332	673	332	266	187	129	98	75	17
76	99	131	189	303	446	766	446	303	189	131	99	76	
77	101	134	196	321	511	862	511	321	196	134	101	77	
78	103	138	203	342	560	1031	560	342	203	138	103	78	
79	105	141	211	365	620	1260	620	365	211	141	105	79	
80	106	143	218	389	691	1291	691	389	218	143	106	80	8x20
79	104	140	211	368	631	1291	631	368	211	140	104	79	177
78	103	137	204	348	577	1124	577	348	204	137	103	78	
77	101	135	198	330	530	954	530	330	198	135	101	77	

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56
56	66	78	93	114	133	146	133	114	93	78	66	56

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-10°

74	97	128	188	266	337	706	337	266	188	128	97	74	17
75	98	130	189	305	446	796	446	305	189	130	98	75	
76	100	133	195	323	540	886	540	323	195	133	100	76	
77	102	136	203	344	594	1066	594	344	203	136	102	77	
78	104	139	210	368	661	1291	661	368	210	139	104	78	
78	104	141	216	390	740	1291	740	390	216	141	104	78	8x20
77	103	138	209	368	667	1291	667	368	209	138	103	77	177
77	101	135	203	348	608	1142	608	348	203	135	101	77	
75	100	133	197	330	554	966	554	330	197	133	100	75	

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58
58	69	83	100	124	146	161	146	124	100	83	69	58

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-15°

73	96	126	179	265	352	657	352	265	179	126	96	73	17
74	97	127	183	301	419	797	419	301	183	127	97	74	
75	99	131	190	314	541	882	541	314	190	131	99	75	
76	100	134	197	336	605	1080	605	336	197	134	100	76	
77	103	138	205	360	688	1291	688	360	205	138	103	77	
77	102	138	208	375	745	1291	745	375	208	138	102	77	8x20
76	101	135	201	353	668	1291	668	353	201	135	101	76	177
75	99	132	194	332	601	1089	601	332	194	132	99	75	
74	98	131	191	320	476	935	476	320	191	131	98	74	

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

61	73	87	107	134	161	179	161	134	107	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61
61	73	87	106	133	161	179	161	133	106	87	73	61

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

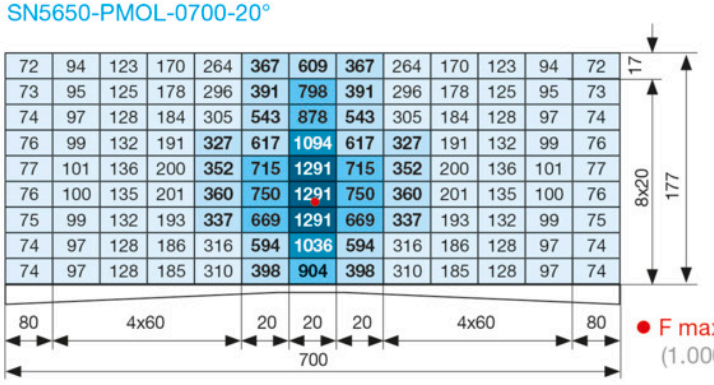
SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0700-20°

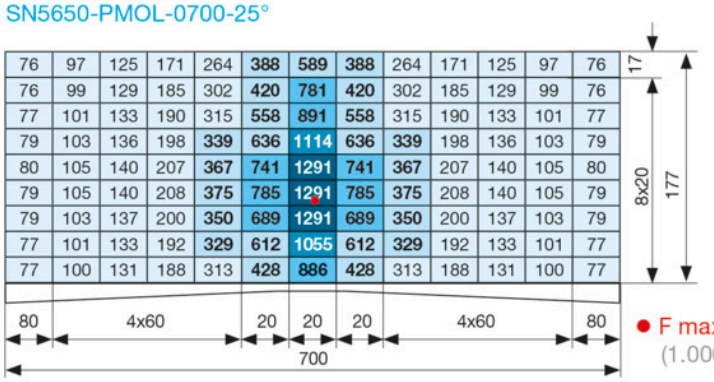


72	94	123	170	264	367	609	367	264	170	123	94	72	17
73	95	125	178	296	391	798	391	296	178	125	95	73	
74	97	128	184	305	543	878	543	305	184	128	97	74	
76	99	132	191	327	617	1094	617	327	191	132	99	76	
77	101	136	200	352	715	1291	715	352	200	136	101	77	
76	100	135	201	360	750	1291	750	360	201	135	100	76	
75	99	132	193	337	669	1291	669	337	193	132	99	75	
74	97	128	186	316	594	1036	594	316	186	128	97	74	
74	97	128	185	310	398	904	398	310	185	128	97	74	

64	77	91	113	144	176	198	176	144	113	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64
64	77	91	112	143	176	198	176	143	112	91	77	64

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-25°

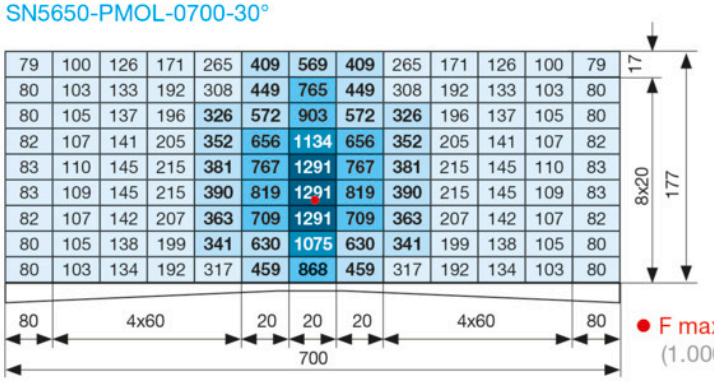


76	97	125	171	264	388	589	388	264	171	125	97	76	17
76	99	129	185	302	420	781	420	302	185	129	99	76	
77	101	133	190	315	558	891	558	315	190	133	101	77	
79	103	136	198	339	636	1114	636	339	198	136	103	79	
80	105	140	207	367	741	1291	741	367	207	140	105	80	
79	105	140	208	375	785	1291	785	375	208	140	105	79	
79	103	137	200	350	689	1291	689	350	200	137	103	79	
77	101	133	192	329	612	1055	612	329	192	133	101	77	
77	100	131	188	313	428	886	428	313	188	131	100	77	

69	82	98	122	158	195	221	195	158	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69
69	82	98	122	157	195	221	195	157	122	98	82	69

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-30°

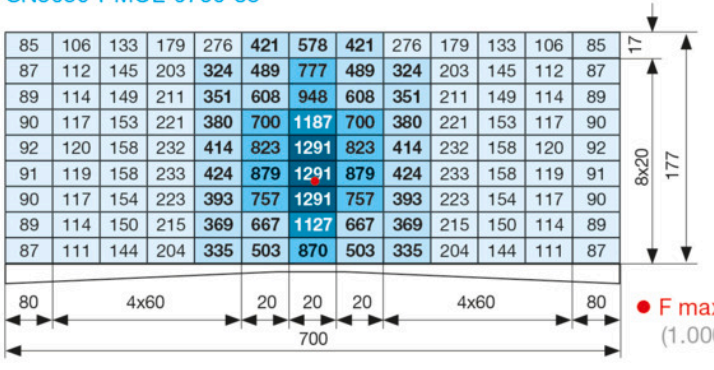


79	100	126	171	265	409	569	409	265	171	126	100	79	17
80	103	133	192	308	449	765	449	308	192	133	103	80	
80	105	137	196	326	572	903	572	326	196	137	105	80	
82	107	141	205	352	656	1134	656	352	205	141	107	82	
83	110	145	215	381	767	1291	767	381	215	145	110	83	
83	109	145	215	390	819	1291	819	390	215	145	109	83	
82	107	142	207	363	709	1291	709	363	207	142	107	82	
80	105	138	199	341	630	1075	630	341	199	138	105	80	
80	103	134	192	317	459	868	459	317	192	134	103	80	

73	88	105	132	173	215	243	215	173	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73
73	88	105	132	172	214	243	214	172	132	105	88	73

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-35°



85	106	133	179	276	421	578	421	276	179	133	106	85	17
87	112	145	203	324	489	777	489	324	203	145	112	87	
89	114	149	211	351	608	948	608	351	211	149	114	89	
90	117	153	221	380	700	1187	700	380	221	153	117	90	
92	120	158	232	414	823	1291	823	414	232	158	120	92	
91	119	158	233	424	879	1291	879	424	233	158	119	91	
90	117	154	223	393	757	1291	757	393	223	154	117	90	
89	114	150	215	369	667	1127	667	369	215	150	114	89	
87	111	144	204	335	503	870	503	335	204	144	111	87	

80	96	115	145	192	240	274	240	192	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80
80	96	115	145	191	239	274	239	191	145	115	96	80

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0700-40°

91	112	140	187	288	434	587	434	288	187	140	112	91
95	122	156	215	341	530	790	530	341	215	156	122	95
97	124	160	226	377	645	992	645	377	226	160	124	97
99	127	165	237	409	744	1240	744	409	237	165	127	99
100	131	171	250	447	880	1291	880	447	250	171	131	100
100	130	171	251	457	938	1291	938	457	251	171	130	100
98	127	166	240	423	804	1291	804	423	240	166	127	98
97	124	162	232	397	705	1180	705	397	232	162	124	97
94	119	153	215	353	546	872	546	353	215	153	119	94

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

86	103	125	158	211	266	304	266	211	158	125	103	86
86	103	125	158	210	265	304	265	210	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86
86	103	125	158	209	264	304	264	209	158	125	103	86

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-45°

94	114	142	188	286	427	569	427	286	188	142	114	94
101	126	160	218	344	534	768	534	344	218	160	126	101
103	131	168	236	393	666	1008	666	393	236	168	131	103
105	134	174	249	428	769	1256	769	428	249	174	134	105
107	138	181	262	471	916	1291	916	471	262	181	138	107
106	137	180	264	482	975	1291	975	482	264	180	137	106
104	134	175	252	444	831	1291	831	444	252	175	134	104
103	131	170	243	416	701	1184	701	416	243	170	131	103
99	124	159	221	358	560	841	560	358	221	159	124	99

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

91	110	134	173	238	302	347	302	238	173	134	110	91
96	115	140	176	238	301	347	301	238	176	140	115	96
96	115	140	176	237	300	347	300	237	176	140	115	96
96	115	140	176	237	300	347	300	237	176	140	115	96
96	115	140	176	237	300	347	300	237	176	140	115	96
96	115	139	176	237	300	347	300	237	176	139	115	96
96	115	139	176	237	300	347	300	237	176	139	115	96
96	115	139	176	237	300	347	300	237	176	139	115	96
95	115	139	176	237	300	347	300	237	176	139	115	95

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-50°

96	116	143	188	284	421	550	421	284	188	143	116	96
107	131	164	221	347	539	747	539	347	221	164	131	107
108	137	176	246	409	688	1024	688	409	246	176	137	108
111	141	183	260	448	794	1271	794	448	260	183	141	111
114	145	190	274	495	951	1291	951	495	274	190	145	114
113	145	190	277	507	1013	1291	1013	507	277	190	145	113
111	141	184	263	465	858	1291	858	465	263	184	141	111
109	138	179	254	435	698	1189	698	435	254	179	138	109
103	129	164	226	363	575	811	575	363	226	164	129	103

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

96	116	143	188	266	339	389	339	266	188	143	116	96
106	128	154	195	266	337	389	337	266	195	154	128	106
106	128	154	195	264	336	389	336	264	195	154	128	106
106	128	154	195	264	336	389	336	264	195	154	128	106
106	128	154	195	264	336	389	336	264	195	154	128	106
106	128	154	195	264	336	389	336	264	195	154	128	106
106	128	154	195	264	336	389	336	264	195	154	128	106
106	128	154	195	264	336	389	336	264	195	154	128	106
103	128	154	195	265	336	389	336	265	195	154	128	103

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-55°

109	132	162	214	322	484	632	484	322	214	162	132	109
119	148	187	252	396	621	859	621	396	252	187	148	119
122	154	198	276	458	775	1141	775	458	276	198	154	122
125	159	206	293	505	916	1281	916	505	293	206	159	125
127	162	212	307	556	1108	1291	1108	556	307	212	162	127
125	159	208	299	534	1032	1291	1032	534	299	208	159	125
122	155	201	285	489	874	1291	874	489	285	201	155	122
118	148	189	263	434	692	1067	692	434	263	189	148	118
106	131	165	225	344	537	742	537	344	225	165	131	106

17 | 8x20 | 177

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

109	132	162	214	307	395	455	395	307	214	162	132	109
119	146	178	225	307	394	455	394	307	225	178	146	119
121	147	178	225	306	393	455	393	306	225	178	147	121
122	147	178	225	306	393	455	393	306	225	178	147	122
122	147	178	225	306	393	455	393	306	225	178	147	122
122	147	178	225	306	393	455	393	306	225	178	147	122
120	147	178	225	306	393	455	393	306	225	178	147	120
116	142	177	225	306	393	455	393	306	225	177	142	116
106	131	160	209	295	395	455	395	295	209	160	131	106

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0700-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0700-60°

122	148	181	240	361	547	715	547	361	240	181	148	122	17
132	165	210	284	445	704	971	704	445	284	210	165	132	
136	170	219	306	507	862	1257	862	507	306	219	170	136	
139	176	229	325	562	1037	1291	1037	562	325	229	176	139	
140	179	235	340	617	1266	1291	1266	617	340	235	179	140	8x20
137	174	226	322	562	1051	1291	1051	562	322	226	174	137	177
134	169	218	306	513	890	1291	890	513	306	218	169	134	
126	157	199	272	432	686	945	686	432	272	199	157	126	
109	133	167	223	326	499	674	499	326	223	167	133	109	

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

122	148	181	240	349	452	521	452	349	240	181	148	122
132	165	202	256	349	451	521	451	349	256	202	165	132
136	167	202	256	349	450	521	450	349	256	202	167	136
139	167	202	256	349	450	521	450	349	256	202	167	139
139	167	202	256	349	450	521	450	349	256	202	167	139
137	167	202	256	349	450	521	450	349	256	202	167	137
134	167	202	256	349	450	521	450	349	256	202	167	134
126	157	199	256	349	451	521	451	349	256	199	157	126
109	133	167	223	326	454	521	454	326	223	167	133	109

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0700-65°

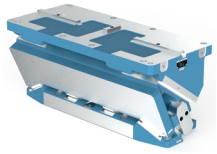
114	135	164	212	273	426	575	426	273	212	164	135	114	17
134	162	198	263	392	588	779	588	392	263	198	162	134	
142	178	229	315	495	775	1057	775	495	315	229	178	142	
145	182	236	333	555	946	1291	946	555	333	236	182	145	
147	187	243	347	608	1163	1291	1163	608	347	243	187	147	8x20
143	182	237	340	599	1176	1291	1176	599	340	237	182	143	177
140	177	228	321	543	976	1291	976	543	321	228	177	140	
130	163	209	290	471	789	1145	789	471	290	209	163	130	
108	135	171	234	371	576	787	576	371	234	171	135	108	

80 | 4x60 | 20 | 20 | 20 | 4x60 | 80

700

114	135	164	212	273	426	575	426	273	212	164	135	114
134	162	198	263	392	521	600	521	392	263	198	162	134
142	178	229	298	402	519	600	519	402	298	229	178	142
145	182	236	298	402	518	600	518	402	298	236	182	145
147	187	236	298	402	518	600	518	402	298	236	187	147
143	182	236	298	402	518	600	518	402	298	236	182	143
140	177	228	298	402	518	600	518	402	298	228	177	140
130	163	209	290	402	519	600	519	402	290	209	163	130
108	135	171	234	371	521	600	521	371	234	171	135	108

● F max. = 1291 kN
(1.000.000 Hub/Stroke/Course)

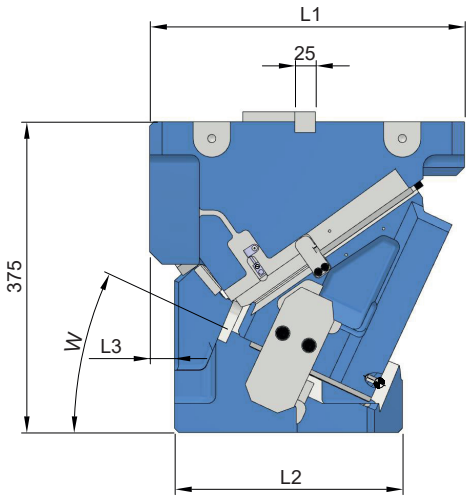


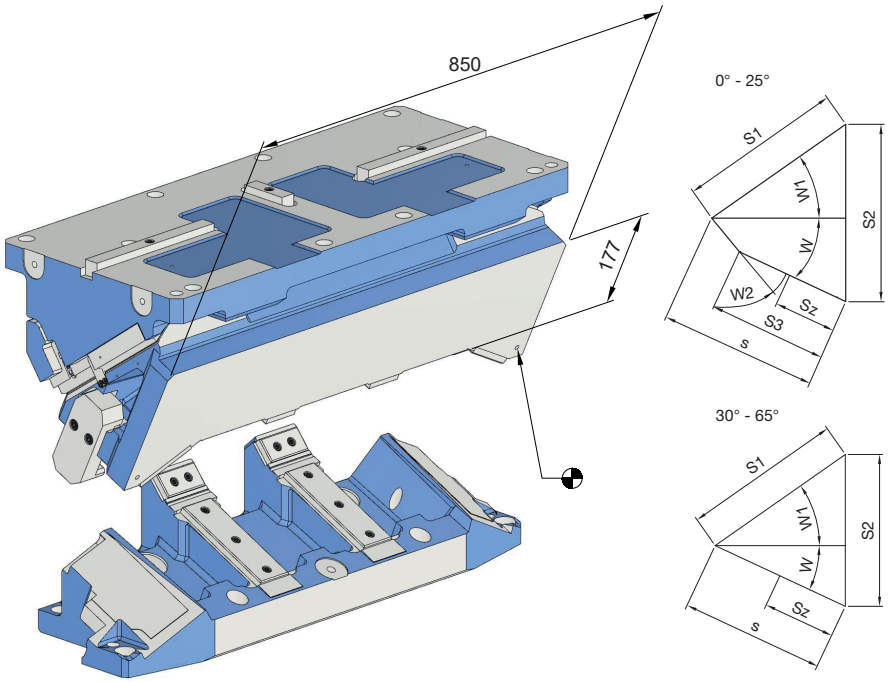
SN5650-PMOL-0850-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	850 x 177 mm
Schieberbreite max.	*Cam unit width max.*	850 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	1950 kN





Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended

Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

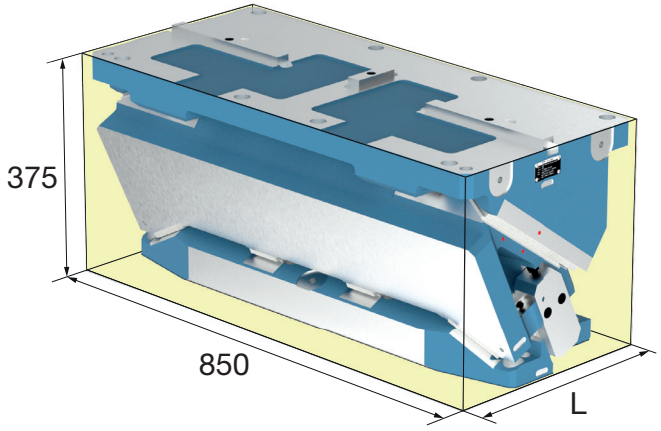
Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

D 1801D 06.2022

SN5650-PMOL-0850-

Oben hängender Schieber

Aerial cam unit



E0



E1



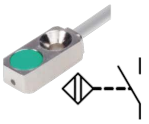
G0



S0



S1

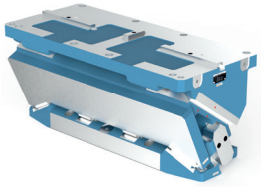


Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

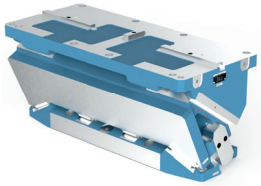
G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-0850-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-0850-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-0850-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-0850-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E0-G0-S1-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E0-G1-S1-V04
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-0850-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-0850-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-0850-30-E1-G1-S0-V04
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35°	E0	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-0850-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-0850-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-0850-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-0850-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E0-G0-S0-V04

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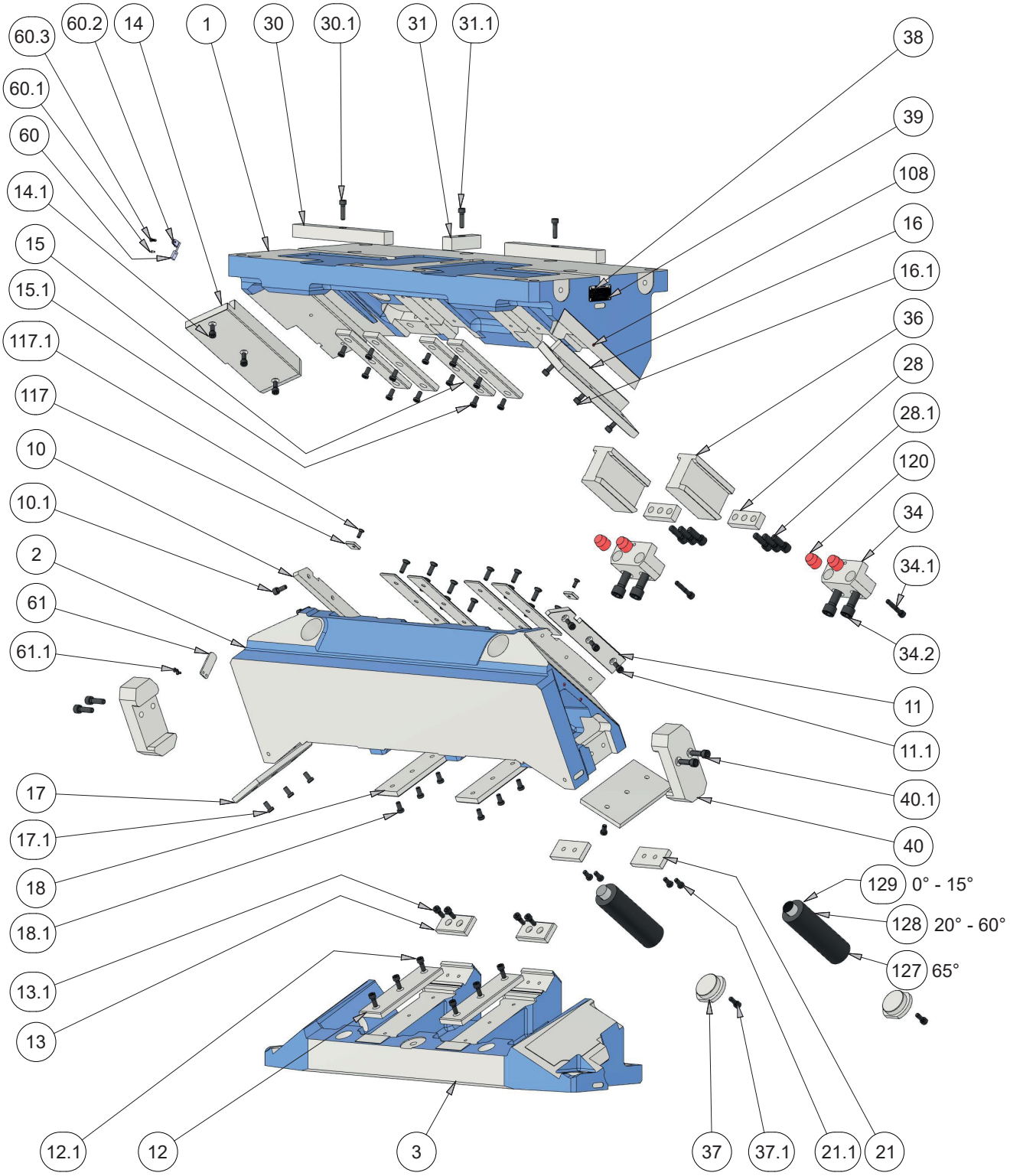


W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E0-G1-S0-V04
55°	E0	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E0-G1-S1-V04
55°	E1	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-0850-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-0850-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-0850-65-E1-G1-S1-V04

SN5650-PMOL-0850-

Bauteile

Components



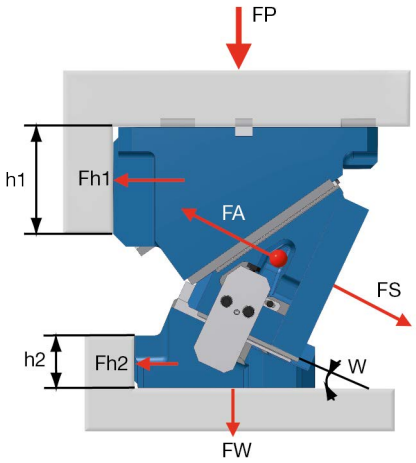
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-0850-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1950	1880	1995	1880	-45	190	50	78
05°	1950	1890	1843	1721	92	180	65	79
10°	1950	1900	1690	1721	230	170	80	80
15°	1950	1908	1558	1405	318	163	78	84
20°	1950	1916	1425	1249	407	155	75	88
25°	1950	1923	1307	1102	453	145	88	89
30°	1950	1930	1189	955	500	135	100	93
35°	1950	1937	1081	823	510	133	100	97
40°	1950	1943	973	690	520	130	115	95
45°	1950	1949	874	575	500	120	130	92
50°	1950	1955	774	461	479	110	130	96
55°	1950	1960	680	369	434	100	148	96
60°	1950	1965	585	277	389	90	165	100
65°	1950	1963	511	196	313	90	165	100



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1209	1189	1254	1189	-45	190	50	78
05°	1209	1195	1158	1090	42	180	65	79
10°	1209	1201	1062	991	129	170	80	80
15°	1209	1206	978	894	186	163	78	84
20°	1209	1211	894	797	242	155	75	88
25°	1209	1215	819	706	273	145	88	89
30°	1209	1219	744	615	303	135	100	89
35°	1209	1223	676	532	311	133	100	93
40°	1209	1226	608	449	318	130	100	97
45°	1209	1230	545	378	307	120	115	95
50°	1209	1233	482	306	295	110	130	92
55°	1209	1236	423	249	268	100	148	96
60°	1209	1239	363	191	241	90	165	100
65°	1209	1237	316	141	195	90	165	100

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

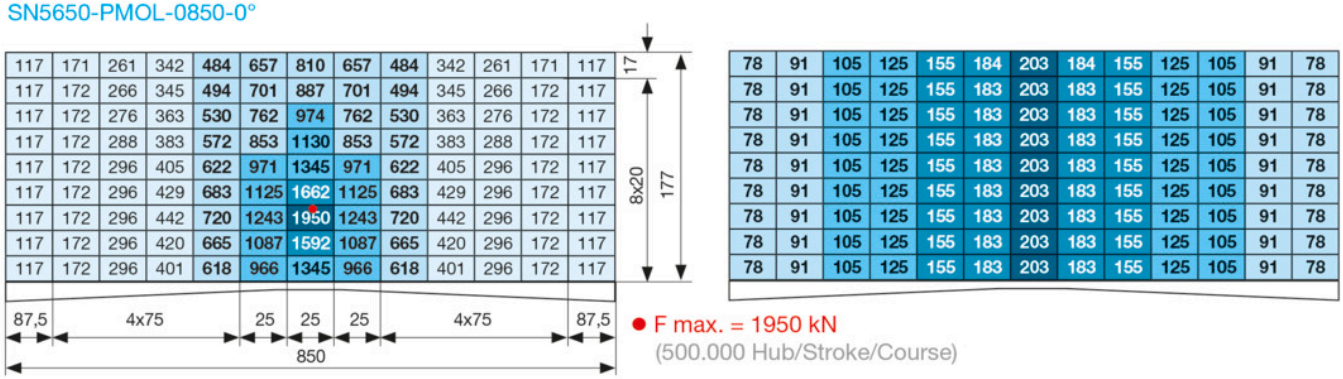
SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

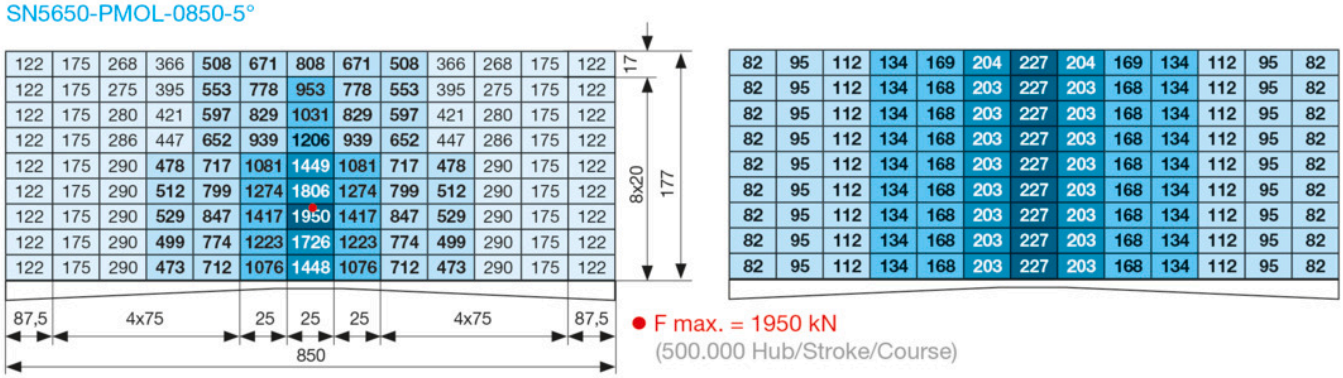
Passfeder
Fitting Key

SN5650-PMOL-0850-0°



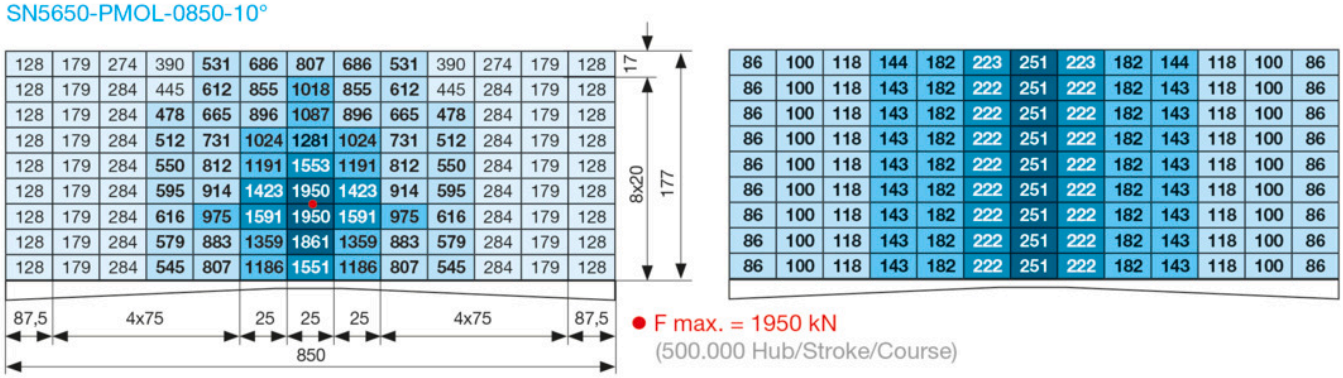
● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-5°



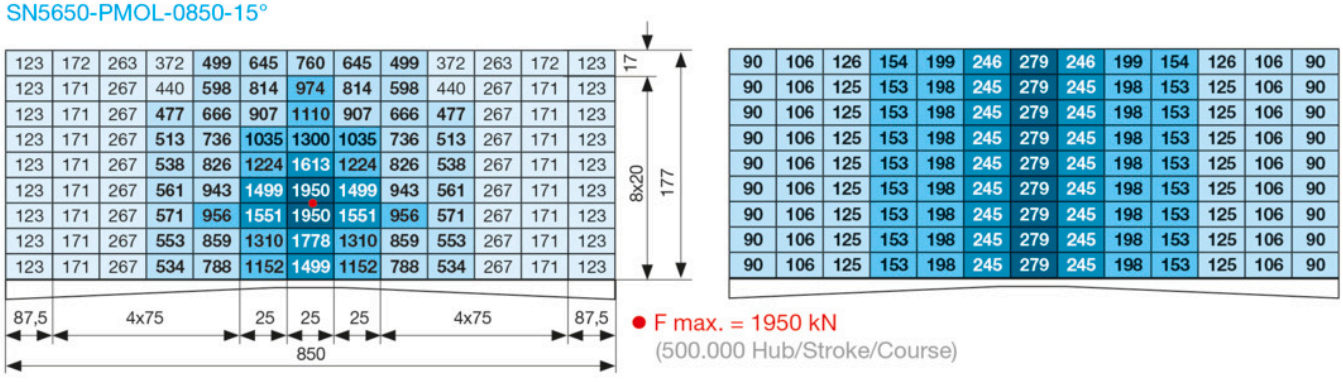
● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-10°



● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-15°



● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

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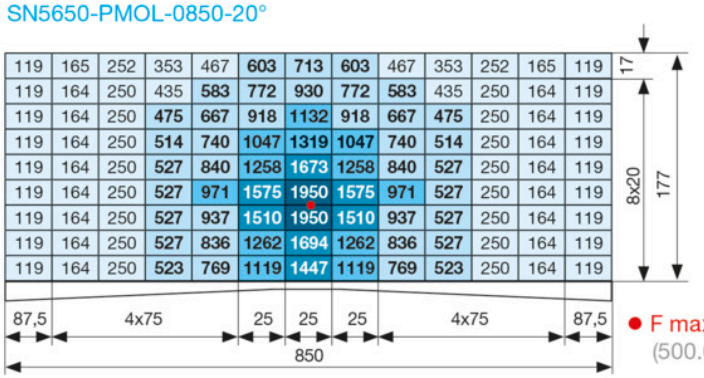
SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0850-20°

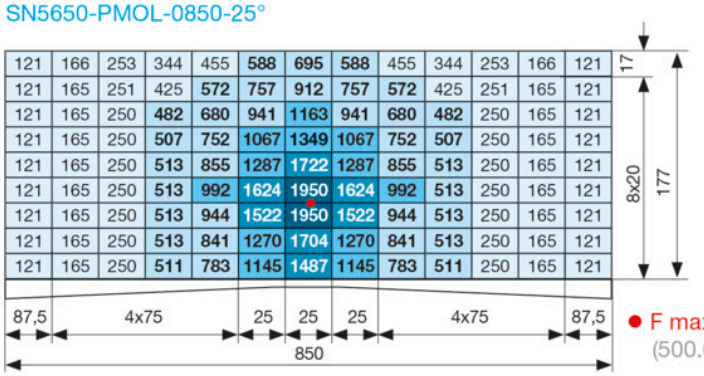


119	165	252	353	467	603	713	603	467	353	252	165	119	17
119	164	250	435	583	772	930	772	583	435	250	164	119	
119	164	250	475	667	918	1132	918	667	475	250	164	119	
119	164	250	514	740	1047	1319	1047	740	514	250	164	119	
119	164	250	527	840	1258	1673	1258	840	527	250	164	119	
119	164	250	527	971	1575	1950	1575	971	527	250	164	119	
119	164	250	527	937	1510	1950	1510	937	527	250	164	119	
119	164	250	527	836	1262	1694	1262	836	527	250	164	119	
119	164	250	523	769	1119	1447	1119	769	523	250	164	119	

95	112	133	165	215	269	307	269	215	165	133	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95
95	112	132	164	214	269	307	269	214	164	132	112	95

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-25°

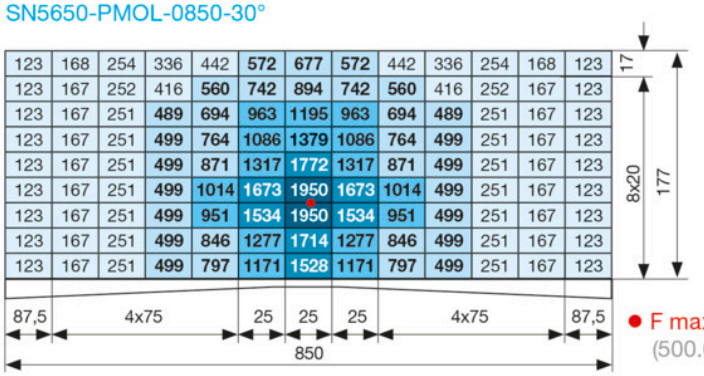


121	166	253	344	455	588	695	588	455	344	253	166	121	17
121	165	251	425	572	757	912	757	572	425	251	165	121	
121	165	250	482	680	941	1163	941	680	482	250	165	121	
121	165	250	507	752	1067	1349	1067	752	507	250	165	121	
121	165	250	513	855	1287	1722	1287	855	513	250	165	121	
121	165	250	513	992	1624	1950	1624	992	513	250	165	121	
121	165	250	513	944	1522	1950	1522	944	513	250	165	121	
121	165	250	513	841	1270	1704	1270	841	513	250	165	121	
121	165	250	511	783	1145	1487	1145	783	511	250	165	121	

102	121	144	179	236	298	344	298	236	179	144	121	102
102	120	143	178	235	298	344	298	235	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102
102	120	143	178	234	298	344	298	234	178	143	120	102

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-30°

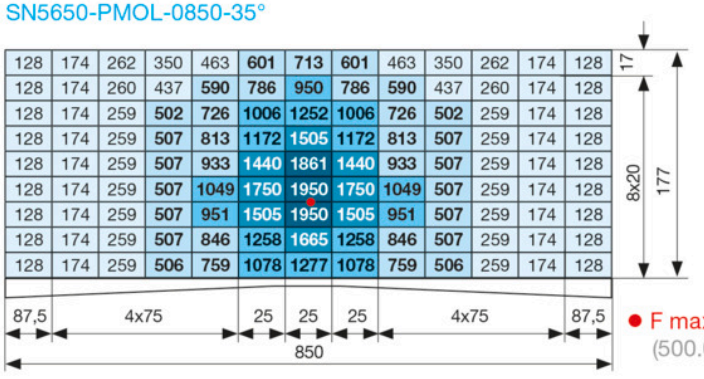


123	168	254	336	442	572	677	572	442	336	254	168	123	17
123	167	252	416	560	742	894	742	560	416	252	167	123	
123	167	251	489	694	963	1195	963	694	489	251	167	123	
123	167	251	499	764	1086	1379	1086	764	499	251	167	123	
123	167	251	499	871	1317	1772	1317	871	499	251	167	123	
123	167	251	499	1014	1673	1950	1673	1014	499	251	167	123	
123	167	251	499	951	1534	1950	1534	951	499	251	167	123	
123	167	251	499	846	1277	1714	1277	846	499	251	167	123	
123	167	251	499	797	1171	1528	1171	797	499	251	167	123	

110	130	155	194	257	328	380	328	257	194	155	130	110
110	129	154	193	256	327	380	327	256	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110
110	129	154	193	255	327	380	327	255	193	154	129	110

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-35°



128	174	262	350	463	601	713	601	463	350	262	174	128	17
128	174	260	437	590	786	950	786	590	437	260	174	128	
128	174	259	502	726	1006	1252	1006	726	502	259	174	128	
128	174	259	507	813	1172	1505	1172	813	507	259	174	128	
128	174	259	507	933	1440	1861	1440	933	507	259	174	128	
128	174	259	507	1049	1750	1950	1750	1049	507	259	174	128	
128	174	259	507	951	1505	1950	1505	951	507	259	174	128	
128	174	259	507	846	1258	1665	1258	846	507	259	174	128	
128	174	259	506	759	1078	1277	1078	759	506	259	174	128	

120	142	170	214	285	367	428	367	285	214	170	142	120
120	141	169	213	284	366	428	366	284	213	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120
120	141	169	212	284	366	428	366	284	212	169	141	120

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0850-40°

133	181	270	364	483	630	750	630	483	364	270	181	133	17
133	181	268	458	621	830	1005	830	621	458	268	181	133	
133	181	267	514	758	1050	1309	1050	758	514	267	181	133	
133	181	267	514	862	1258	1632	1258	862	514	267	181	133	
133	181	267	514	996	1562	1950	1562	996	514	267	181	133	8x20
133	181	267	514	1084	1827	1950	1827	1084	514	267	181	133	177
133	181	267	514	950	1476	1950	1476	950	514	267	181	133	
133	181	267	514	846	1240	1616	1240	846	514	267	181	133	
133	181	268	513	720	985	1027	985	720	513	268	181	133	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

130	154	185	234	313	406	476	406	313	234	185	154	130
130	153	184	233	312	405	476	405	312	233	184	153	130
130	153	184	232	312	405	476	405	312	232	184	153	130
130	153	184	232	312	405	476	405	312	232	184	153	130
130	153	184	232	312	405	476	405	312	232	184	153	130
130	153	184	232	312	405	476	405	312	232	184	153	130
130	153	184	232	312	405	476	405	312	232	184	153	130
130	153	184	232	312	405	476	405	312	232	184	153	130

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-45°

143	193	266	342	452	590	702	590	452	342	266	193	143	17
143	193	286	430	581	779	944	779	581	430	286	193	143	
143	193	285	516	738	1018	1265	1018	738	516	285	193	143	
143	193	285	541	846	1228	1587	1228	846	541	285	193	143	
143	193	285	542	976	1522	1950	1522	976	542	285	193	143	8x20
143	193	285	542	1106	1882	1950	1882	1106	542	285	193	143	177
143	193	285	542	978	1552	1950	1552	978	542	285	193	143	
143	193	285	542	868	1293	1713	1293	868	542	285	193	143	
143	193	285	520	737	1021	1175	1021	737	520	285	193	143	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

144	172	208	262	354	461	543	461	354	262	208	172	144
144	171	207	261	353	460	543	460	353	261	207	171	144
144	171	207	260	352	460	543	460	352	260	207	171	144
144	171	207	260	352	460	543	460	352	260	207	171	144
144	171	207	260	352	460	543	460	352	260	207	171	144
144	171	207	260	352	460	543	460	352	260	207	171	144
144	171	207	260	352	460	543	460	352	260	207	171	144
144	171	207	260	352	460	543	460	352	260	207	171	144

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-50°

152	205	261	320	422	549	654	549	422	320	261	205	152	17
152	205	304	402	542	727	882	727	542	402	304	205	152	
152	205	303	518	718	987	1221	987	718	518	303	205	152	
152	205	303	567	829	1199	1541	1199	829	567	303	205	152	
152	205	303	570	956	1482	1950	1482	956	570	303	205	152	8x20
152	205	303	570	1127	1938	1950	1938	1127	570	303	205	152	177
152	205	303	570	1005	1627	1950	1627	1005	570	303	205	152	
152	205	303	570	890	1346	1810	1346	890	570	303	205	152	
152	205	303	528	755	1056	1324	1056	755	528	303	205	152	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

159	189	230	291	394	516	610	516	394	291	230	189	159
159	189	230	290	393	515	610	515	393	290	230	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159
159	189	229	289	392	514	610	514	392	289	229	189	159

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-55°

171	217	268	331	436	574	695	574	436	331	268	217	171	17
171	231	311	400	547	739	899	739	547	400	311	231	171	
171	231	340	517	720	997	1242	997	720	517	340	231	171	
171	231	340	578	849	1234	1596	1234	849	578	340	231	171	
171	231	340	608	977	1526	1950	1526	977	608	340	231	171	
171	231	339	639	1148	1944	1950	1944	1148	639	339	231	171	8x20
171	231	339	615	1025	1671	1950	1671	1025	615	339	231	171	177
171	231	339	590	909	1382	1868	1382	909	590	339	231	171	
171	231	339	532	762	1067	1334	1067	762	532	339	231	171	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

177	209	252	317	422	557	673	557	422	317	252	209	177
184	219	266	338	459	602	714	602	459	338	266	219	184
184	219	266	337	458	601	714	601	458	337	266	219	184
184	219	266	336	457	601	714	601	457	336	266	219	184
184	219	266	336	457	601	714	601	457	336	266	219	184
184	219	266	336	457	601	714	601	457	336	266	219	184
184	219	266	336	457	601	714	601	457	336	266	219	184
184	219	266	336	457	601	714	601	457	336	266	219	184
184	219	266	337	457	601	714	601	457	337	266	219	184

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0850-60°

190	229	274	342	450	599	736	599	450	342	274	229	190	17
190	256	318	399	553	751	915	751	553	399	318	256	190	
190	256	377	515	722	1007	1264	1007	722	515	377	256	190	
190	256	377	589	869	1269	1650	1269	869	589	377	256	190	
190	256	377	646	998	1570	1950	1570	998	646	377	256	190	8x20
190	256	376	708	1170	1950	1950	1950	1170	708	376	256	190	177
190	256	376	660	1046	1714	1950	1714	1046	660	376	256	190	
190	256	376	611	928	1418	1926	1418	928	611	376	256	190	
190	256	376	537	769	1077	1344	1077	769	537	376	256	190	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

195	229	274	342	450	599	736	599	450	342	274	229	195
209	249	303	385	524	689	818	689	524	385	303	249	209
209	249	303	384	523	688	818	688	523	384	303	249	209
209	249	303	383	522	688	818	688	522	383	303	249	209
209	249	303	383	522	688	818	688	522	383	303	249	209
209	249	303	383	522	688	818	688	522	383	303	249	209
209	249	303	383	522	688	818	688	522	383	303	249	209
209	249	303	383	522	688	818	688	522	383	303	249	209
209	249	303	384	522	688	818	688	522	384	303	249	209

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-0850-65°

197	213	238	280	360	473	522	473	360	280	238	213	197	17
224	286	345	425	590	822	1033	822	590	425	345	286	224	
224	303	408	521	733	1020	1271	1020	733	521	408	303	224	
224	303	447	599	889	1303	1697	1303	889	599	447	303	224	
224	303	447	659	1031	1638	1950	1638	1031	659	447	303	224	8x20
224	303	447	711	1180	1950	1950	1950	1180	711	447	303	224	177
224	303	447	656	1036	1674	1950	1674	1036	656	447	303	224	
224	303	447	606	915	1375	1835	1375	915	606	447	303	224	
224	303	398	514	722	991	1219	991	722	514	398	303	224	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

197	213	238	280	360	348	522	348	360	280	238	213	197
243	286	345	425	590	803	942	803	590	425	345	286	243
247	293	356	450	611	798	942	798	611	450	356	293	247
247	293	356	450	610	797	942	797	610	450	356	293	247
247	293	356	450	610	797	942	797	610	450	356	293	247
247	293	356	450	610	797	942	797	610	450	356	293	247
247	293	356	450	610	797	942	797	610	450	356	293	247
247	293	356	450	610	797	942	797	610	450	356	293	247
211	293	356	450	611	797	942	797	611	450	356	293	211

● F max. = 1950 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0850-0°

73	106	162	212	300	407	502	407	300	212	162	106	73
73	107	165	214	306	435	550	435	306	214	165	107	73
73	107	171	225	328	472	604	472	328	225	171	107	73
73	107	178	238	355	529	701	529	355	238	178	107	73
73	107	184	251	386	602	834	602	386	251	184	107	73
73	107	184	266	423	697	1030	697	423	266	184	107	73
73	107	184	274	446	771	1209	771	446	274	184	107	73
73	107	184	260	412	674	987	674	412	260	184	107	73
73	107	184	249	383	599	834	599	383	249	184	107	73

17 | 8x20 | 177

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49
49	56	65	77	96	114	126	114	96	77	65	56	49

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-5°

76	109	166	227	315	416	501	416	315	227	166	109	76
76	109	170	245	343	482	591	482	343	245	170	109	76
76	109	174	261	370	514	639	514	370	261	174	109	76
76	109	177	277	404	582	748	582	404	277	177	109	76
76	109	180	296	445	670	899	670	445	296	180	109	76
76	109	180	318	495	790	1120	790	495	318	180	109	76
76	109	180	328	526	879	1209	879	526	328	180	109	76
76	109	180	310	480	758	1071	758	480	310	180	109	76
76	109	180	293	442	667	898	667	442	293	180	109	76

17 | 8x20 | 177

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

51	59	69	83	105	126	141	126	105	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51
51	59	69	83	104	126	141	126	104	83	69	59	51

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-10°

79	111	170	242	330	426	500	426	330	242	170	111	79
79	111	176	276	379	530	632	530	379	276	176	111	79
79	111	176	297	412	556	674	556	412	297	176	111	79
79	111	176	317	453	635	795	635	453	317	176	111	79
79	111	176	341	504	739	963	739	504	341	176	111	79
79	111	176	369	567	883	1209	883	567	369	176	111	79
79	111	176	382	605	987	1209	987	605	382	176	111	79
79	111	176	359	548	843	1154	843	548	359	176	111	79
79	111	176	338	500	735	962	735	500	338	176	111	79

17 | 8x20 | 177

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53
53	62	73	89	113	138	155	138	113	89	73	62	53

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-15°

77	106	163	230	310	400	471	400	310	230	163	106	77
77	106	165	273	371	505	604	505	371	273	165	106	77
77	106	165	296	413	563	688	563	413	296	165	106	77
77	106	165	318	456	642	806	642	456	318	165	106	77
77	106	165	334	512	760	1000	760	512	334	165	106	77
77	106	165	348	585	930	1209	930	585	348	165	106	77
77	106	165	354	593	962	1209	962	593	354	165	106	77
77	106	165	343	533	813	1103	813	533	343	165	106	77
77	106	165	331	489	715	930	715	489	331	165	106	77

17 | 8x20 | 177

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

56	66	78	96	123	152	173	152	123	96	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56
56	66	78	95	123	152	173	152	123	95	78	66	56

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0850-20°

74	102	157	219	290	374	442	374	290	219	157	102	74	17
74	101	155	270	362	479	577	479	362	270	155	101	74	
74	101	155	294	413	569	702	569	413	294	155	101	74	
74	101	155	319	459	649	818	649	459	319	155	101	74	
74	101	155	327	521	780	1038	780	521	327	155	101	74	
74	101	155	327	602	977	1209	977	602	327	155	101	74	8x20
74	101	155	327	581	937	1209	937	581	327	155	101	74	
74	101	155	327	518	783	1051	783	518	327	155	101	74	
74	101	155	324	477	694	897	694	477	324	155	101	74	177

59	69	83	102	133	167	191	167	133	102	83	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59
59	69	82	101	133	167	191	167	133	101	82	69	59

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-25°

75	103	157	213	282	365	431	365	282	213	157	103	75	17
75	103	155	264	355	470	566	470	355	264	155	103	75	
75	103	155	299	422	584	722	584	422	299	155	103	75	
75	103	155	314	467	662	837	662	467	314	155	103	75	
75	103	155	318	530	799	1068	799	530	318	155	103	75	
75	103	155	318	616	1007	1209	1007	616	318	155	103	75	8x20
75	103	155	318	586	944	1209	944	586	318	155	103	75	
75	103	155	318	522	788	1057	788	522	318	155	103	75	
75	103	155	317	486	710	923	710	486	317	155	103	75	177

63	75	89	111	146	185	213	185	146	111	89	75	63
63	74	89	111	146	185	213	185	146	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63
63	74	89	111	145	185	213	185	145	111	89	74	63

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-30°

76	104	158	208	274	355	420	355	274	208	158	104	76	17
76	104	156	258	347	460	555	460	347	258	156	104	76	
76	104	155	303	430	598	741	598	430	303	155	104	76	
76	104	155	310	474	674	855	674	474	310	155	104	76	
76	104	155	310	540	817	1099	817	540	310	155	104	76	
76	104	155	310	629	1038	1209	1038	629	310	155	104	76	8x20
76	104	155	310	590	951	1209	951	590	310	155	104	76	
76	104	155	310	525	792	1063	792	525	310	155	104	76	
76	104	155	310	494	726	948	726	494	310	155	104	76	177

68	80	96	120	160	204	236	204	160	120	96	80	68
68	80	96	120	159	203	236	203	159	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68
68	80	96	120	158	203	236	203	158	120	96	80	68

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-35°

79	108	163	217	287	373	443	373	287	217	163	108	79	17
79	108	161	271	366	488	589	488	366	271	161	108	79	
79	108	160	311	450	624	777	624	450	311	160	108	79	
79	108	160	314	504	727	934	727	504	314	160	108	79	
79	108	160	314	579	893	1154	893	579	314	160	108	79	
79	108	160	314	651	1085	1209	1085	651	314	160	108	79	8x20
79	108	160	314	590	933	1209	933	590	314	160	108	79	
79	108	160	314	525	781	1033	781	525	314	160	108	79	
79	108	161	314	471	669	792	669	471	314	161	108	79	177

74	88	106	133	177	228	265	228	177	133	106	88	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74
74	87	105	132	176	227	265	227	176	132	105	87	74

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

● F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-0850-40°

83	112	168	226	300	391	465	391	300	226	168	112	83
83	112	166	284	385	515	623	515	385	284	166	112	83
83	112	165	319	470	651	812	651	470	319	165	112	83
83	112	165	319	535	780	1012	780	535	319	165	112	83
83	112	165	319	618	969	1209	969	618	319	165	112	83
83	112	165	319	673	1133	1209	1133	673	319	165	112	83
83	112	165	319	589	916	1209	916	589	319	165	112	83
83	112	165	319	525	769	1002	769	525	319	165	112	83
83	112	166	318	447	611	637	611	447	318	166	112	83

17 · 8x20 · 177

87,5 · 4x75 · 25 · 25 · 25 · 4x75 · 87,5

850

80	96	115	145	194	252	295	252	194	145	115	96	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80
80	95	114	144	194	251	295	251	194	144	114	95	80

- F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-45°

89	120	165	212	281	366	435	366	281	212	165	120	89
89	120	177	267	361	483	585	483	361	267	177	120	89
89	120	177	320	458	632	784	632	458	320	177	120	89
89	120	177	335	525	762	984	762	525	335	177	120	89
89	120	177	336	605	944	1209	944	605	336	177	120	89
89	120	177	336	686	1168	1209	1168	686	336	177	120	89
89	120	177	336	606	962	1209	962	606	336	177	120	89
89	120	177	336	538	802	1062	802	538	336	177	120	89
89	120	177	323	457	633	729	633	457	323	177	120	89

17 · 8x20 · 177

87,5 · 4x75 · 25 · 25 · 25 · 4x75 · 87,5

850

89	106	129	163	219	286	337	286	219	163	129	106	89
89	106	128	162	219	285	337	285	219	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89
89	106	128	162	218	285	337	285	218	162	128	106	89

- F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-50°

94	127	162	198	262	341	406	341	262	198	162	127	94
94	127	189	249	336	451	547	451	336	249	189	127	94
94	127	188	321	445	612	757	612	445	321	188	127	94
94	127	188	352	514	744	956	744	514	352	188	127	94
94	127	188	354	593	919	1209	919	593	354	188	127	94
94	127	188	354	699	1202	1209	1202	699	354	188	127	94
94	127	188	354	623	1009	1209	1009	623	354	188	127	94
94	127	188	354	552	835	1123	835	552	354	188	127	94
94	127	188	327	468	655	821	655	468	327	188	127	94

17 · 8x20 · 177

87,5 · 4x75 · 25 · 25 · 25 · 4x75 · 87,5

850

99	117	143	181	245	320	378	320	245	181	143	117	99
99	117	143	180	244	320	378	320	244	180	143	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99
99	117	142	179	243	319	378	319	243	179	142	117	99

- F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-55°

106	135	166	205	270	356	431	356	270	205	166	135	106
106	143	193	248	340	458	557	458	340	248	193	143	106
106	143	211	321	447	618	771	618	447	321	211	143	106
106	143	211	359	527	765	990	765	527	359	211	143	106
106	143	211	377	606	946	1209	946	606	377	211	143	106
106	143	211	396	712	1206	1209	1206	712	396	211	143	106
106	143	211	382	636	1036	1209	1036	636	382	211	143	106
106	143	211	366	564	857	1159	857	564	366	211	143	106
106	143	211	330	472	662	827	662	472	330	211	143	106

17 · 8x20 · 177

87,5 · 4x75 · 25 · 25 · 25 · 4x75 · 87,5

850

110	130	156	196	262	346	417	346	262	196	156	130	110
114	136	165	209	284	374	443	374	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114
114	136	165	209	284	373	443	373	284	209	165	136	114

- F max. = 1209 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-0850-

Schieberkräfte

Cam Force

Abschulterung

Shouldering

Passfeder

Fitting Key

SN5650-PMOL-0850-60°

118	142	170	212	279	371	456	371	279	212	170	142	118	17
118	159	197	248	343	466	568	466	343	248	197	159	118	
118	159	234	320	448	625	784	625	448	320	234	159	118	
118	159	234	365	539	787	1023	787	539	365	234	159	118	
118	159	234	401	619	974	1209	974	619	401	234	159	118	8x20
118	159	233	439	726	1209	1209	1209	726	439	233	159	118	177
118	159	233	409	649	1063	1209	1063	649	409	233	159	118	
118	159	233	379	576	880	1195	880	576	379	233	159	118	
118	159	233	333	477	668	833	668	477	333	233	159	118	

87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

121	142	170	212	279	371	456	371	279	212	170	142	121
130	154	188	239	325	428	507	428	325	239	188	154	130
130	154	188	238	324	427	507	427	324	238	188	154	130
130	154	188	238	324	427	507	427	324	238	188	154	130
130	154	188	238	324	427	507	427	324	238	188	154	130
130	154	188	238	324	427	507	427	324	238	188	154	130
130	154	188	238	324	427	507	427	324	238	188	154	130
130	154	188	238	324	427	507	427	324	238	188	154	130

● F max. = 1209 kN

(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-0850-65°

122	132	148	174	223	293	324	293	223	174	148	132	122	17
139	178	214	263	366	510	641	510	366	263	214	178	139	
139	188	253	323	455	633	788	633	455	323	253	188	139	
139	188	277	372	551	808	1053	808	551	372	277	188	139	
139	188	277	409	639	1016	1209	1016	639	409	277	188	139	
139	188	277	441	732	1209	1209	1209	732	441	277	188	139	8x20
139	188	277	407	643	1038	1209	1038	643	407	277	188	139	177
139	188	277	376	568	853	1138	853	568	376	277	188	139	
139	188	247	319	448	615	756	615	448	319	247	188	139	

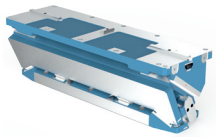
87,5 | 4x75 | 25 | 25 | 25 | 4x75 | 87,5

850

122	132	148	174	223	216	324	216	223	174	148	132	122
151	178	214	263	366	498	584	498	366	263	214	178	151
153	182	221	279	379	495	584	495	379	279	221	182	153
153	182	221	279	378	494	584	494	378	279	221	182	153
153	182	221	279	378	494	584	494	378	279	221	182	153
153	182	221	279	378	494	584	494	378	279	221	182	153
153	182	221	279	378	494	584	494	378	279	221	182	153
153	182	221	279	378	494	584	494	378	279	221	182	153
131	182	221	279	379	494	584	494	379	279	221	182	131

● F max. = 1209 kN

(1.000.000 Hub/Stroke/Course)

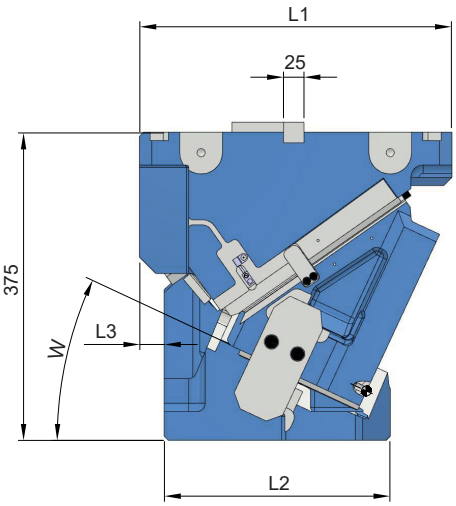


SN5650-PMOL-1000-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	1000 x 177 mm
Schieberbreite max.	*Cam unit width max.*	1000 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	2197 kN



Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



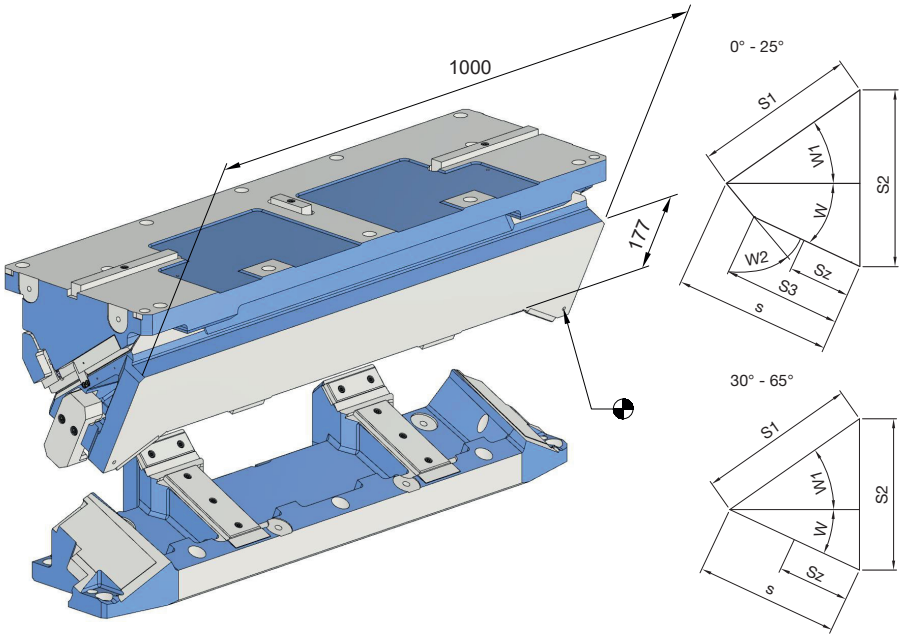
Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended



Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

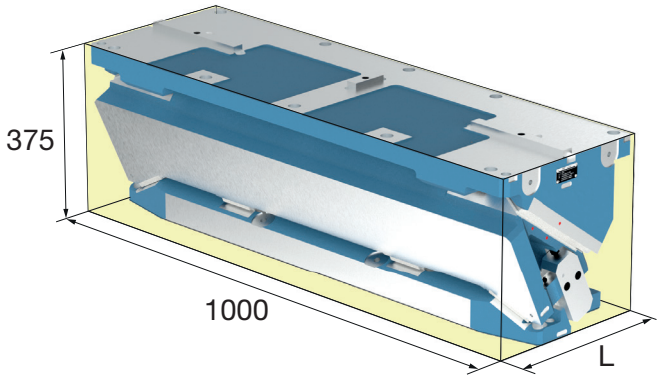
Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

D 1801D 06.2022

SN5650-PMOL-1000-

Oben hängender Schieber

Aerial cam unit



Mat.: *EN-GJS-600-3 (GGG 60)*

E0



E1



G0



S0



W = Winkel
Cam Angle

E = Einarbeitung
Machining

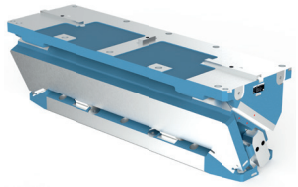
S1



G = Gasdruckfeder
Gas spring

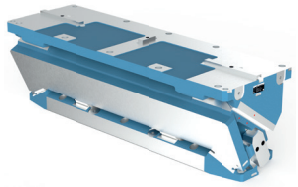
SE = Sensor
Sensor

W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1000-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1000-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1000-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1000-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E0-G1-S1-V04



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1000-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1000-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1000-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1000-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1000-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1000-50-E1-G1-S1-V04
55°	E0	G0	S0	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E0-G0-S0-V04
55°	E0	G0	S1	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E0-G0-S1-V04
55°	E0	G1	S0	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E0-G1-S0-V04

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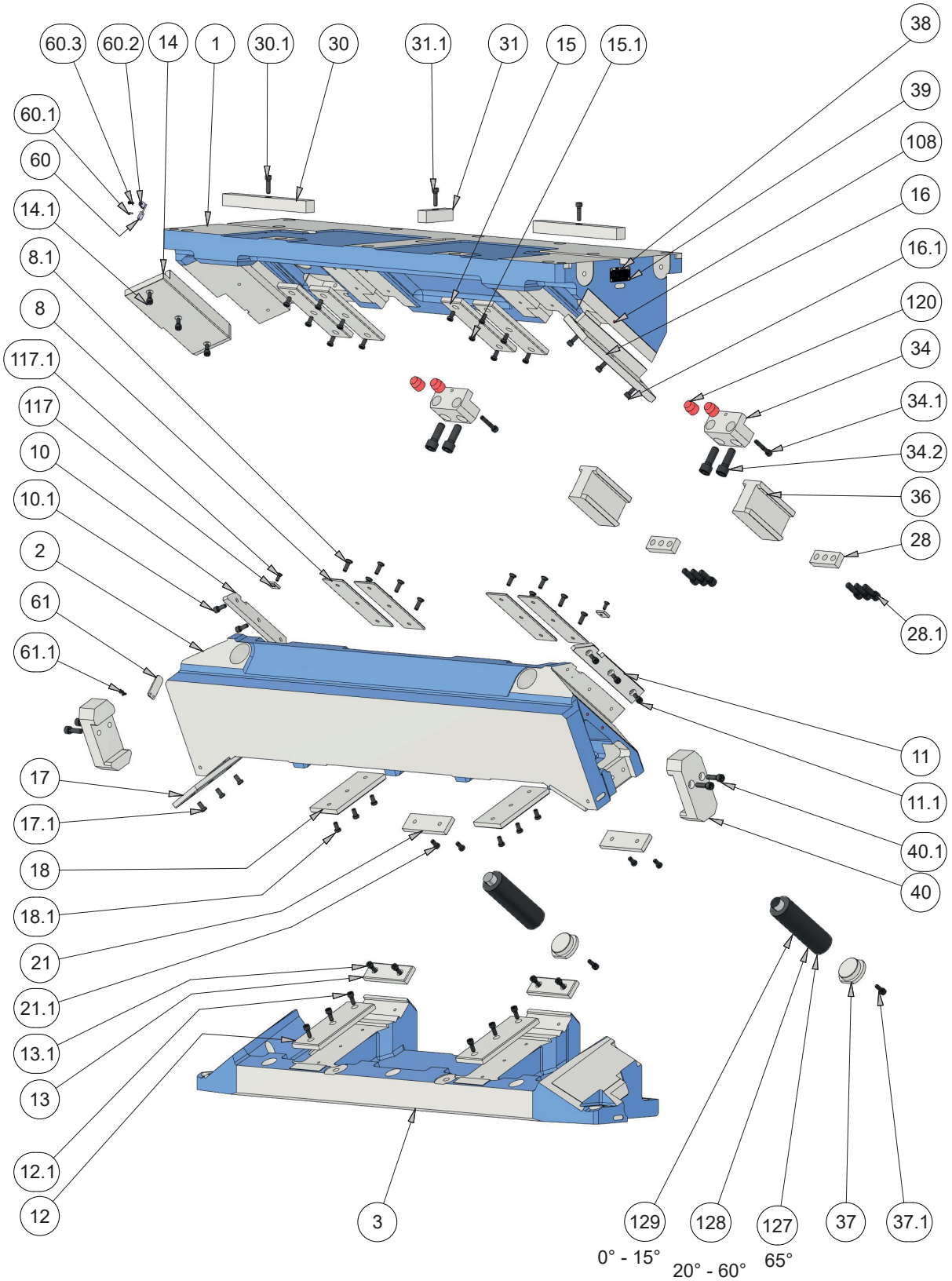


W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G1	S1	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E0-G1-S1-V04
55°	E1	G0	S0	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E1-G0-S0-V04
55°	E1	G0	S1	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E1-G0-S1-V04
55°	E1	G1	S0	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E1-G1-S0-V04
55°	E1	G1	S1	415	17	-	68.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1000-55-E1-G1-S1-V04
60°	E0	G0	S0	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E0-G0-S0-V04
60°	E0	G0	S1	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E0-G0-S1-V04
60°	E0	G1	S0	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E0-G1-S0-V04
60°	E0	G1	S1	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E0-G1-S1-V04
60°	E1	G0	S0	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E1-G0-S0-V04
60°	E1	G0	S1	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E1-G0-S1-V04
60°	E1	G1	S0	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E1-G1-S0-V04
60°	E1	G1	S1	425	20	-	70.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1000-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1000-65-E1-G1-S1-V04

SN5650-PMOL-1000-

Bauteile

Components



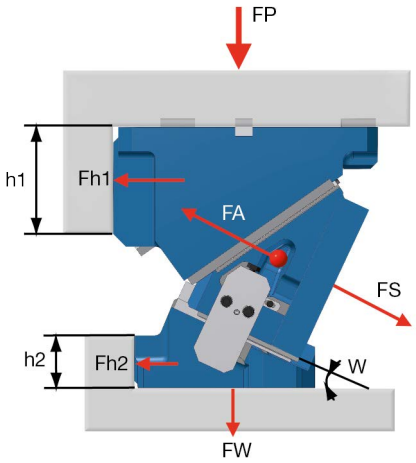
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-1000-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	2197	2121	2242	2121	-45	190	50	120
05°	2197	2132	2070	1941	110	180	65	124
10°	2197	2142	1899	1761	265	170	80	128
15°	2197	2151	1749	1584	365	163	78	131
20°	2197	2160	1600	1408	465	155	75	134
25°	2197	2167	1466	1243	517	145	88	131
30°	2197	2175	1333	1077	570	135	100	128
35°	2197	2182	1212	927	581	133	100	124
40°	2197	2189	1090	776	593	130	100	119
45°	2197	2195	978	647	570	120	115	116
50°	2197	2201	865	518	547	110	130	112
55°	2197	2206	759	413	496	100	148	108
60°	2197	2212	653	309	445	90	165	103
65°	2197	2209	569	217	360	90	165	100



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1626	1589	1671	1589	-45	90	50	78
05°	1626	1597	1543	1455	71	180	65	80
10°	1626	1604	1414	1322	187	170	80	83
15°	1626	1610	1302	1191	263	163	78	86
20°	1626	1617	1190	1060	338	155	75	89
25°	1626	1622	1090	937	378	145	88	89
30°	1626	1627	991	814	418	135	100	89
35°	1626	1632	900	702	428	133	100	93
40°	1626	1636	809	591	437	130	100	98
45°	1626	1640	725	495	421	120	115	98
50°	1626	1645	640	399	405	110	130	99
55°	1626	1648	561	321	368	100	148	99
60°	1626	1652	482	243	331	90	165	100
65°	1626	1649	419	175	269	90	165	100

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

SN5650-PMOL-1000-

Schieberkräfte
Cam Force

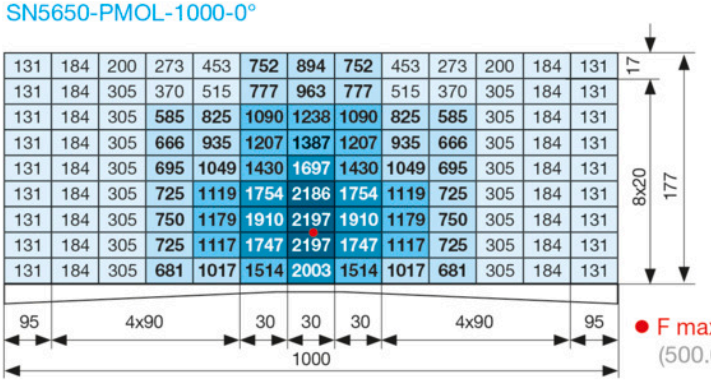
Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1000-0°

131	184	200	273	453	752	894	752	453	273	200	184	131	17
131	184	305	370	515	777	963	777	515	370	305	184	131	
131	184	305	585	825	1090	1238	1090	825	585	305	184	131	
131	184	305	666	935	1207	1387	1207	935	666	305	184	131	
131	184	305	695	1049	1430	1697	1430	1049	695	305	184	131	8x20
131	184	305	725	1119	1754	2186	1754	1119	725	305	184	131	177
131	184	305	750	1179	1910	2197	1910	1179	750	305	184	131	
131	184	305	725	1117	1747	2197	1747	1117	725	305	184	131	
131	184	305	681	1017	1514	2003	1514	1017	681	305	184	131	

80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80
80	90	105	125	156	184	204	184	156	125	105	90	80

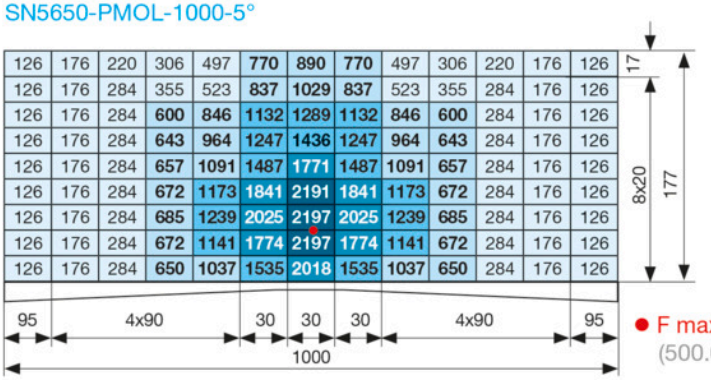


● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-5°

126	176	220	306	497	770	890	770	497	306	220	176	126	17
126	176	284	355	523	837	1029	837	523	355	284	176	126	
126	176	284	600	846	1132	1289	1132	846	600	284	176	126	
126	176	284	643	964	1247	1436	1247	964	643	284	176	126	
126	176	284	657	1091	1487	1771	1487	1091	657	284	176	126	8x20
126	176	284	672	1173	1841	2191	1841	1173	672	284	176	126	177
126	176	284	685	1239	2025	2197	2025	1239	685	284	176	126	
126	176	284	672	1141	1774	2197	1774	1141	672	284	176	126	
126	176	284	650	1037	1535	2018	1535	1037	650	284	176	126	

85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85
85	97	114	136	171	205	229	205	171	136	114	97	85

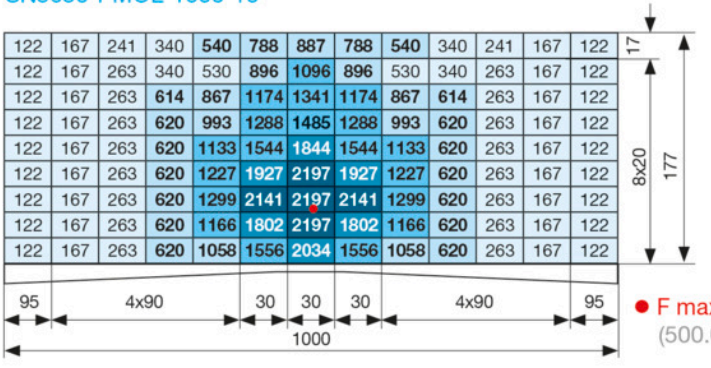


● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-10°

122	167	241	340	540	788	887	788	540	340	241	167	122	17
122	167	263	340	530	896	1096	896	530	340	263	167	122	
122	167	263	614	867	1174	1341	1174	867	614	263	167	122	
122	167	263	620	993	1288	1485	1288	993	620	263	167	122	
122	167	263	620	1133	1544	1844	1544	1133	620	263	167	122	8x20
122	167	263	620	1227	1927	2197	1927	1227	620	263	167	122	177
122	167	263	620	1299	2141	2197	2141	1299	620	263	167	122	
122	167	263	620	1166	1802	2197	1802	1166	620	263	167	122	
122	167	263	620	1058	1556	2034	1556	1058	620	263	167	122	

89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89
89	104	122	147	186	226	253	226	186	147	122	104	89

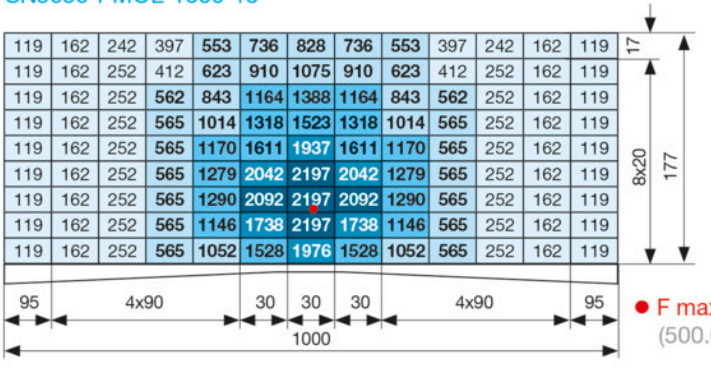


● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-15°

119	162	242	397	553	736	828	736	553	397	242	162	119	17
119	162	252	412	623	910	1075	910	623	412	252	162	119	
119	162	252	562	843	1164	1388	1164	843	562	252	162	119	
119	162	252	565	1014	1318	1523	1318	1014	565	252	162	119	
119	162	252	565	1170	1611	1937	1611	1170	565	252	162	119	8x20
119	162	252	565	1279	2042	2197	2042	1279	565	252	162	119	177
119	162	252	565	1290	2092	2197	2092	1290	565	252	162	119	
119	162	252	565	1146	1738	2197	1738	1146	565	252	162	119	
119	162	252	565	1052	1528	1976	1528	1052	565	252	162	119	

96	111	131	160	204	251	283	251	204	160	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96
96	111	131	159	204	251	283	251	204	159	131	111	96



● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1000-20°

117	158	242	453	566	684	769	684	566	453	242	158	117	17
117	158	241	484	716	925	1054	925	716	484	241	158	117	
117	158	241	510	820	1154	1435	1154	820	510	241	158	117	
117	158	241	510	1035	1348	1561	1348	1035	510	241	158	117	
117	158	241	510	1207	1677	2030	1677	1207	510	241	158	117	8x20
117	158	241	510	1330	2156	2197	2156	1330	510	241	158	117	177
117	158	241	510	1281	2043	2197	2043	1281	510	241	158	117	
117	158	241	510	1125	1673	2197	1673	1125	510	241	158	117	
117	158	241	510	1047	1499	1918	1499	1047	510	241	158	117	

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

102	118	140	172	221	276	313	276	221	172	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102
102	118	140	171	221	276	313	276	221	171	140	118	102

- F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-25°

118	160	243	433	539	649	730	649	539	433	243	160	118	17
118	159	242	485	700	883	1008	883	700	485	242	159	118	
118	159	241	497	853	1173	1409	1173	853	497	241	159	118	
118	159	241	497	1046	1362	1576	1362	1046	497	241	159	118	
118	159	241	497	1228	1698	2054	1698	1228	497	241	159	118	8x20
118	159	241	497	1360	2177	2197	2177	1360	497	241	159	118	177
118	159	241	497	1310	2090	2197	2090	1310	497	241	159	118	
118	159	241	497	1148	1705	2197	1705	1148	497	241	159	118	
118	159	241	497	1059	1511	1935	1511	1059	497	241	159	118	

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

110	128	152	188	244	306	351	306	244	188	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110
110	128	152	187	244	306	351	306	244	187	152	128	110

- F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-30°

120	162	243	412	511	614	691	614	511	412	243	162	120	17
120	161	242	487	683	841	962	841	683	487	242	161	120	
120	161	241	483	887	1193	1384	1193	887	483	241	161	120	
120	161	241	483	1057	1375	1591	1375	1057	483	241	161	120	
120	161	241	483	1249	1718	2079	1718	1249	483	241	161	120	8x20
120	161	241	483	1390	2197	2197	2197	1390	483	241	161	120	177
120	161	241	483	1340	2137	2197	2137	1340	483	241	161	120	
120	161	241	483	1171	1737	2197	1737	1171	483	241	161	120	
120	161	241	483	1070	1523	1953	1523	1070	483	241	161	120	

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118
118	138	164	203	267	337	389	337	267	203	164	138	118

- F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-35°

125	168	251	416	518	626	704	626	518	416	251	168	125	17
124	167	250	493	695	858	981	858	695	493	250	167	124	
124	167	249	490	932	1219	1419	1219	932	490	249	167	124	
124	167	249	489	1102	1442	1676	1442	1102	489	249	167	124	
124	167	249	489	1303	1806	2138	1806	1303	489	249	167	124	
124	167	249	489	1466	2197	2197	2197	1466	489	249	167	124	8x20
124	167	249	489	1397	2167	2197	2167	1397	489	249	167	124	177
124	167	249	489	1219	1800	2197	1800	1219	489	249	167	124	
124	167	249	489	1108	1562	1976	1562	1108	489	249	167	124	

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

129	151	181	225	297	379	438	379	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129
129	151	181	225	297	378	438	378	297	225	181	151	129

- F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1000-40°

130	174	258	420	525	638	716	638	525	420	258	174	130	17
129	173	258	500	706	875	1000	875	706	500	258	173	129	
129	173	257	497	978	1246	1455	1246	978	497	257	173	129	
129	173	257	496	1148	1510	1762	1510	1148	496	257	173	129	
129	173	257	496	1357	1895	2197	1895	1357	496	257	173	129	
129	173	257	496	1541	2197	2197	2197	1541	496	257	173	129	8x20
129	173	257	496	1454	2197	2197	2197	1454	496	257	173	129	
129	173	257	496	1268	1862	2197	1862	1268	496	257	173	129	
129	173	257	496	1145	1600	1999	1600	1145	496	257	173	129	177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

141	164	198	247	328	420	487	420	328	247	198	164	141
141	164	198	246	328	419	487	419	328	246	198	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141

● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-45°

140	187	277	408	509	617	693	617	509	408	277	187	140	17
139	186	276	507	680	844	964	844	680	507	276	186	139	
139	186	275	526	950	1213	1413	1213	950	526	275	186	139	
139	186	275	525	1157	1523	1778	1523	1157	525	275	186	139	
139	186	275	525	1371	1916	2197	1916	1371	525	275	186	139	
139	186	275	525	1565	2197	2197	2197	1565	525	275	186	139	8x20
139	186	275	525	1471	2197	2197	2197	1471	525	275	186	139	
139	186	275	525	1280	1879	2197	1879	1280	525	275	186	139	
139	186	275	525	1125	1555	1904	1555	1125	525	275	186	139	177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

158	185	222	278	372	478	557	478	372	278	222	185	158
158	185	222	278	371	478	557	478	371	278	222	185	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158

● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-50°

150	200	296	395	492	596	669	596	492	395	296	200	150	17
149	199	294	514	655	812	927	812	655	514	294	199	149	
149	199	293	556	922	1181	1371	1181	922	556	293	199	149	
149	199	293	555	1167	1537	1794	1537	1167	555	293	199	149	
149	199	293	555	1385	1938	2197	1938	1385	555	293	199	149	
149	199	293	555	1589	2197	2197	2197	1589	555	293	199	149	8x20
149	199	293	555	1488	2197	2197	2197	1488	555	293	199	149	
149	199	293	555	1293	1895	2197	1895	1293	555	293	199	149	
149	199	293	555	1104	1510	1809	1510	1104	555	293	199	149	177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

175	205	247	310	415	536	627	536	415	310	247	205	175
175	205	247	310	414	536	627	536	414	310	247	205	175
175	204	246	309	414	535	627	535	414	309	246	204	175
175	204	246	309	414	535	627	535	414	309	246	204	175
175	204	246	309	414	535	627	535	414	309	246	204	175
175	204	246	309	414	535	627	535	414	309	246	204	175
175	204	246	309	414	535	627	535	414	309	246	204	175
175	204	246	309	414	535	627	535	414	309	246	204	175
175	204	246	309	414	535	627	535	414	309	246	204	175

● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-55°

169	225	315	396	479	602	712	602	479	396	315	225	169	17
168	224	330	515	659	821	939	821	659	515	330	224	168	
168	224	329	622	926	1190	1385	1190	926	622	329	224	168	
168	223	329	621	1200	1585	1856	1585	1200	621	329	223	168	
168	223	329	621	1423	2002	2197	2002	1423	621	329	223	168	
168	223	329	621	1649	2197	2197	2197	1649	621	329	223	168	8x20
168	223	329	621	1544	2197	2197	2197	1544	621	329	223	168	
168	223	329	621	1341	1962	2197	1962	1341	621	329	223	168	
168	223	329	621	1127	1527	1814	1527	1127	621	329	223	168	177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

203	239	287	353	440	572	691	572	440	353	287	239	203
203	239	287	361	484	627	735	627	484	361	287	239	203
203	238	287	360	483	626	735	626	483	360	287	238	203
203	238	287	360	483	626	735	626	483	360	287	238	203
203	238	287	360	483	626	735	626	483	360	287	238	203
203	238	287	360	483	626	735	626	483	360	287	238	203
203	238	287	360	483	626	735	626	483	360	287	238	203
203	238	287	360	483	626	735	626	483	360	287	238	203
203	238	287	360	483	626	735	626	483	360	287	238	203

● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1000-60°

187	250	334	397	466	607	754	607	466	397	334	250	187	17
187	249	367	516	664	830	951	830	664	516	367	249	187	
187	249	366	688	931	1199	1400	1199	931	688	366	249	187	
187	248	365	686	1232	1634	1919	1634	1232	686	365	248	187	
187	248	365	686	1462	2066	2197	2066	1462	686	365	248	187	8x20
187	248	365	686	1709	2197	2197	2197	1709	686	365	248	187	177
187	248	365	686	1600	2197	2197	2197	1600	686	365	248	187	
187	248	365	686	1389	2030	2197	2030	1389	686	365	248	187	
187	248	365	686	1150	1543	1818	1543	1150	686	365	248	187	

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

231	272	328	397	466	607	754	607	466	397	328	272	231
231	272	328	411	553	717	843	717	553	411	328	272	231
231	271	327	411	552	717	843	717	552	411	327	271	231
231	271	327	411	552	716	843	716	552	411	327	271	231
231	271	327	411	552	716	843	716	552	411	327	271	231
231	271	327	411	552	716	843	716	552	411	327	271	231
231	271	327	411	552	716	843	716	552	411	327	271	231
231	271	327	411	552	716	843	716	552	411	327	271	231
231	271	327	411	552	716	843	716	552	411	327	271	231

● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1000-65°

223	264	289	342	428	353	621	353	428	342	289	264	223	17
223	298	415	503	624	800	994	800	624	503	415	298	223	
223	298	440	684	905	1161	1359	1161	905	684	440	298	223	
223	297	439	837	1234	1635	1918	1635	1234	837	439	297	223	
223	297	439	837	1475	2089	2197	2089	1475	837	439	297	223	8x20
223	297	439	837	1728	2197	2197	2197	1728	837	439	297	223	177
223	297	439	837	1606	2197	2197	2197	1606	837	439	297	223	
223	297	439	837	1390	2023	2197	2023	1390	837	439	297	223	
223	297	439	812	1117	1469	1722	1469	1117	812	439	297	223	

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

249	264	289	342	428	353	621	353	428	342	289	264	249
273	320	385	483	624	800	971	800	624	483	385	320	273
273	320	385	482	644	831	971	831	644	482	385	320	273
273	320	385	482	643	831	971	831	643	482	385	320	273
273	320	385	482	643	831	971	831	643	482	385	320	273
273	320	385	482	643	831	971	831	643	482	385	320	273
273	320	385	482	643	831	971	831	643	482	385	320	273
273	320	385	482	643	831	971	831	643	482	385	320	273
263	320	385	482	643	831	971	831	643	482	385	320	263

● F max. = 2197 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1000-0°

97	136	148	202	336	556	662	556	336	202	148	136	97	17
97	136	226	274	381	575	713	575	381	274	226	136	97	
97	136	226	433	611	807	917	807	611	433	226	136	97	
97	136	226	493	692	893	1027	893	692	493	226	136	97	
97	136	226	514	777	1059	1256	1059	777	514	226	136	97	
97	136	226	537	829	1299	1618	1299	829	537	226	136	97	
97	136	226	555	873	1414	1626	1414	873	555	226	136	97	
97	136	226	537	827	1293	1626	1293	827	537	226	136	97	
97	136	226	504	753	1121	1483	1121	753	504	226	136	97	

8x20 / 177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59
59	67	78	93	115	136	151	136	115	93	78	67	59

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-5°

94	130	163	227	368	570	659	570	368	227	163	130	94	17
94	130	210	263	387	619	762	619	387	263	210	130	94	
94	130	210	444	626	838	955	838	626	444	210	130	94	
94	130	210	476	714	923	1063	923	714	476	210	130	94	
94	130	210	486	808	1101	1311	1101	808	486	210	130	94	
94	130	210	498	868	1363	1622	1363	868	498	210	130	94	
94	130	210	507	917	1500	1626	1500	917	507	210	130	94	
94	130	210	498	845	1313	1626	1313	845	498	210	130	94	
94	130	210	482	768	1136	1494	1136	768	482	210	130	94	

8x20 / 177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63
63	72	84	101	127	152	169	152	127	101	84	72	63

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-10°

90	124	179	252	400	583	656	583	400	252	179	124	90	17
90	124	195	252	393	663	811	663	393	252	195	124	90	
90	124	195	454	642	869	993	869	642	454	195	124	90	
90	124	195	459	735	953	1100	953	735	459	195	124	90	
90	124	195	459	839	1143	1365	1143	839	459	195	124	90	
90	124	195	459	908	1427	1626	1427	908	459	195	124	90	
90	124	195	459	962	1585	1626	1585	962	459	195	124	90	
90	124	195	459	863	1334	1626	1334	863	459	195	124	90	
90	124	195	459	783	1152	1505	1152	783	459	195	124	90	

8x20 / 177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66
66	77	90	109	138	167	187	167	138	109	90	77	66

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-15°

88	120	179	294	409	545	613	545	409	294	179	120	88	17
88	120	187	305	461	674	796	674	461	305	187	120	88	
88	120	187	416	624	861	1027	861	624	416	187	120	88	
88	120	187	418	751	976	1128	976	751	418	187	120	88	
88	120	187	418	866	1192	1434	1192	866	418	187	120	88	
88	120	187	418	947	1511	1626	1511	947	418	187	120	88	
88	120	187	418	955	1549	1626	1549	955	418	187	120	88	
88	120	187	418	848	1286	1626	1286	848	418	187	120	88	
88	120	187	418	779	1131	1463	1131	779	418	187	120	88	

8x20 / 177

95 | 4x90 | 30 | 30 | 30 | 4x90 | 95

1000

71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71
71	82	97	118	151	186	209	186	151	118	97	82	71

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

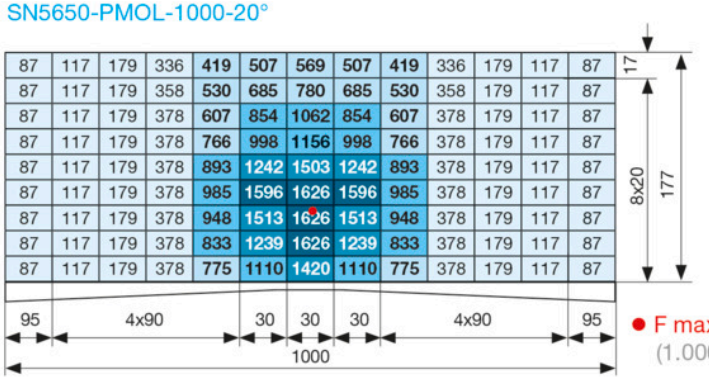
SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1000-20°

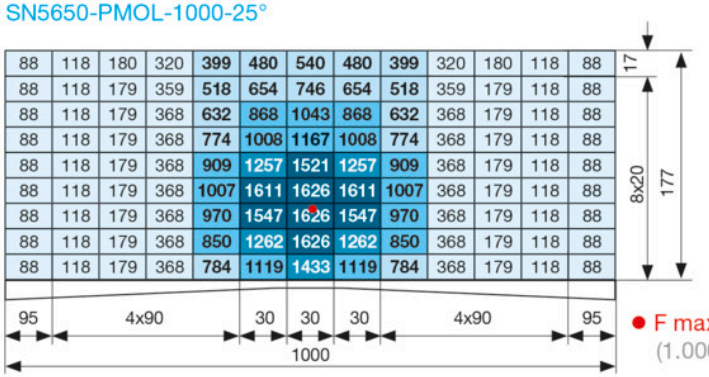


87	117	179	336	419	507	569	507	419	336	179	117	87
87	117	179	358	530	685	780	685	530	358	179	117	87
87	117	179	378	607	854	1062	854	607	378	179	117	87
87	117	179	378	766	998	1156	998	766	378	179	117	87
87	117	179	378	893	1242	1503	1242	893	378	179	117	87
87	117	179	378	985	1596	1626	1596	985	378	179	117	87
87	117	179	378	948	1513	1626	1513	948	378	179	117	87
87	117	179	378	833	1239	1626	1239	833	378	179	117	87
87	117	179	378	775	1110	1420	1110	775	378	179	117	87

75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75
75	87	103	127	164	204	231	204	164	127	103	87	75

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-25°

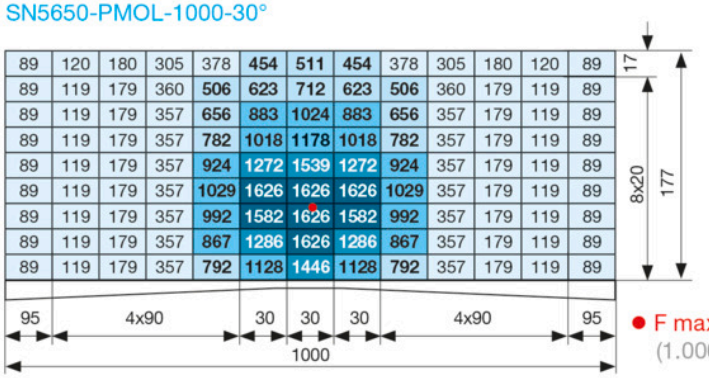


88	118	180	320	399	480	540	480	399	320	180	118	88
88	118	179	359	518	654	746	654	518	359	179	118	88
88	118	179	368	632	868	1043	868	632	368	179	118	88
88	118	179	368	774	1008	1167	1008	774	368	179	118	88
88	118	179	368	909	1257	1521	1257	909	368	179	118	88
88	118	179	368	1007	1611	1626	1611	1007	368	179	118	88
88	118	179	368	970	1547	1626	1547	970	368	179	118	88
88	118	179	368	850	1262	1626	1262	850	368	179	118	88
88	118	179	368	784	1119	1433	1119	784	368	179	118	88

81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81
81	95	113	139	181	227	260	227	181	139	113	95	81

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-30°

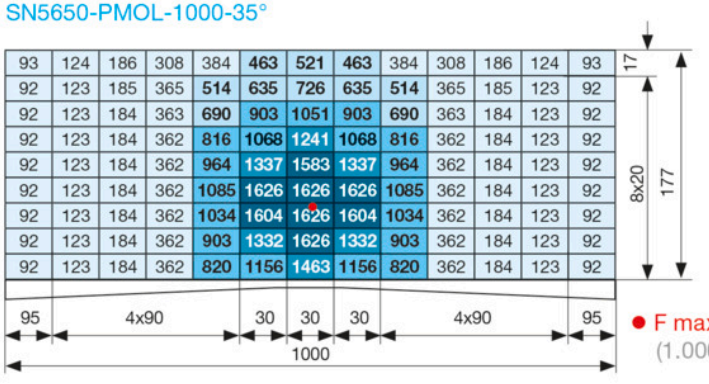


89	120	180	305	378	454	511	454	378	305	180	120	89
89	119	179	360	506	623	712	623	506	360	179	119	89
89	119	179	357	656	883	1024	883	656	357	179	119	89
89	119	179	357	782	1018	1178	1018	782	357	179	119	89
89	119	179	357	924	1272	1539	1272	924	357	179	119	89
89	119	179	357	1029	1626	1626	1626	1029	357	179	119	89
89	119	179	357	992	1582	1626	1582	992	357	179	119	89
89	119	179	357	867	1286	1626	1286	867	357	179	119	89
89	119	179	357	792	1128	1446	1128	792	357	179	119	89

87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87
87	102	122	151	198	250	288	250	198	151	122	102	87

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-35°



93	124	186	308	384	463	521	463	384	308	186	124	93
92	123	185	365	514	635	726	635	514	365	185	123	92
92	123	184	363	690	903	1051	903	690	363	184	123	92
92	123	184	362	816	1068	1241	1068	816	362	184	123	92
92	123	184	362	964	1337	1583	1337	964	362	184	123	92
92	123	184	362	1085	1626	1626	1626	1085	362	184	123	92
92	123	184	362	1034	1604	1626	1604	1034	362	184	123	92
92	123	184	362	903	1332	1626	1332	903	362	184	123	92
92	123	184	362	820	1156	1463	1156	820	362	184	123	92

96	112	134	167	220	280	324	280	220	167	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96
96	112	134	166	220	280	324	280	220	166	134	112	96

● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

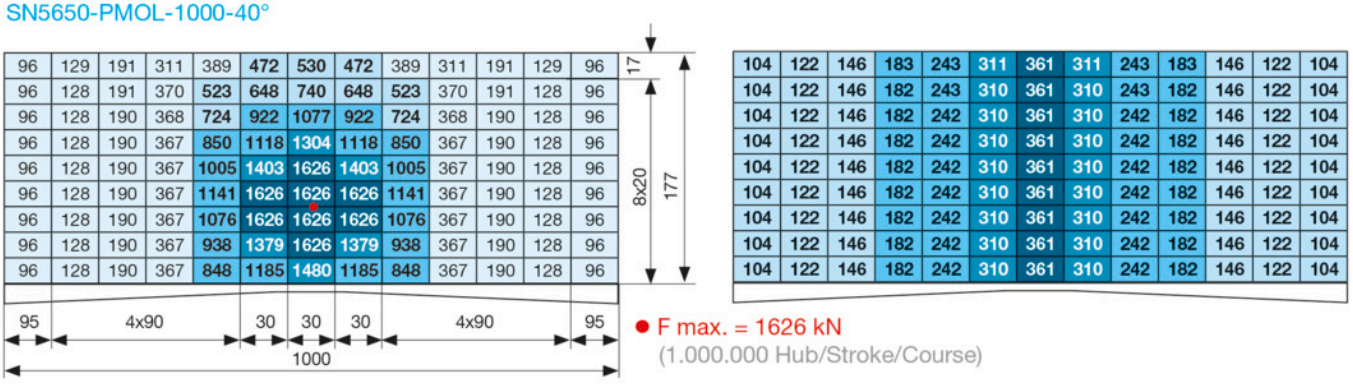
SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

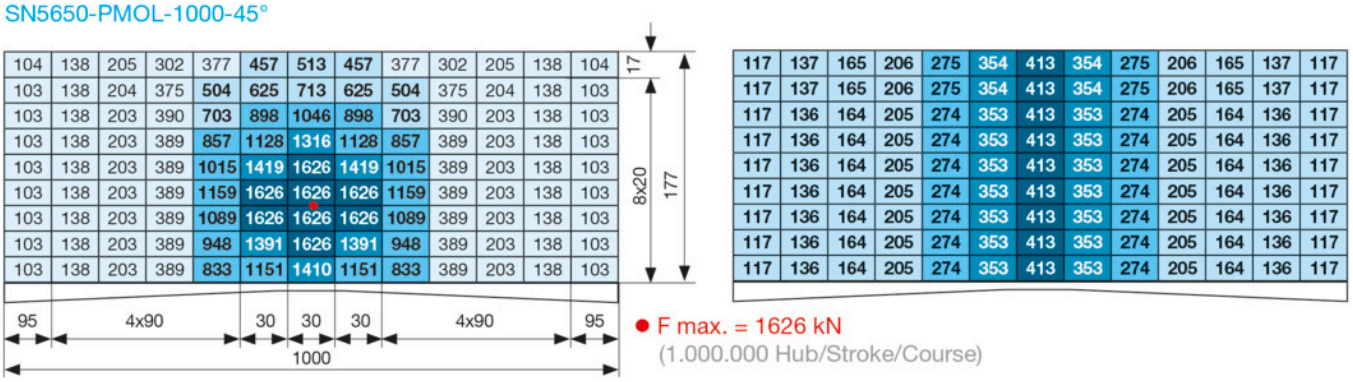
Passfeder
Fitting Key

SN5650-PMOL-1000-40°



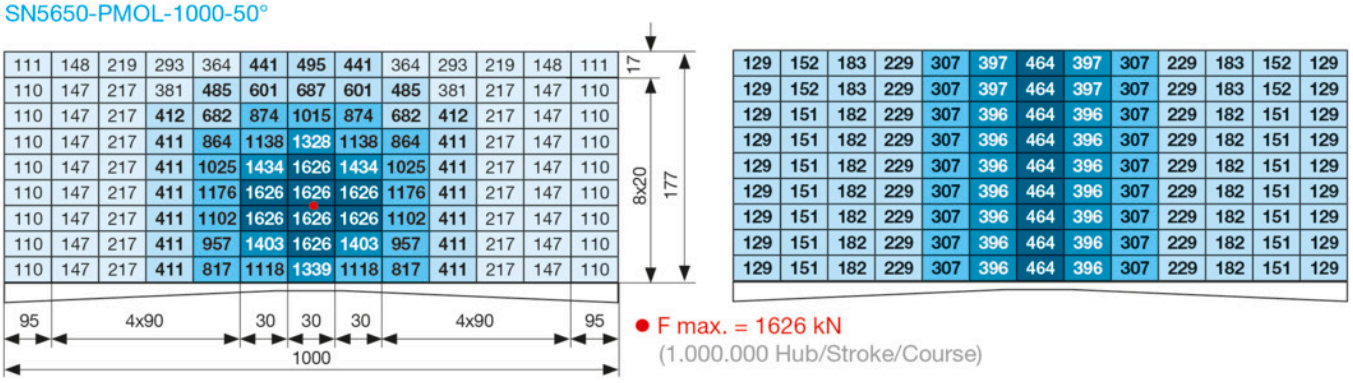
● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-45°



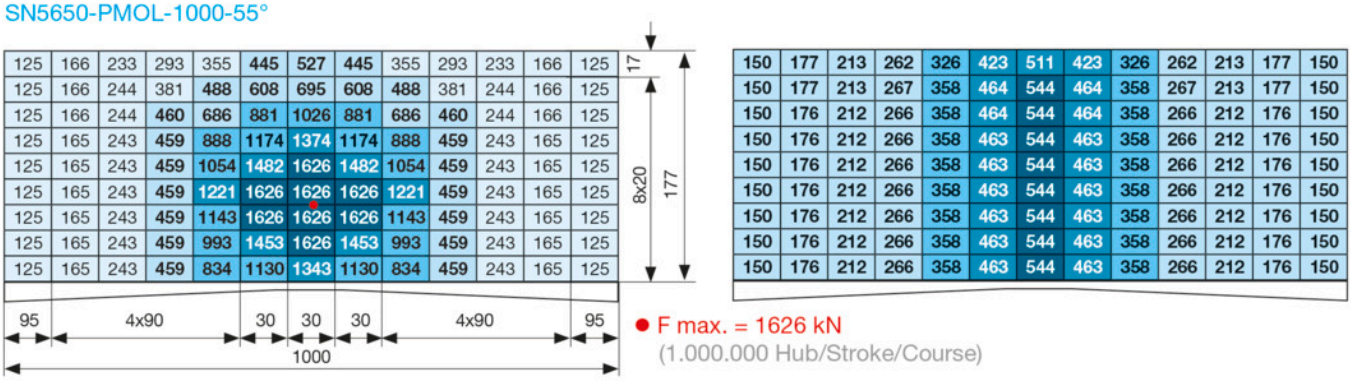
● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-50°



● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-55°



● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1000-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

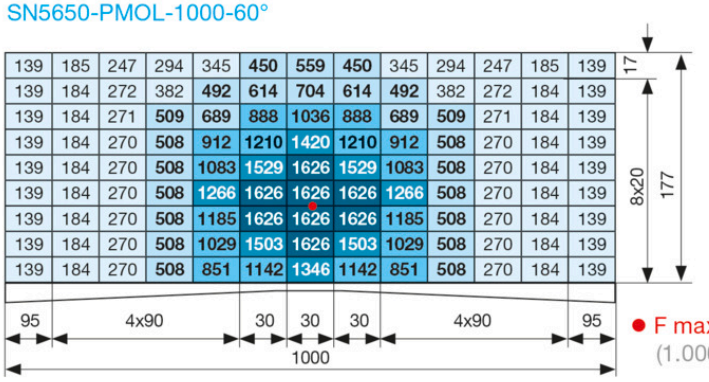
Passfeder
Fitting Key

SN5650-PMOL-1000-60°

139	185	247	294	345	450	559	450	345	294	247	185	139	17
139	184	272	382	492	614	704	614	492	382	272	184	139	
139	184	271	509	689	888	1036	888	689	509	271	184	139	
139	184	270	508	912	1210	1420	1210	912	508	270	184	139	
139	184	270	508	1083	1529	1626	1529	1083	508	270	184	139	
139	184	270	508	1266	1626	1626	1626	1266	508	270	184	139	
139	184	270	508	1185	1626	1626	1626	1185	508	270	184	139	
139	184	270	508	1029	1503	1626	1503	1029	508	270	184	139	
139	184	270	508	851	1142	1346	1142	851	508	270	184	139	

8x20 / 177

171	201	243	294	345	450	559	450	345	294	243	201	171
171	201	243	305	409	531	624	531	409	305	243	201	171
171	200	242	304	409	531	624	531	409	304	242	200	171
171	200	242	304	409	530	624	530	409	304	242	200	171
171	200	242	304	409	530	624	530	409	304	242	200	171
171	200	242	304	409	530	624	530	409	304	242	200	171
171	200	242	304	409	530	624	530	409	304	242	200	171
171	200	242	304	409	530	624	530	409	304	242	200	171
171	200	242	304	409	530	624	530	409	304	242	200	171



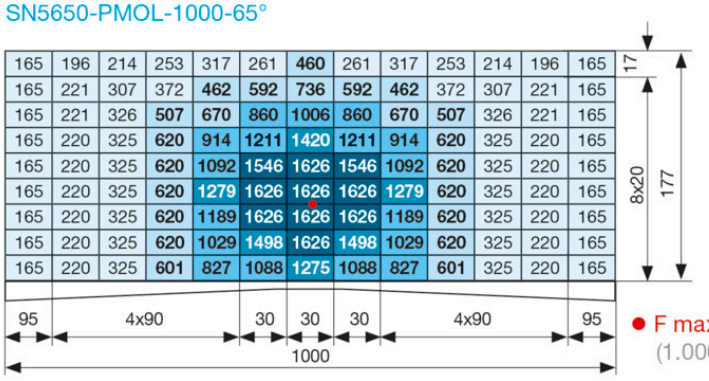
● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1000-65°

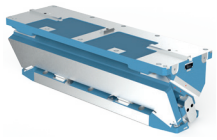
165	196	214	253	317	261	460	261	317	253	214	196	165	17
165	221	307	372	462	592	736	592	462	372	307	221	165	
165	221	326	507	670	860	1006	860	670	507	326	221	165	
165	220	325	620	914	1211	1420	1211	914	620	325	220	165	
165	220	325	620	1092	1546	1626	1546	1092	620	325	220	165	
165	220	325	620	1279	1626	1626	1626	1279	620	325	220	165	
165	220	325	620	1189	1626	1626	1626	1189	620	325	220	165	
165	220	325	620	1029	1498	1626	1498	1029	620	325	220	165	
165	220	325	601	827	1088	1275	1088	827	601	325	220	165	

8x20 / 177

184	196	214	253	317	261	460	261	317	253	214	196	184
202	237	285	357	462	592	719	592	462	357	285	237	202
202	237	285	357	477	615	719	615	477	357	285	237	202
202	237	285	357	476	615	719	615	476	357	285	237	202
202	237	285	357	476	615	719	615	476	357	285	237	202
202	237	285	357	476	615	719	615	476	357	285	237	202
202	237	285	357	476	615	719	615	476	357	285	237	202
202	237	285	357	476	615	719	615	476	357	285	237	202
195	237	285	357	476	615	719	615	476	357	285	237	195



● F max. = 1626 kN
(1.000.000 Hub/Stroke/Course)

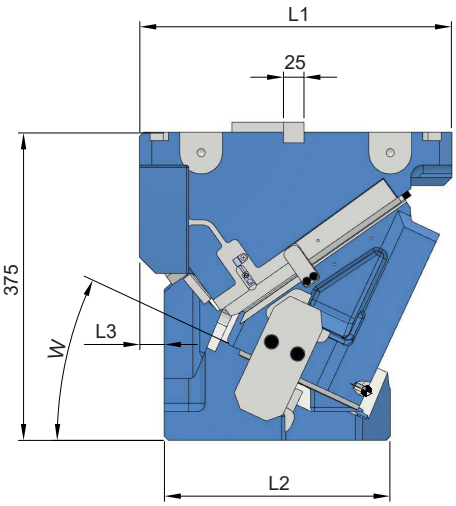


SN5650-PMOL-1200-

Oben hängender Schieber

Aerial cam unit

Arbeitsfläche	*Working area*	1200 x 177 mm
Schieberbreite max.	*Cam unit width max.*	1200 mm
Einbauhöhe	*Installation height*	375 mm
Schieberkraft	*Cam force*	2263 kN



Gusstoleranzgrad CT

nach DIN ISO 8062

(blau = Rohgussfläche)

Casting tolerance grade CT

according to DIN ISO 8062

(blue = raw casting area)

Positionskontrolle:
Control of position:



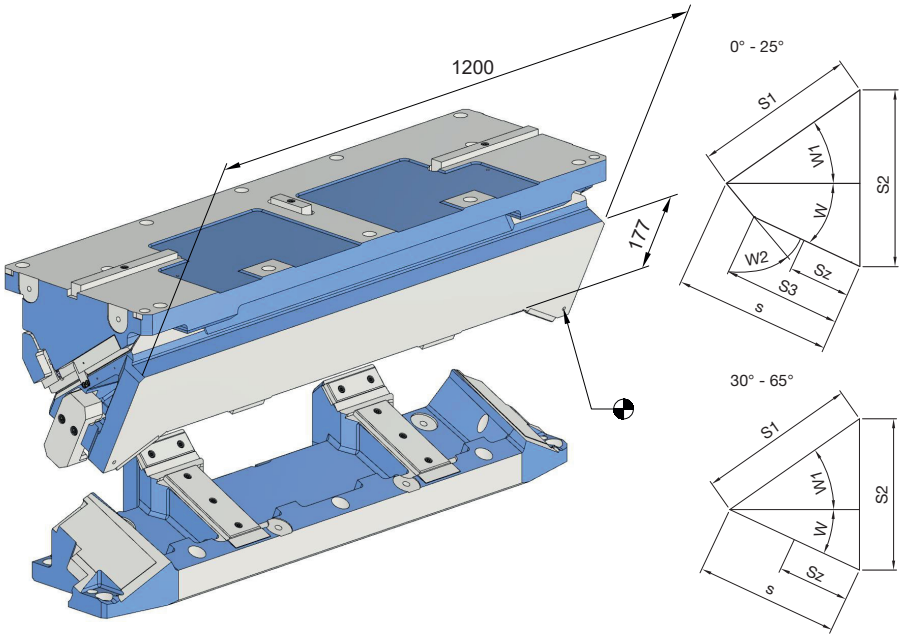
Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended



Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

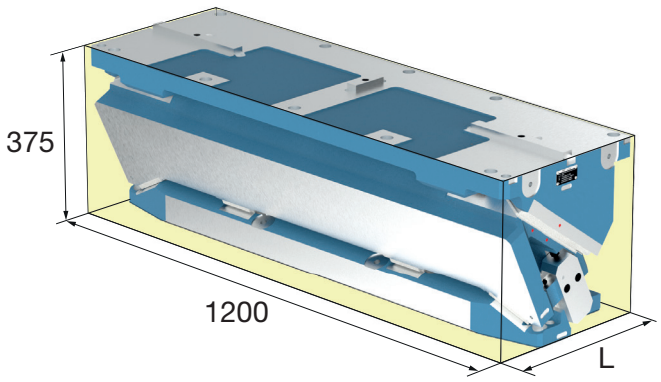
Sz = Engagement length of activ return, 0° - 25° with pre-acceleration, 30° - 65° without pre-acceleration

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SN5650-PMOL-1200-

Oben hängender Schieber

Aerial cam unit



E0



E1



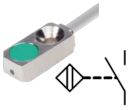
G0



S0



S1



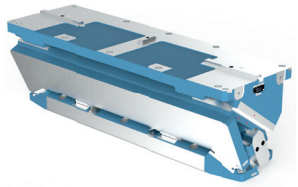
Mat.: *EN-GJS-600-3 (GGG 60)*

W = Schieberwinkel
Cam Angle
E = Einarbeitung
Machining

G = Gasdruckfeder
Gas spring
SE = Sensor
Sensor

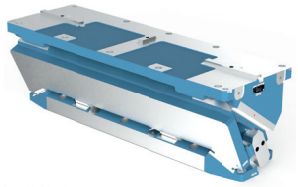
W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
0°	E0	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E0-G0-S0-V04
0°	E0	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E0-G0-S1-V04
0°	E0	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E0-G1-S0-V04
0°	E0	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E0-G1-S1-V04
0°	E1	G0	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E1-G0-S0-V04
0°	E1	G0	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E1-G0-S1-V04
0°	E1	G1	S0	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E1-G1-S0-V04
0°	E1	G1	S1	365	47	30	45.7	67	55.2	35	26	360	300	65	SN5650-PMOL-1200-00-E1-G1-S1-V04
5°	E0	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E0-G0-S0-V04
5°	E0	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E0-G0-S1-V04
5°	E0	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E0-G1-S0-V04
5°	E0	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E0-G1-S1-V04
5°	E1	G0	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E1-G0-S0-V04
5°	E1	G0	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E1-G0-S1-V04
5°	E1	G1	S0	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E1-G1-S0-V04
5°	E1	G1	S1	365	45	30	48.2	67	59.2	35	26	360	300	65	SN5650-PMOL-1200-05-E1-G1-S1-V04
10°	E0	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E0-G0-S0-V04
10°	E0	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E0-G0-S1-V04
10°	E0	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E0-G1-S0-V04
10°	E0	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E0-G1-S1-V04
10°	E1	G0	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E1-G0-S0-V04
10°	E1	G0	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E1-G0-S1-V04
10°	E1	G1	S0	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E1-G1-S0-V04
10°	E1	G1	S1	375	42	30	51.8	67	60.5	40	32	375	310	35	SN5650-PMOL-1200-10-E1-G1-S1-V04
15°	E0	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E0-G0-S0-V04
15°	E0	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E0-G0-S1-V04
15°	E0	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E0-G1-S0-V04
15°	E0	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E0-G1-S1-V04
15°	E1	G0	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E1-G0-S0-V04
15°	E1	G0	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E1-G0-S1-V04
15°	E1	G1	S0	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E1-G1-S0-V04
15°	E1	G1	S1	375	40	30	55.5	67	66.1	40	32	375	310	35	SN5650-PMOL-1200-15-E1-G1-S1-V04
20°	E0	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E0-G0-S0-V04
20°	E0	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E0-G0-S1-V04
20°	E0	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E0-G1-S0-V04
20°	E0	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E0-G1-S1-V04

D 1801D 06.2022



W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E1-G1-S0-V04
20°	E1	G1	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1200-20-E1-G1-S1-V04
25°	E0	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E0-G0-S0-V04
25°	E0	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E0-G0-S1-V04
25°	E0	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E0-G1-S0-V04
25°	E0	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E0-G1-S1-V04
25°	E1	G0	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E1-G0-S0-V04
25°	E1	G0	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E1-G0-S1-V04
25°	E1	G1	S0	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E1-G1-S0-V04
25°	E1	G1	S1	380	35	25	54.7	57	62	40	32	380	275	30	SN5650-PMOL-1200-25-E1-G1-S1-V04
30°	E0	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E0-G0-S0-V04
30°	E0	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E0-G0-S1-V04
30°	E0	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E0-G1-S0-V04
30°	E0	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E0-G1-S1-V04
30°	E1	G0	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E1-G0-S0-V04
30°	E1	G0	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E1-G0-S1-V04
30°	E1	G1	S0	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E1-G1-S0-V04
30°	E1	G1	S1	390	32	-	50.9	52	53	-	42	390	265	20	SN5650-PMOL-1200-30-E1-G1-S1-V04
35°	E0	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E0-G0-S0-V04
35°	E0	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E0-G0-S1-V04
35°	E0	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E0-G1-S0-V04
35°	E0	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E0-G1-S1-V04
35°	E1	G0	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E1-G0-S0-V04
35°	E1	G0	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E1-G0-S1-V04
35°	E1	G1	S0	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E1-G1-S0-V04
35°	E1	G1	S1	390	30	-	49.7	47	52	-	42	390	265	20	SN5650-PMOL-1200-35-E1-G1-S1-V04
40°	E0	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E0-G0-S0-V04
40°	E0	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E0-G0-S1-V04
40°	E0	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E0-G1-S0-V04
40°	E0	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E0-G1-S1-V04
40°	E1	G0	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E1-G0-S0-V04
40°	E1	G0	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E1-G0-S1-V04
40°	E1	G1	S0	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E1-G1-S0-V04
40°	E1	G1	S1	395	27	-	54.7	47	56.5	-	47	395	260	0	SN5650-PMOL-1200-40-E1-G1-S1-V04
45°	E0	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E0-G0-S0-V04
45°	E0	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E0-G0-S1-V04
45°	E0	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E0-G1-S0-V04
45°	E0	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E0-G1-S1-V04
45°	E1	G0	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E1-G0-S0-V04
45°	E1	G0	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E1-G0-S1-V04
45°	E1	G1	S0	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E1-G1-S0-V04
45°	E1	G1	S1	395	25	-	60.2	47	62.5	-	47	395	260	0	SN5650-PMOL-1200-45-E1-G1-S1-V04
50°	E0	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E0-G0-S0-V04
50°	E0	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E0-G0-S1-V04
50°	E0	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E0-G1-S0-V04
50°	E0	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E0-G1-S1-V04
50°	E1	G0	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E1-G0-S0-V04
50°	E1	G0	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E1-G0-S1-V04
50°	E1	G1	S0	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	-	67.8	47	69.5	-	52	395	250	20	SN5650-PMOL-1200-50-E1-G1-S1-V04
55°	E0	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E0-G0-S0-V04
55°	E0	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E0-G0-S1-V04
55°	E0	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E0-G1-S0-V04

D 1801D 06.2022



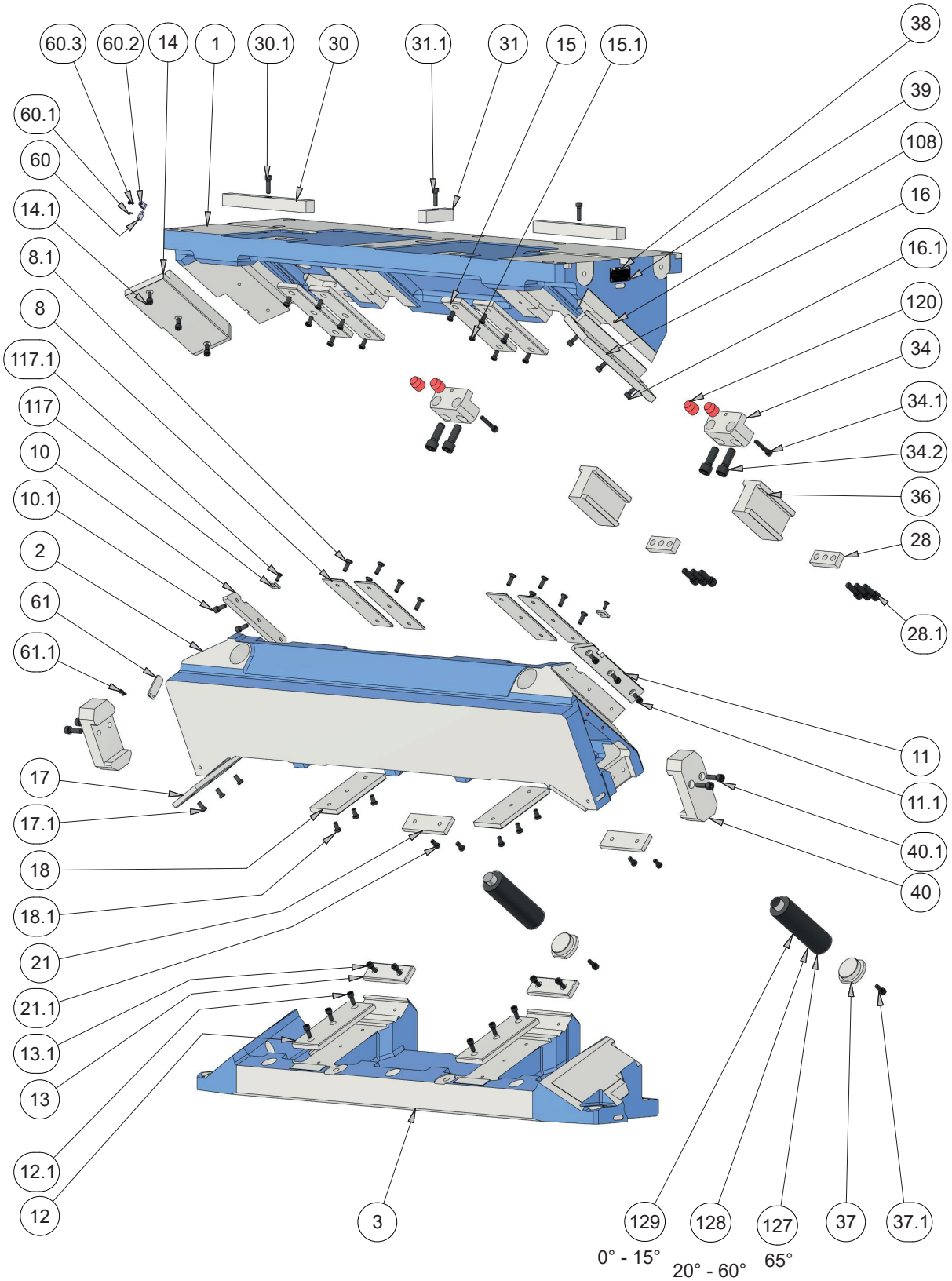
W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
55°	E0	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E0-G1-S1-V04
55°	E1	G0	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E1-G0-S0-V04
55°	E1	G0	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E1-G0-S1-V04
55°	E1	G1	S0	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E1-G1-S0-V04
55°	E1	G1	S1	415	20	-	68.8	42	70.7	-	52	395	250	20	SN5650-PMOL-1200-55-E1-G1-S1-V04
60°	E0	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E0-G0-S0-V04
60°	E0	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E0-G0-S1-V04
60°	E0	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E0-G1-S0-V04
60°	E0	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E0-G1-S1-V04
60°	E1	G0	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E1-G0-S0-V04
60°	E1	G0	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E1-G0-S1-V04
60°	E1	G1	S0	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E1-G1-S0-V04
60°	E1	G1	S1	425	17	-	70.8	37	72.1	-	52	395	225	30	SN5650-PMOL-1200-60-E1-G1-S1-V04
65°	E0	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E0-G0-S0-V04
65°	E0	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E0-G0-S1-V04
65°	E0	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E0-G1-S0-V04
65°	E0	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E0-G1-S1-V04
65°	E1	G0	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E1-G0-S0-V04
65°	E1	G0	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E1-G0-S1-V04
65°	E1	G1	S0	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E1-G1-S0-V04
65°	E1	G1	S1	425	15	-	73.1	32	74.6	-	52	395	225	30	SN5650-PMOL-1200-65-E1-G1-S1-V04

D 1801D 06.2022

SN5650-PMOL-1200-

Bauteile

Components



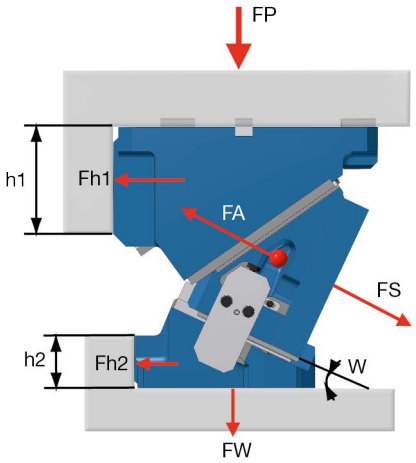
Ersatzteilstückliste je Schieber unter www.strack.de *Sparepart lists under www.strack.de*

SN5650-PMOL-1200-

Kraftverteilung
Force Distribution

500.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	2263	2186	2323	2186	-60	185	60	138
05°	2263	2198	2146	2001	100	178	70	144
10°	2263	2209	1969	1816	259	170	80	149
15°	2263	2219	1815	1635	362	173	78	148
20°	2263	2229	1661	1455	466	175	75	147
25°	2263	2237	1523	1284	520	155	88	148
30°	2263	2246	1386	1114	574	135	100	148
35°	2263	2253	1261	806	586	133	100	147
40°	2263	2261	1135	674	598	130	100	145
45°	2263	2268	1019	1455	575	120	116	143
50°	2263	2275	903	434	552	110	132	140
55°	2263	2281	793	434	500	100	151	138
60°	2263	2288	684	328	448	90	170	135
65°	2263	2285	597	234	359	90	170	134



1.000.000 Stroke

W	FS [kN]	FP [kN]	Fh1 [kN]	FW [kN]	Fh2 [kN]	h1 [mm]	h2 [mm]	FA [kN]
00°	1810	1841	1870	1764	-60	185	60	63
05°	1810	1841	1728	1616	69	178	70	70
10°	1810	1841	1585	1468	198	170	80	77
15°	1810	1841	1461	1323	282	173	78	74
20°	1810	1841	1336	1179	365	175	75	72
25°	1810	1841	1225	1042	409	155	88	72
30°	1810	1841	1114	906	454	135	100	73
35°	1810	1841	1013	782	464	133	100	73
40°	1810	1841	912	659	475	130	100	72
45°	1810	1841	818	553	457	120	116	72
50°	1810	1841	725	447	439	110	132	73
55°	1810	1841	636	361	398	100	151	73
60°	1810	1841	548	275	357	90	170	74
65°	1810	1841	478	200	287	90	170	74

W = Schieberwinkel
FP = P-Presse
FW = W-Werkzeug
FS = S-Schieberkraft
FA = A-Abstreifkraft
Fh1 = h1-Abschulterung oben
Fh2 = h2-Abschulterung unten

W = *Cam Angle*
FP = *P-Press*
FW = *W-Tool*
FS = *S-Cam Force*
FA = *A-Retractility*
Fh1 = *h1-Shouldering above*
Fh2 = *h2-Shouldering below*

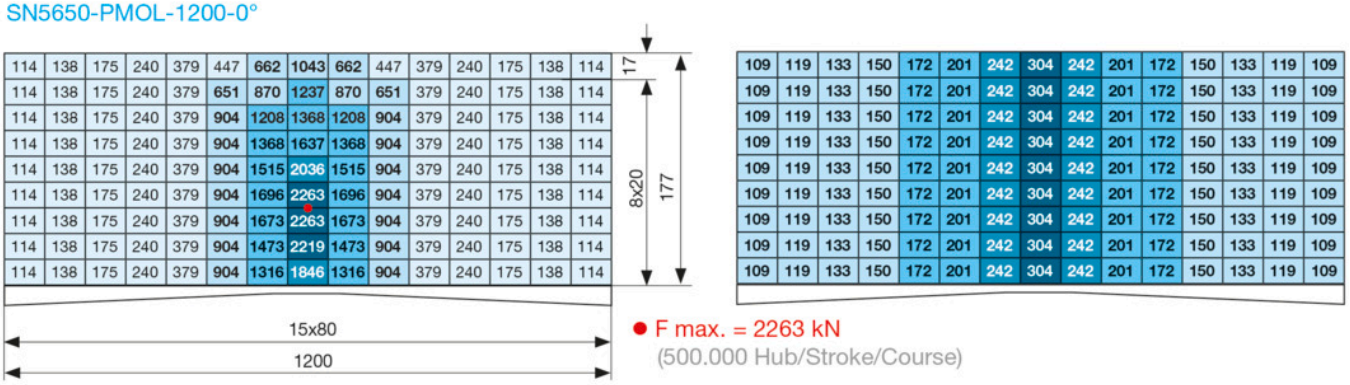
SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

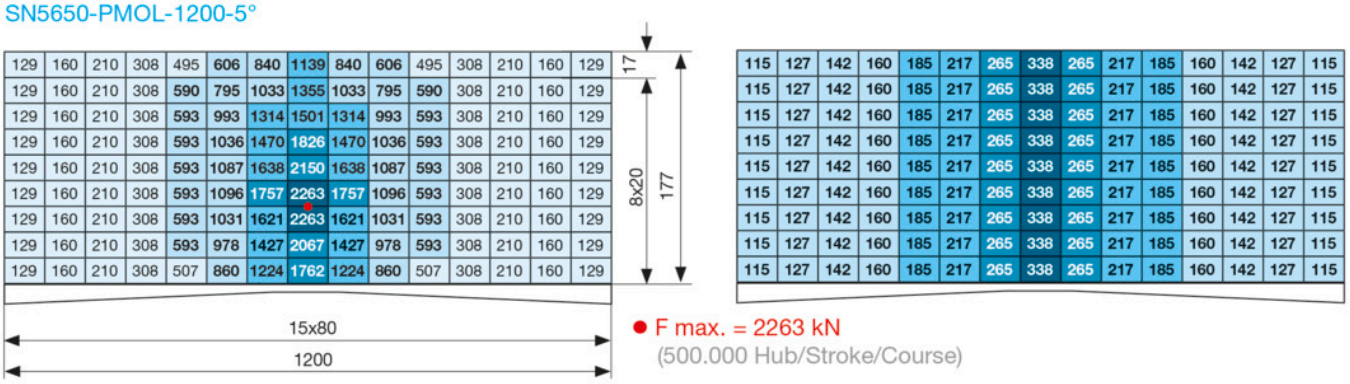
Passfeder
Fitting Key

SN5650-PMOL-1200-0°



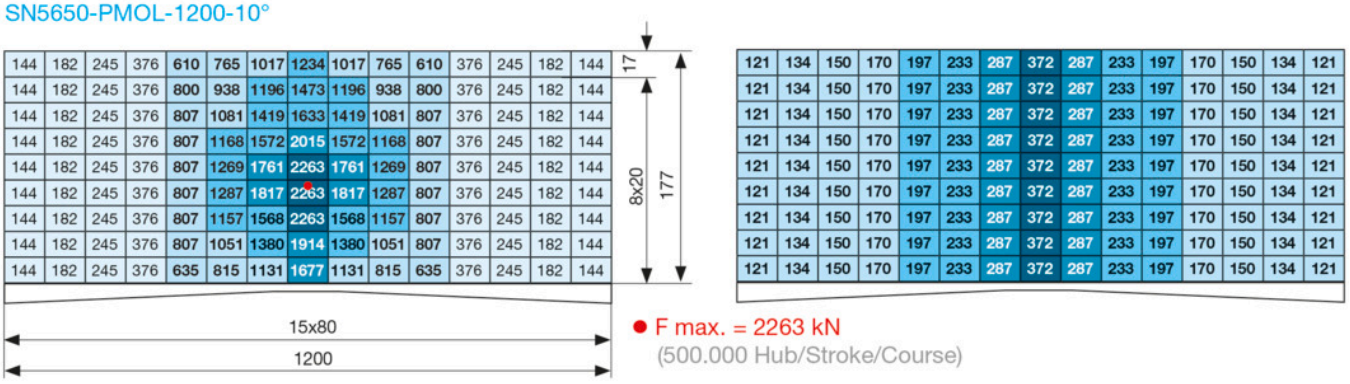
● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-5°



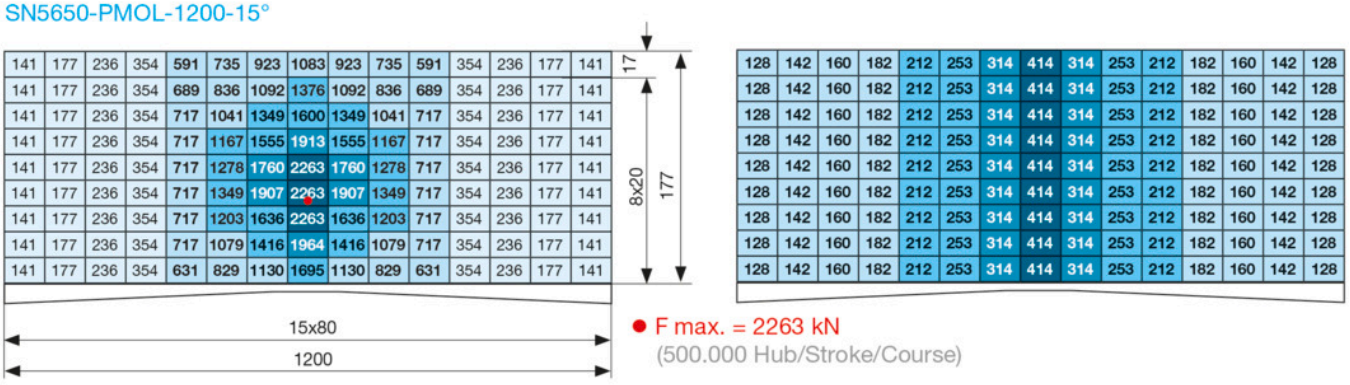
● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-10°



● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-15°



● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1200-20°

137	171	226	332	571	705	828	931	828	705	571	332	226	171	137
137	171	226	332	578	733	988	1279	988	733	578	332	226	171	137
137	171	226	332	626	1000	1278	1567	1278	1000	626	332	226	171	137
137	171	226	332	626	1165	1538	1810	1538	1165	626	332	226	171	137
137	171	226	332	626	1287	1758	2263	1758	1287	626	332	226	171	137
137	171	226	332	626	1410	1997	2263	1997	1410	626	332	226	171	137
137	171	226	332	626	1248	1704	2263	1704	1248	626	332	226	171	137
137	171	226	332	626	1107	1451	2014	1451	1107	626	332	226	171	137
137	171	226	332	626	843	1129	1712	1129	843	626	332	226	171	137

17 · 8x20 · 177

15x80
1200

135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135
135	150	169	194	226	272	340	455	340	272	226	194	169	150	135

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-25°

138	172	225	327	571	705	803	901	803	705	571	327	225	172	138
138	172	225	327	574	807	1027	1250	1027	807	574	327	225	172	138
138	172	225	327	597	1010	1288	1616	1288	1010	597	327	225	172	138
138	172	225	327	597	1195	1577	1855	1577	1195	597	327	225	172	138
138	172	225	327	597	1324	1810	2263	1810	1324	597	327	225	172	138
138	172	225	327	597	1448	2065	2263	2065	1448	597	327	225	172	138
138	172	225	327	597	1270	1729	2263	1729	1270	597	327	225	172	138
138	172	225	327	597	1125	1470	2022	1470	1125	597	327	225	172	138
138	172	225	327	597	920	1218	1693	1218	920	597	327	225	172	138

17 · 8x20 · 177

15x80
1200

145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145
145	162	183	210	246	297	374	508	374	297	246	210	183	162	145

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-30°

139	172	224	322	571	704	777	870	777	704	571	322	224	172	139
139	172	224	321	569	880	1066	1220	1066	880	569	321	224	172	139
139	172	224	321	568	1020	1297	1665	1297	1020	568	321	224	172	139
139	172	224	321	568	1224	1616	1900	1616	1224	568	321	224	172	139
139	172	224	321	568	1360	1861	2263	1861	1360	568	321	224	172	139
139	172	224	321	568	1486	2132	2263	2132	1486	568	321	224	172	139
139	172	224	321	568	1291	1754	2263	1754	1291	568	321	224	172	139
139	172	224	321	568	1142	1489	2030	1489	1142	568	321	224	172	139
139	172	224	321	568	996	1307	1674	1307	996	568	321	224	172	139

17 · 8x20 · 177

15x80
1200

155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155
155	173	196	225	265	321	408	560	408	321	265	225	196	173	155

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-35°

144	178	231	329	571	702	778	872	778	702	571	329	231	178	144
144	178	230	328	570	916	1068	1222	1068	916	570	328	230	178	144
144	178	230	328	569	1079	1403	1694	1403	1079	569	328	230	178	144
144	178	230	328	569	1279	1682	1973	1682	1279	569	328	230	178	144
144	178	230	328	569	1423	1943	2263	1943	1423	569	328	230	178	144
144	178	230	328	569	1568	2198	2263	2198	1568	569	328	230	178	144
144	178	230	328	569	1358	1843	2263	1843	1358	569	328	230	178	144
144	178	230	328	569	1201	1563	2128	1563	1201	569	328	230	178	144
144	178	230	328	569	1046	1339	1693	1339	1046	569	328	230	178	144

17 · 8x20 · 177

15x80
1200

169	189	215	247	292	355	454	629	454	355	292	247	215	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169
169	189	214	247	291	355	454	629	454	355	291	247	214	189	169

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

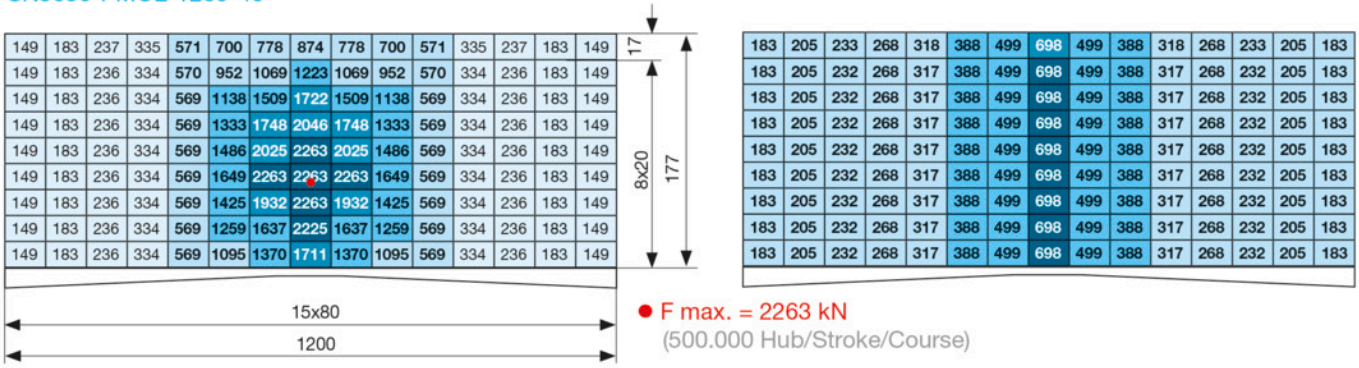
SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1200-40°

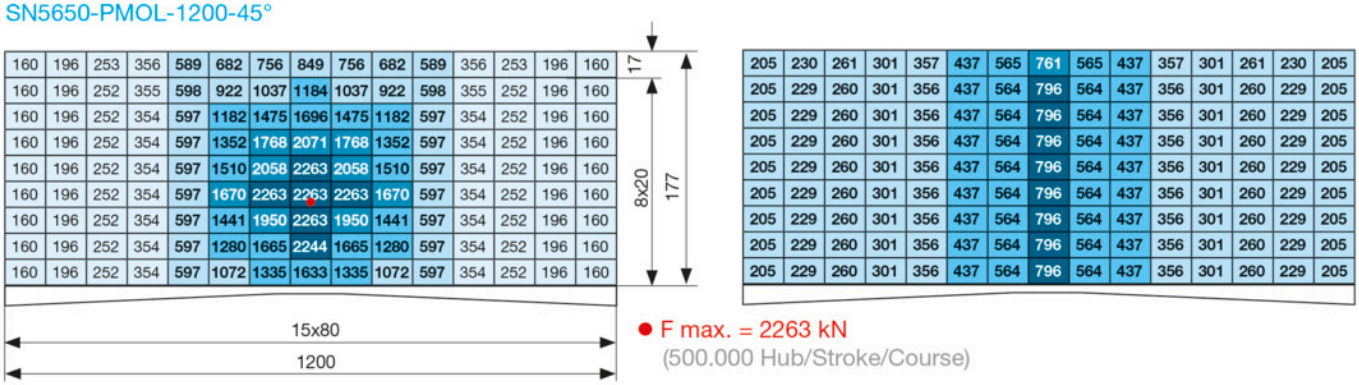


149	183	237	335	571	700	778	874	778	700	571	335	237	183	149
149	183	236	334	570	952	1069	1223	1069	952	570	334	236	183	149
149	183	236	334	569	1138	1509	1722	1509	1138	569	334	236	183	149
149	183	236	334	569	1333	1748	2046	1748	1333	569	334	236	183	149
149	183	236	334	569	1486	2025	2263	2025	1486	569	334	236	183	149
149	183	236	334	569	1649	2263	2263	2263	1649	569	334	236	183	149
149	183	236	334	569	1425	1932	2263	1932	1425	569	334	236	183	149
149	183	236	334	569	1259	1637	2225	1637	1259	569	334	236	183	149
149	183	236	334	569	1095	1370	1711	1370	1095	569	334	236	183	149

183	205	233	268	318	388	499	698	499	388	318	268	233	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183
183	205	232	268	317	388	499	698	499	388	317	268	232	205	183

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-45°

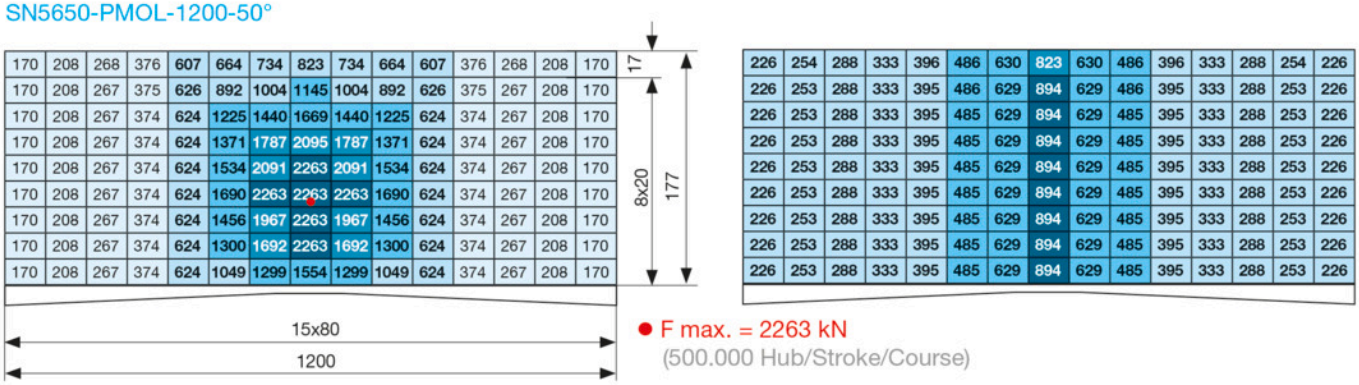


160	196	253	356	589	682	756	849	756	682	589	356	253	196	160
160	196	252	355	598	922	1037	1184	1037	922	598	355	252	196	160
160	196	252	354	597	1182	1475	1696	1475	1182	597	354	252	196	160
160	196	252	354	597	1352	1768	2071	1768	1352	597	354	252	196	160
160	196	252	354	597	1510	2058	2263	2058	1510	597	354	252	196	160
160	196	252	354	597	1670	2263	2263	2263	1670	597	354	252	196	160
160	196	252	354	597	1441	1950	2263	1950	1441	597	354	252	196	160
160	196	252	354	597	1280	1665	2244	1665	1280	597	354	252	196	160
160	196	252	354	597	1072	1335	1633	1335	1072	597	354	252	196	160

205	230	261	301	357	437	565	761	565	437	357	301	261	230	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205
205	229	260	301	356	437	564	796	564	437	356	301	260	229	205

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-50°

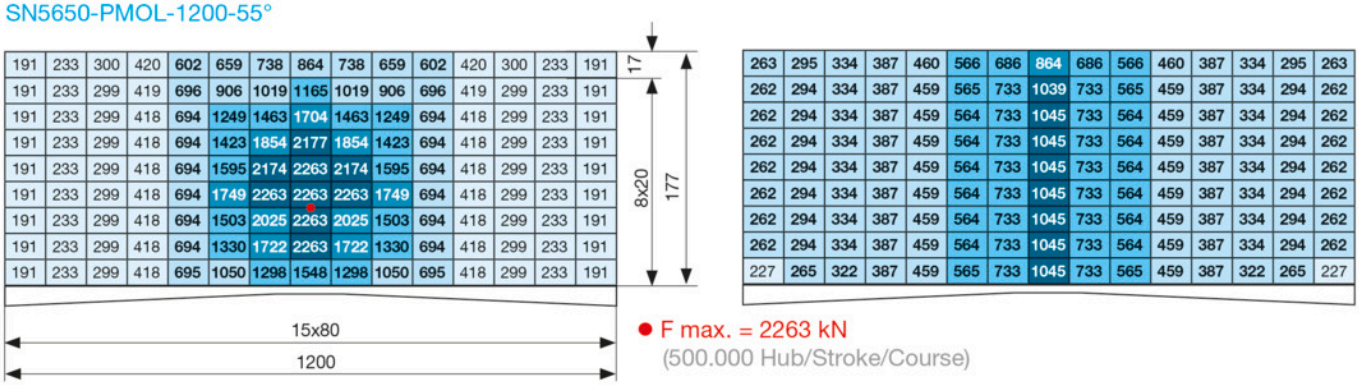


170	208	268	376	607	664	734	823	734	664	607	376	268	208	170
170	208	267	375	626	892	1004	1145	1004	892	626	375	267	208	170
170	208	267	374	624	1225	1440	1669	1440	1225	624	374	267	208	170
170	208	267	374	624	1371	1787	2095	1787	1371	624	374	267	208	170
170	208	267	374	624	1534	2091	2263	2091	1534	624	374	267	208	170
170	208	267	374	624	1690	2263	2263	2263	1690	624	374	267	208	170
170	208	267	374	624	1456	1967	2263	1967	1456	624	374	267	208	170
170	208	267	374	624	1300	1692	2263	1692	1300	624	374	267	208	170
170	208	267	374	624	1049	1299	1554	1299	1049	624	374	267	208	170

226	254	288	333	396	486	630	823	630	486	396	333	288	254	226
226	253	288	333	395	486	629	894	629	486	395	333	288	253	226
226	253	288	333	395	485	629	894	629	485	395	333	288	253	226
226	253	288	333	395	485	629	894	629	485	395	333	288	253	226
226	253	288	333	395	485	629	894	629	485	395	333	288	253	226
226	253	288	333	395	485	629	894	629	485	395	333	288	253	226
226	253	288	333	395	485	629	894	629	485	395	333	288	253	226
226	253	288	333	395	485	629	894	629	485	395	333	288	253	226

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-55°



191	233	300	420	602	659	738	864	738	659	602	420	300	233	191
191	233	299	419	696	906	1019	1165	1019	906	696	419	299	233	191
191	233	299	418	694	1249	1463	1704	1463	1249	694	418	299	233	191
191	233	299	418	694	1423	1854	2177	1854	1423	694	418	299	233	191
191	233	299	418	694	1595	2174	2263	2174	1595	694	418	299	233	191
191	233	299	418	694	1749	2263	2263	2263	1749	694	418	299	233	191
191	233	299	418	694	1503	2025	2263	2025	1503	694	418	299	233	191
191	233	299	418	694	1330	1722	2263	1722	1330	694	418	299	233	191
191	233	299	418	695	1050	1298	1548	1298	1050	695	418	299	233	191

263	295	334	387	460	566	686	864	686	566	460	387	334	295	263
262	294	334	387	459	565	733	1039	733	565	459	387	334	294	262
262	294	334	387	459	564	733	1045	733	564	459	387	334	294	262
262	294	334	387	459	564	733	1045	733	564	459	387	334	294	262
262	294	334	387	459	564	733	1045	733	564	459	387	334	294	262
262	294	334	387	459	564	733	1045	733	564	459	387	334	294	262
262	294	334	387	459	564	733	1045	733	564	459	387	334	294	262
262	294	334	387	459	564	733	1045	733	564	459	387	334	294	262
227	265	322	387	459	565	733	1045	733	565	459	387	322	265	227

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1200-60°

211	258	332	464	597	653	742	904	742	653	597	464	332	258	211
211	258	331	463	766	919	1033	1184	1033	919	766	463	331	258	211
211	258	331	462	764	1272	1486	1739	1486	1272	764	462	331	258	211
211	258	331	462	764	1474	1920	2258	1920	1474	764	462	331	258	211
211	258	331	462	764	1656	2256	2263	2256	1656	764	462	331	258	211
211	258	331	462	764	1808	2263	2263	2263	1808	764	462	331	258	211
211	258	331	462	764	1550	2082	2263	2082	1550	764	462	331	258	211
211	258	331	462	764	1360	1751	2263	1751	1360	764	462	331	258	211
211	258	331	462	765	1051	1296	1542	1296	1051	765	462	331	258	211

17
8x20
177
15x80
1200

299	335	380	441	524	645	742	904	742	645	524	441	380	335	299
298	334	380	440	523	644	837	1184	837	644	523	440	380	334	298
298	334	380	440	523	643	837	1196	837	643	523	440	380	334	298
298	334	380	440	523	643	837	1196	837	643	523	440	380	334	298
298	334	380	440	523	643	837	1196	837	643	523	440	380	334	298
298	334	380	440	523	643	837	1196	837	643	523	440	380	334	298
298	334	380	440	523	643	837	1196	837	643	523	440	380	334	298
298	334	380	440	523	643	837	1196	837	643	523	440	380	334	298
227	227	356	440	523	644	837	1196	837	644	523	440	356	227	227

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-65°

250	306	396	441	492	568	698	862	698	568	492	441	396	306	250
250	306	394	553	799	884	986	1180	986	884	799	553	394	306	250
250	305	393	552	927	1243	1432	1676	1432	1243	927	552	393	305	250
250	305	393	552	926	1480	1914	2248	1914	1480	926	552	393	305	250
250	305	393	552	926	1670	2263	2263	2263	1670	926	552	393	305	250
250	305	393	552	926	1824	2263	2263	2263	1824	926	552	393	305	250
250	305	393	552	926	1562	2097	2263	2097	1562	926	552	393	305	250
250	305	393	552	926	1334	1705	2263	1705	1334	926	552	393	305	250
250	306	394	553	861	1021	1258	1478	1258	1021	861	553	394	306	250

17
8x20
177
15x80
1200

353	380	407	441	492	568	698	862	698	568	492	441	407	380	353
353	395	448	518	614	753	974	1180	974	753	614	518	448	395	353
352	394	448	518	613	753	973	1376	973	753	613	518	448	394	352
352	394	448	518	613	752	973	1376	973	752	613	518	448	394	352
352	394	448	518	613	752	973	1376	973	752	613	518	448	394	352
352	394	448	518	613	752	973	1376	973	752	613	518	448	394	352
352	394	448	518	613	752	973	1376	973	752	613	518	448	394	352
319	394	448	518	613	752	973	1376	973	752	613	518	448	394	319
229	282	369	518	613	753	973	1376	973	753	613	518	369	282	229

● F max. = 2263 kN
(500.000 Hub/Stroke/Course)

SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1200-0°

91	110	140	192	303	358	530	834	530	358	303	192	140	110	91	17
91	110	140	192	303	521	696	990	696	521	303	192	140	110	91	
91	110	140	192	303	723	966	1094	966	723	303	192	140	110	91	
91	110	140	192	303	723	1094	1310	1094	723	303	192	140	110	91	
91	110	140	192	303	723	1212	1629	1212	723	303	192	140	110	91	8x20
91	110	140	192	303	723	1357	1810	1357	723	303	192	140	110	91	
91	110	140	192	303	723	1338	1810	1338	723	303	192	140	110	91	
91	110	140	192	303	723	1178	1775	1178	723	303	192	140	110	91	
91	110	140	192	303	723	1053	1477	1053	723	303	192	140	110	91	177

15x80
1200

87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87
87	95	106	120	138	161	194	243	194	161	138	120	106	95	87

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-5°

103	128	168	246	396	485	672	911	672	485	396	246	168	128	103	17
103	128	168	246	472	636	826	1084	826	636	472	246	168	128	103	
103	128	168	246	474	794	1051	1200	1051	794	474	246	168	128	103	
103	128	168	246	474	829	1176	1461	1176	829	474	246	168	128	103	
103	128	168	246	474	869	1310	1720	1310	869	474	246	168	128	103	8x20
103	128	168	246	474	876	1405	1810	1405	876	474	246	168	128	103	
103	128	168	246	474	824	1296	1810	1296	824	474	246	168	128	103	
103	128	168	246	474	782	1141	1653	1141	782	474	246	168	128	103	
103	128	168	246	406	688	979	1409	979	688	406	246	168	128	103	177

15x80
1200

92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92
92	101	113	128	148	174	212	270	212	174	148	128	113	101	92

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-10°

115	146	196	301	488	612	814	987	814	612	488	301	196	146	115	17
115	146	196	301	640	750	957	1178	957	750	640	301	196	146	115	
115	146	196	301	646	865	1135	1306	1135	865	646	301	196	146	115	
115	146	196	301	646	934	1258	1612	1258	934	646	301	196	146	115	
115	146	196	301	646	1015	1409	1810	1409	1015	646	301	196	146	115	8x20
115	146	196	301	646	1030	1454	1810	1454	1030	646	301	196	146	115	
115	146	196	301	646	926	1254	1810	1254	926	646	301	196	146	115	
115	146	196	301	646	841	1104	1531	1104	841	646	301	196	146	115	
115	146	196	301	508	652	905	1342	905	652	508	301	196	146	115	177

15x80
1200

97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97
97	107	120	136	158	186	230	298	230	186	158	136	120	107	97

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-15°

112	141	188	283	472	588	738	866	738	588	472	283	188	141	112	17
112	141	188	283	551	668	874	1101	874	668	551	283	188	141	112	
112	141	188	283	573	832	1079	1280	1079	832	573	283	188	141	112	
112	141	188	283	573	933	1244	1530	1244	933	573	283	188	141	112	
112	141	188	283	573	1022	1408	1810	1408	1022	573	283	188	141	112	8x20
112	141	188	283	573	1079	1526	1810	1526	1079	573	283	188	141	112	
112	141	188	283	573	962	1309	1810	1309	962	573	283	188	141	112	
112	141	188	283	573	863	1132	1571	1132	863	573	283	188	141	112	
112	141	188	283	504	663	904	1356	904	663	504	283	188	141	112	177

15x80
1200

102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102
102	114	128	146	169	202	251	331	251	202	169	146	128	114	102

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1200-20°

110	137	181	266	457	564	662	745	662	564	457	266	181	137	110	17
110	137	181	266	462	586	790	1023	790	586	462	266	181	137	110	
110	137	181	266	501	800	1022	1254	1022	800	501	266	181	137	110	
110	137	181	266	501	932	1230	1448	1230	932	501	266	181	137	110	
110	137	181	266	501	1030	1406	1810	1406	1030	501	266	181	137	110	8x20
110	137	181	266	501	1128	1598	1810	1598	1128	501	266	181	137	110	
110	137	181	266	501	998	1363	1810	1363	998	501	266	181	137	110	
110	137	181	266	501	886	1161	1611	1161	886	501	266	181	137	110	
110	137	181	266	501	674	903	1370	903	674	501	266	181	137	110	177

15x80
1200

108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108
108	120	135	155	181	218	272	364	272	218	181	155	135	120	108

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-25°

110	137	180	262	457	564	642	720	642	564	457	262	180	137	110	17
110	137	180	261	459	645	822	1000	822	645	459	261	180	137	110	
110	137	180	261	478	808	1030	1293	1030	808	478	261	180	137	110	
110	137	180	261	478	956	1262	1484	1262	956	478	261	180	137	110	
110	137	180	261	478	1059	1448	1810	1448	1059	478	261	180	137	110	8x20
110	137	180	261	478	1158	1652	1810	1652	1158	478	261	180	137	110	
110	137	180	261	478	1016	1383	1810	1383	1016	478	261	180	137	110	
110	137	180	261	478	900	1176	1618	1176	900	478	261	180	137	110	
110	137	180	261	478	736	974	1354	974	736	478	261	180	137	110	177

15x80
1200

116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116
116	129	146	168	196	237	299	406	299	237	196	168	146	129	116

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-30°

111	138	179	258	457	563	622	696	622	563	457	258	179	138	111	17
111	138	179	257	455	704	853	976	853	704	455	257	179	138	111	
111	138	179	257	454	816	1038	1332	1038	816	454	257	179	138	111	
111	138	179	257	454	979	1293	1520	1293	979	454	257	179	138	111	
111	138	179	257	454	1088	1489	1810	1489	1088	454	257	179	138	111	8x20
111	138	179	257	454	1189	1706	1810	1706	1189	454	257	179	138	111	
111	138	179	257	454	1033	1403	1810	1403	1033	454	257	179	138	111	
111	138	179	257	454	914	1191	1624	1191	914	454	257	179	138	111	
111	138	179	257	454	797	1046	1339	1046	797	454	257	179	138	111	177

15x80
1200

124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124
124	138	157	180	212	257	326	448	326	257	212	180	157	138	124

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-35°

115	142	184	263	457	562	622	698	622	562	457	263	184	142	115	17
115	142	184	262	456	733	854	977	854	733	456	262	184	142	115	
115	142	184	262	455	863	1122	1355	1122	863	455	262	184	142	115	
115	142	184	262	455	1023	1346	1578	1346	1023	455	262	184	142	115	
115	142	184	262	455	1138	1554	1810	1554	1138	455	262	184	142	115	8x20
115	142	184	262	455	1254	1758	1810	1758	1254	455	262	184	142	115	
115	142	184	262	455	1086	1474	1810	1474	1086	455	262	184	142	115	
115	142	184	262	455	960	1250	1702	1250	960	455	262	184	142	115	
115	142	184	262	455	836	1071	1354	1071	836	455	262	184	142	115	177

15x80
1200

135	151	172	197	233	284	363	503	363	284	233	197	172	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135
135	151	171	197	233	284	363	503	363	284	233	197	171	151	135

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

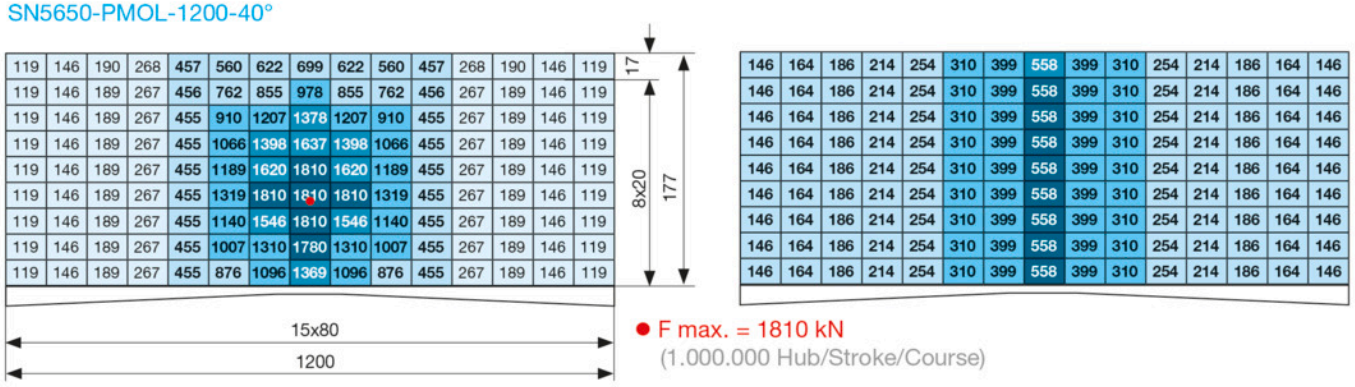
SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

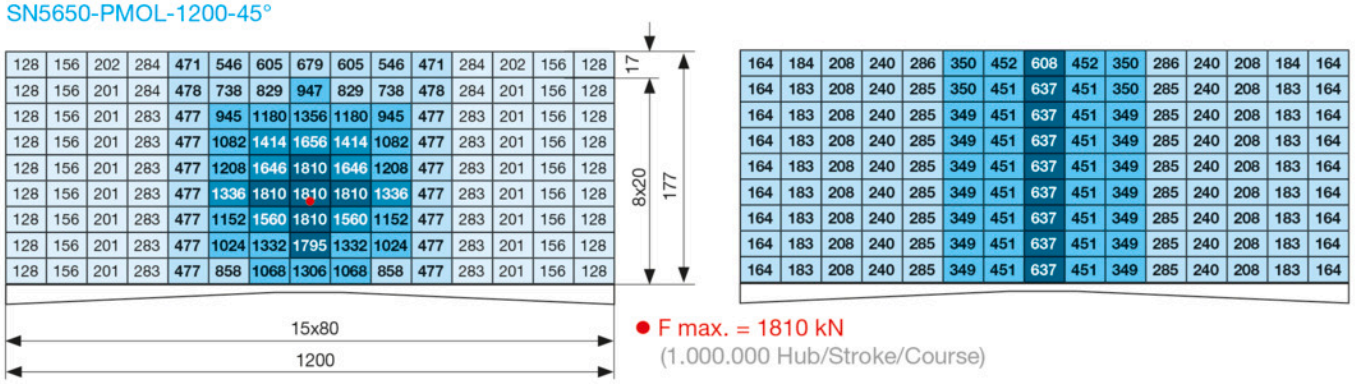
Passfeder
Fitting Key

SN5650-PMOL-1200-40°



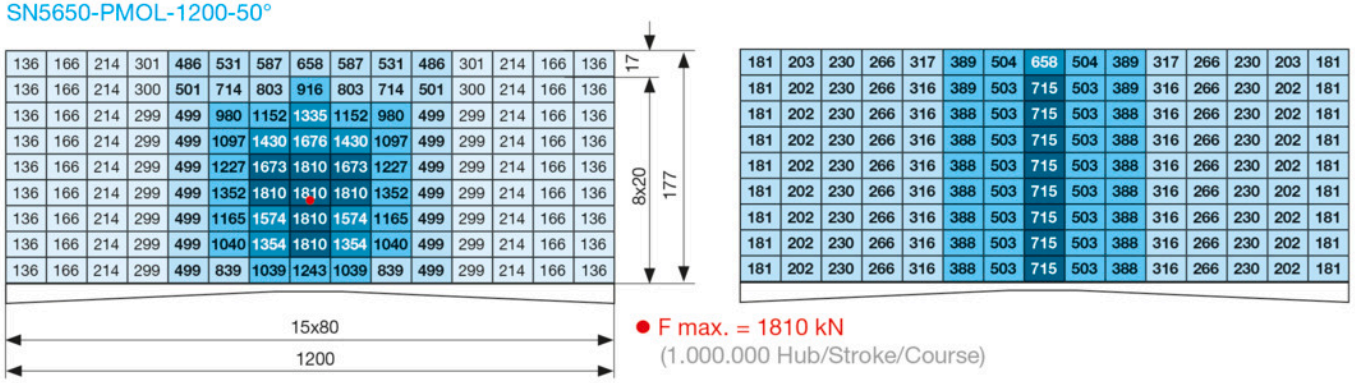
● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-45°



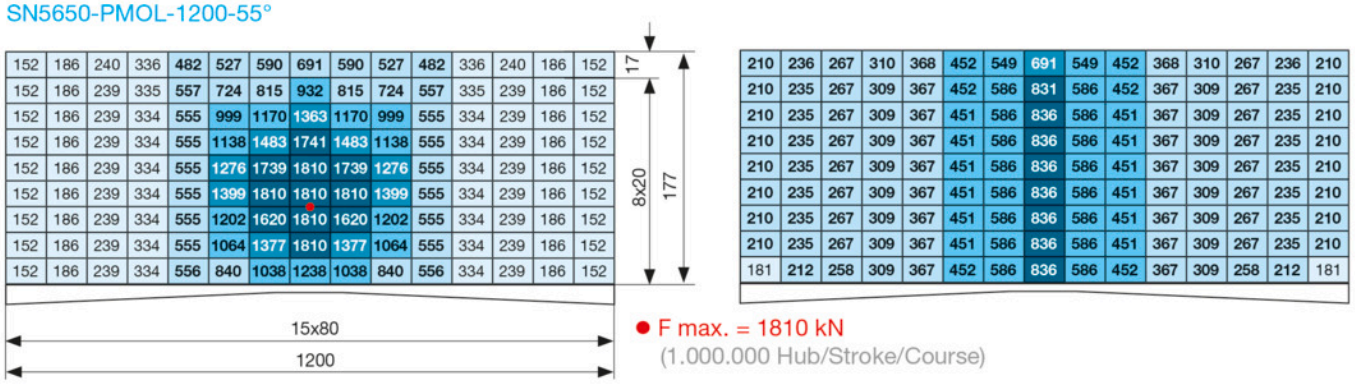
● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-50°



● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-55°



● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

D 1801D 06.2022

SN5650-PMOL-1200-

Schieberkräfte
Cam Force

Abschulterung
Shouldering

Passfeder
Fitting Key

SN5650-PMOL-1200-60°

169	206	266	371	478	522	594	723	594	522	478	371	266	206	169	17
169	206	265	370	613	735	826	947	826	735	613	370	265	206	169	
169	206	265	370	611	1018	1189	1391	1189	1018	611	370	265	206	169	
169	206	265	370	611	1179	1536	1806	1536	1179	611	370	265	206	169	
169	206	265	370	611	1325	1805	1810	1805	1325	611	370	265	206	169	8x20
169	206	265	370	611	1446	1810	1810	1810	1446	611	370	265	206	169	177
169	206	265	370	611	1240	1666	1810	1666	1240	611	370	265	206	169	
169	206	265	370	611	1088	1401	1810	1401	1088	611	370	265	206	169	
169	206	265	370	612	841	1037	1234	1037	841	612	370	265	206	169	

15x80
1200

239	268	304	353	419	516	594	723	594	516	419	353	304	268	239
238	267	304	352	418	515	670	947	670	515	418	352	304	267	238
238	267	304	352	418	514	670	957	670	514	418	352	304	267	238
238	267	304	352	418	514	670	957	670	514	418	352	304	267	238
238	267	304	352	418	514	670	957	670	514	418	352	304	267	238
238	267	304	352	418	514	670	957	670	514	418	352	304	267	238
238	267	304	352	418	514	670	957	670	514	418	352	304	267	238
238	267	304	352	418	514	670	957	670	514	418	352	304	267	238
182	222	285	352	418	515	670	957	670	515	418	352	285	222	182

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

SN5650-PMOL-1200-65°

200	245	317	353	394	454	558	690	558	454	394	353	317	245	200	17
200	245	315	442	639	707	789	944	789	707	639	442	315	245	200	
200	244	314	442	742	994	1146	1341	1146	994	742	442	314	244	200	
200	244	314	442	741	1184	1531	1798	1531	1184	741	442	314	244	200	
200	244	314	442	741	1336	1810	1810	1810	1336	741	442	314	244	200	8x20
200	244	314	442	741	1459	1810	1810	1810	1459	741	442	314	244	200	177
200	244	314	442	741	1250	1678	1810	1678	1250	741	442	314	244	200	
200	244	314	442	741	1067	1364	1810	1364	1067	741	442	314	244	200	
200	245	315	442	689	817	1006	1182	1006	817	689	442	315	245	200	

15x80
1200

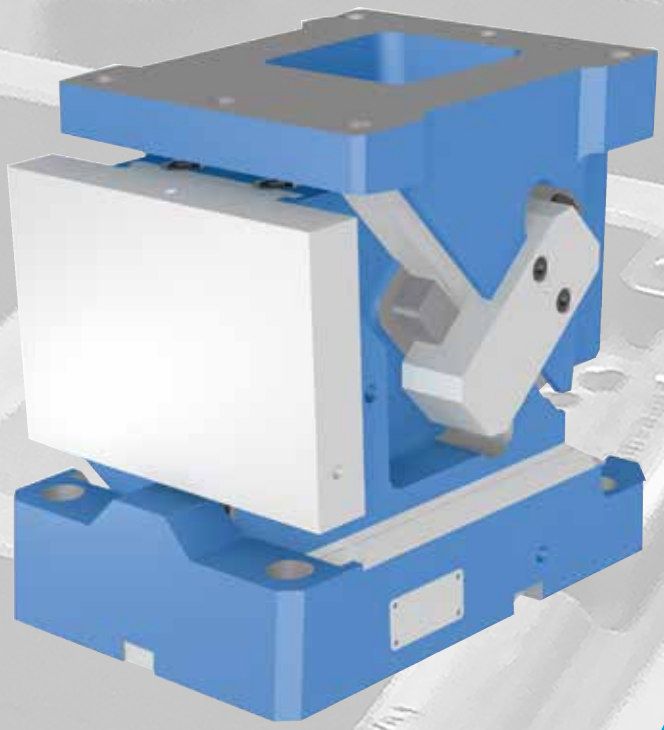
282	304	326	353	394	454	558	690	558	454	394	353	326	304	282
282	316	358	414	491	602	779	944	779	602	491	414	358	316	282
282	315	358	414	490	602	778	1101	778	602	490	414	358	315	282
282	315	358	414	490	602	778	1101	778	602	490	414	358	315	282
282	315	358	414	490	602	778	1101	778	602	490	414	358	315	282
282	315	358	414	490	602	778	1101	778	602	490	414	358	315	282
282	315	358	414	490	602	778	1101	778	602	490	414	358	315	282
255	315	358	414	490	602	778	1101	778	602	490	414	358	315	255
183	226	295	414	490	602	778	1101	778	602	490	414	295	226	183

● F max. = 1810 kN
(1.000.000 Hub/Stroke/Course)

UNTEN STEHENDE SCHIEBER

DIE MOUNT CAM UNITS

COULISSEAUX MONTE EN BAS



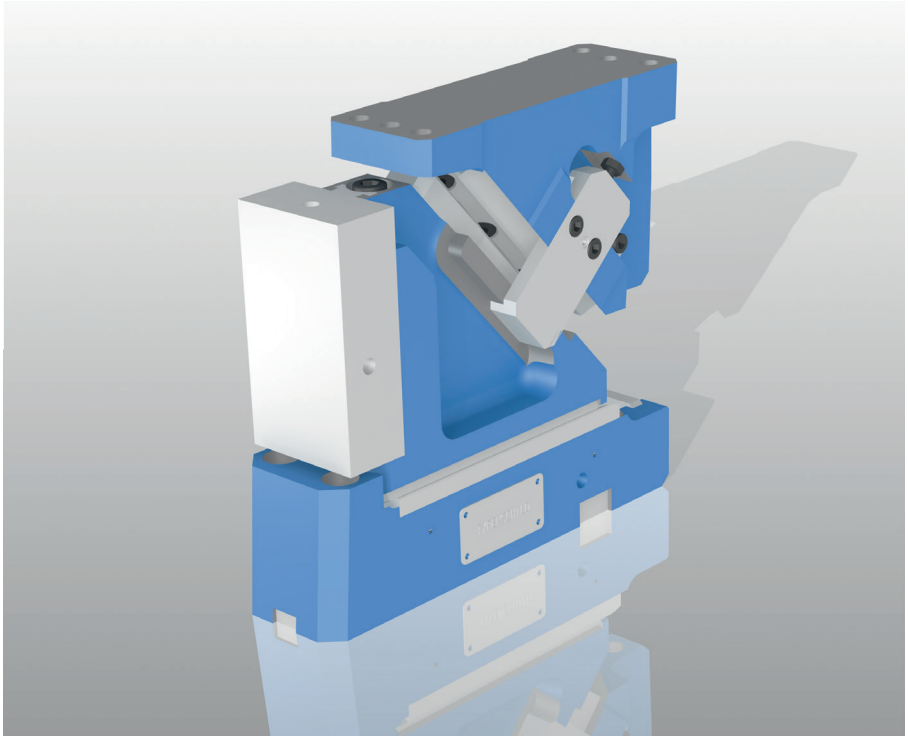
PowerMax®

STRACK®

NORMALIEN

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0065



Mat.: EN-GJS-600-3 (GGG 60)

Arbeitsfläche:	Working Area:	Plan de travail:
65 mm x 120 mm	65 mm x 120 mm	65 mm x 120 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
65 mm	65 mm	65 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
225 mm	225 mm	225 mm
Presskraft:	Press force:	Force de pressage:
100 kN	100 kN	100 kN

PMU-0065

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

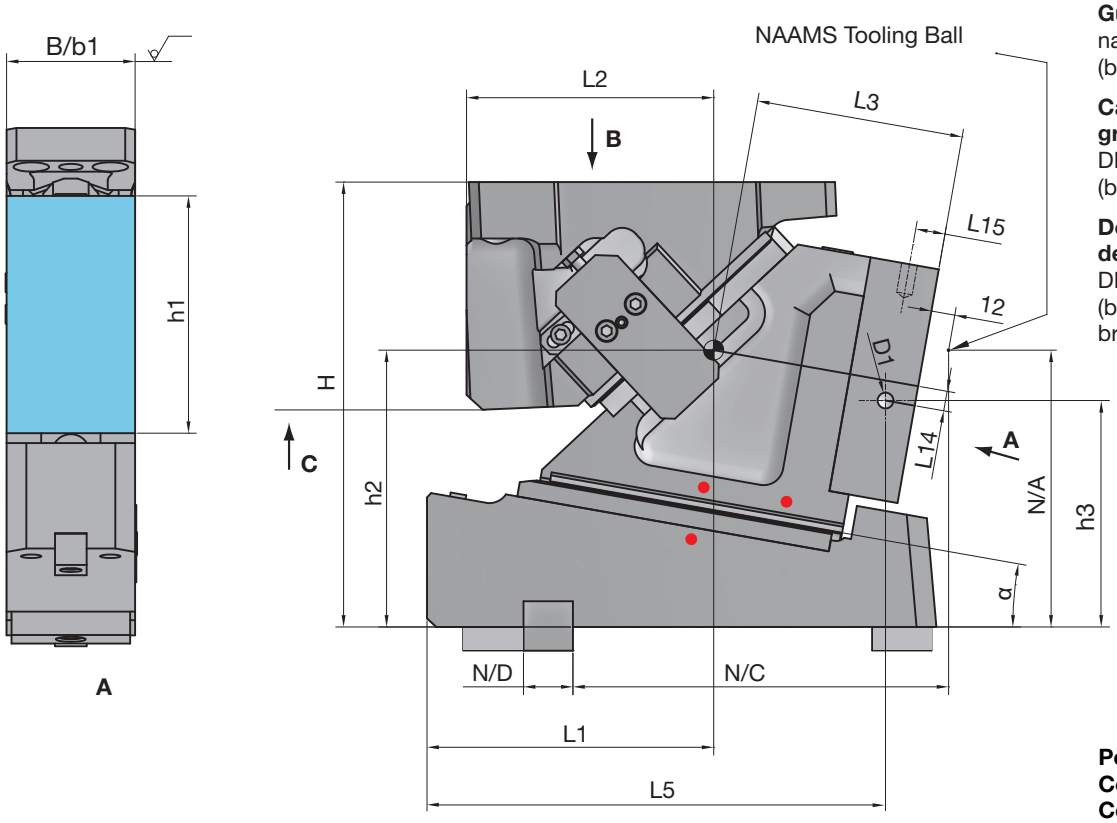
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M10 - 35 4x - M10 - 40	**Anzahl / Quantity / Nombre - d - l** 4x - M10 - 25 4x - M10 - 30
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅10 - 30	**Anzahl / Quantity / Nombre - d - l** 2x - ∅10 - 30
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 60 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 60 x 25 x 25

D 1801C 01.2019

Unten stehender Normschieber SN5650-PMU-0065

Die mount cam unit SN5650-PMU-0065

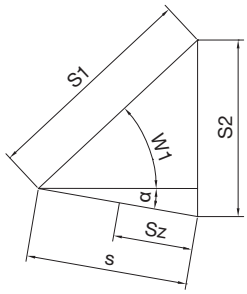
Coulisseau monté en bas SN5650-PMU-0065

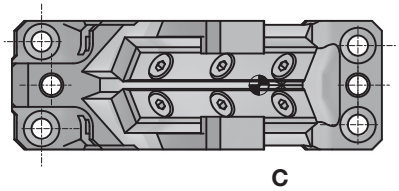


Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)




C


B

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 107	> 184	> 184	1	21	-

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0065

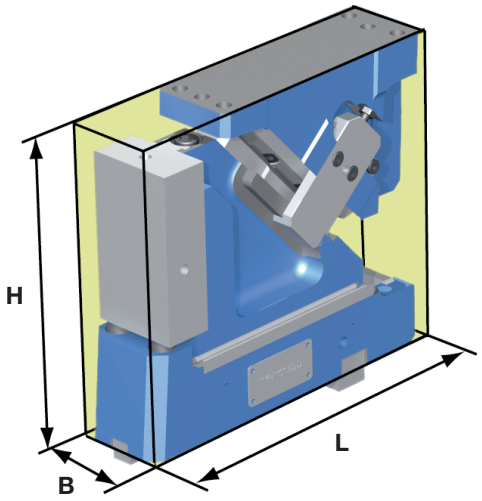
SN5650-PMU-0065-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage

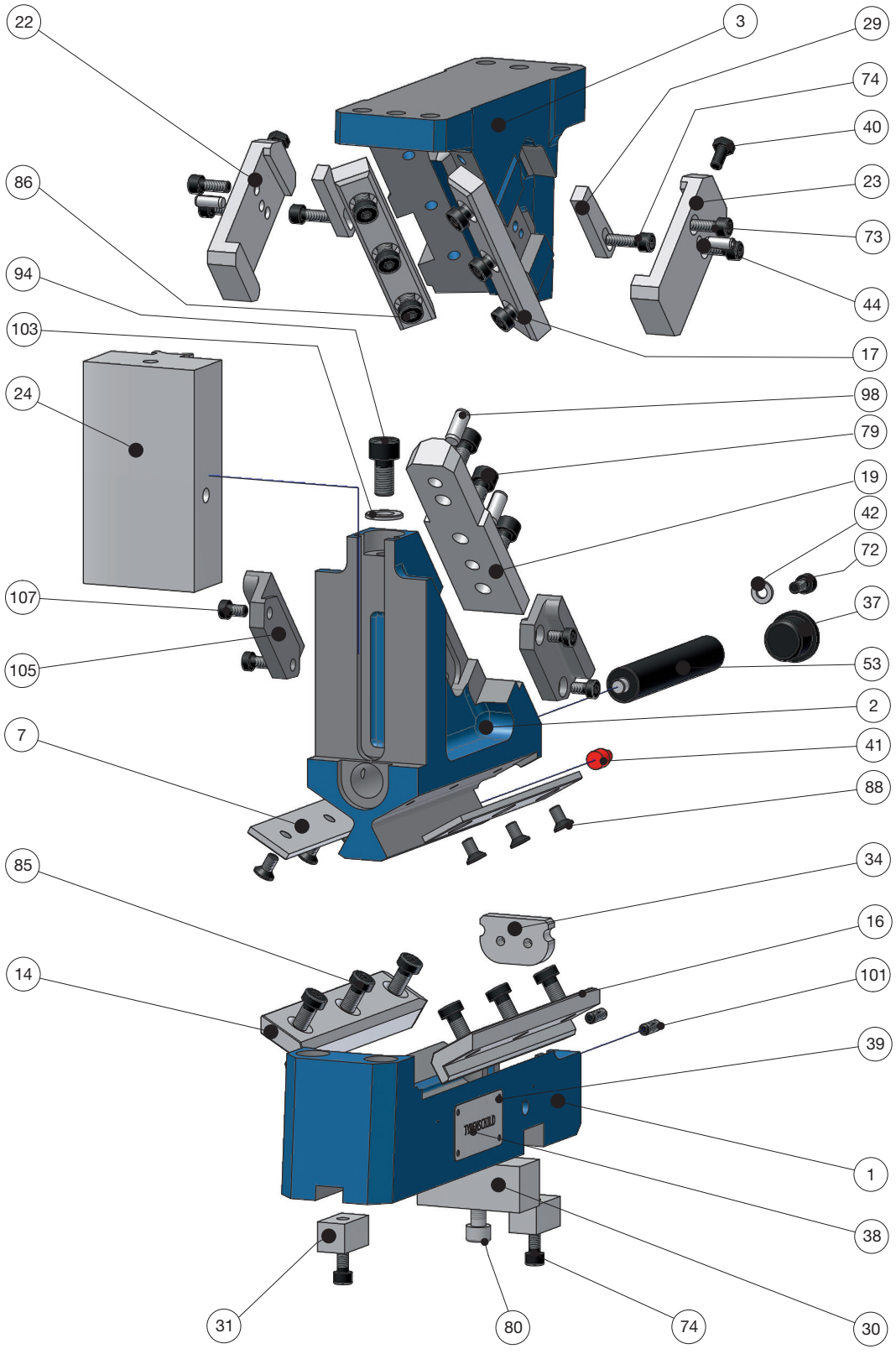


Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	248	245	259	267	279	286
B	65	65	65	65	65	65
H	225	225	225	225	225	225
W1	48°	43°	43°	38°	38°	33°
s	58	58	58	58	58	58
S1	86,7	79	78,1	71,1	69,2	62,7
S2	64,4	58,9	63,3	58,8	62,4	58,6
Sz	56	56	56	56	56	56
H	225	225	225	225	225	225
B	65	65	65	65	65	65
b1	65	65	65	65	65	65
h1	120	120	120	120	120	120
h2	140	140	140	140	145	145
h3	130,00	122,19	114,52	107,05	104,82	97,90
L1	125	135	145	150	160	165
L2	125	120	125	120	135	130
L3	105	105	105	105	105	105
L5	215,00	223,79	231,90	234,35	241,15	242,34
N/A	160	150	140	135	130	130
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0065

Stückliste | List of items | Liste des pièces

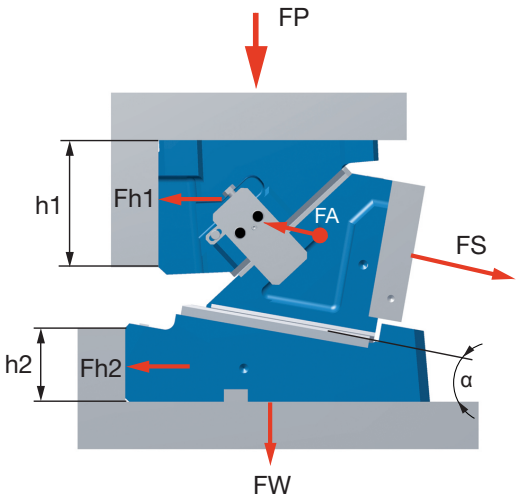
Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMO-SB
44	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
53	Gasdruckfeder / Gas spring / Ressort à gaz	SN2800 ...
72-94	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
98	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
101	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
103	Scheibe / Disc / Disque	SN5650-PMU-SB ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...
107	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3540 ...

D 1801C 01.2019

Kraftverteilung | Force Distribution | Distribution de force

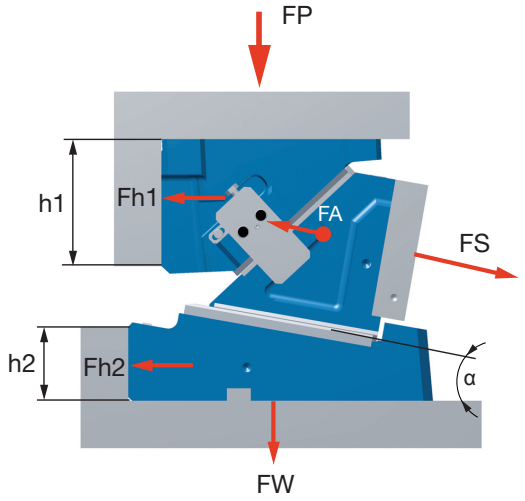
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	107	97	108	97	-1	110	40	1
05°	111	102	103	92	10	108	53	1
10°	115	106	99	86	21	105	65	1
15°	119	110	94	79	37	98	80	1
20°	122	114	89	72	53	90	95	1
25°	122	122	79	70	79	85	110	1



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	184	166	185	166	-1	110	40	21
05°	191	174	177	157	18	108	53	21
10°	198	182	170	148	36	105	65	20
15°	204	189	161	136	64	98	80	20
20°	210	196	153	124	91	90	95	19
25°	210	209	135	120	136	85	110	17



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

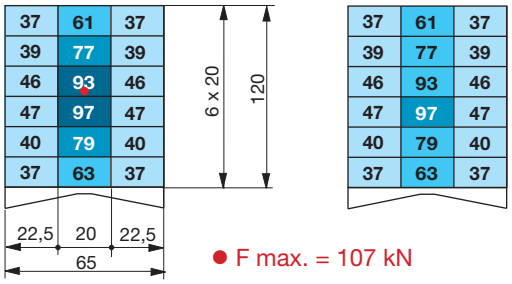
SN5650-PMU-0065 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung
Shouldering
Épauler

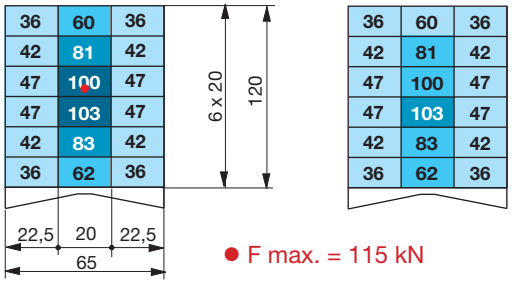
Passfeder
Fitting Key
Clavette

SN5650-PMU-0065-0°-B-N/Z



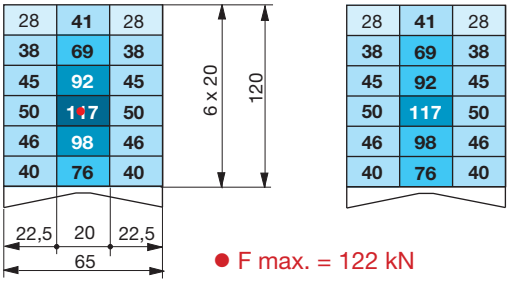
● F max. = 107 kN

SN5650-PMU-0065-10°-B-N/Z



● F max. = 115 kN

SN5650-PMU-0065-20°-B-N/Z



● F max. = 122 kN

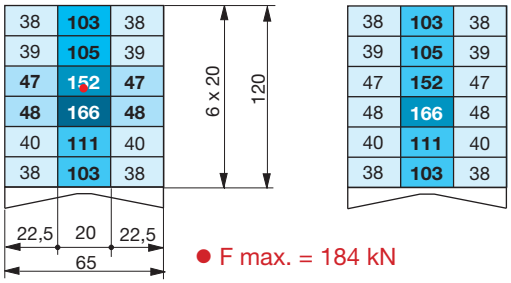
SN5650-PMU-0065 / Medium / Premium

Schieberkräfte	Cam Force	Force du coulisseau

Abschulterung
Shouldering
Épauler

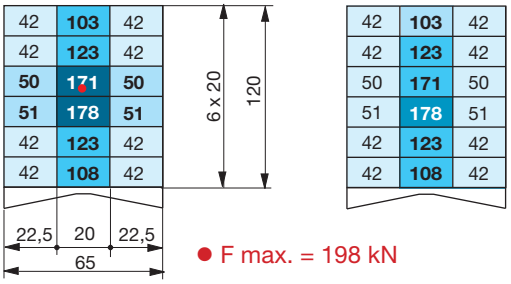
Passfeder
Fitting Key
Clavette

SN5650-PMU-0065-0°-M/P-N/Z



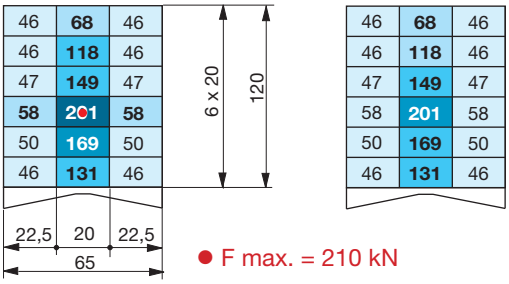
● F max. = 184 kN

SN5650-PMU-0065-10°-M/P-N/Z



● F max. = 198 kN

SN5650-PMU-0065-20°-M/P-N/Z

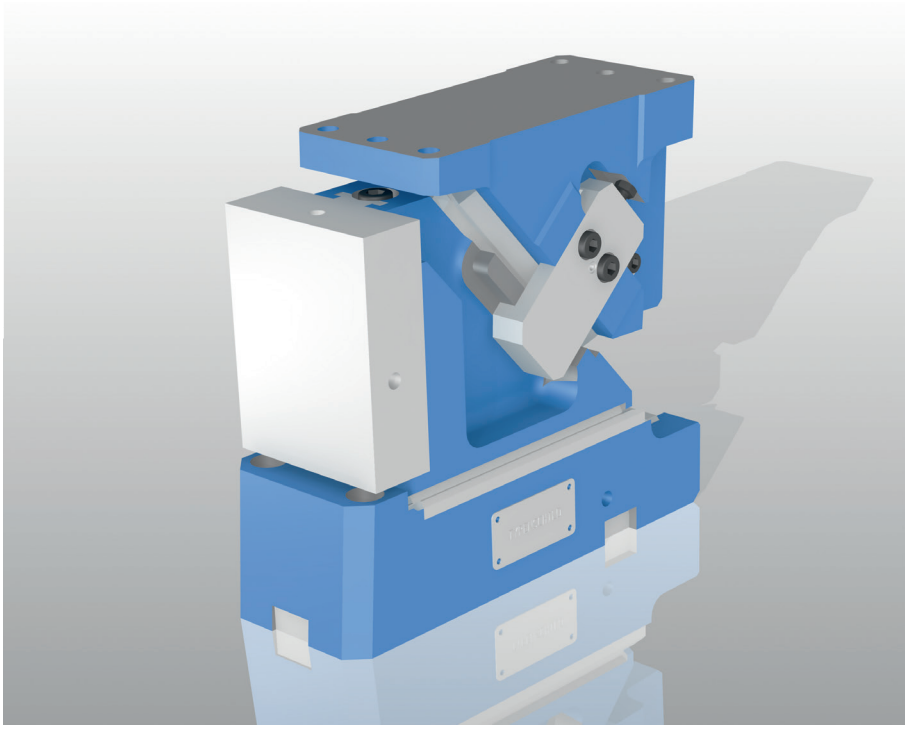


● F max. = 210 kN

D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0090



Mat.: EN-GJS-600-3 (GGG60)

Arbeitsfläche:	Working Area:	Plan de travail:
90 mm x 120 mm	90 mm x 120 mm	90 mm x 120 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
90 mm	90 mm	90 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
225 mm	225 mm	225 mm
Presskraft:	Press force:	Force de pressage:
160 kN	160 kN	160 kN

PMU-0090

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

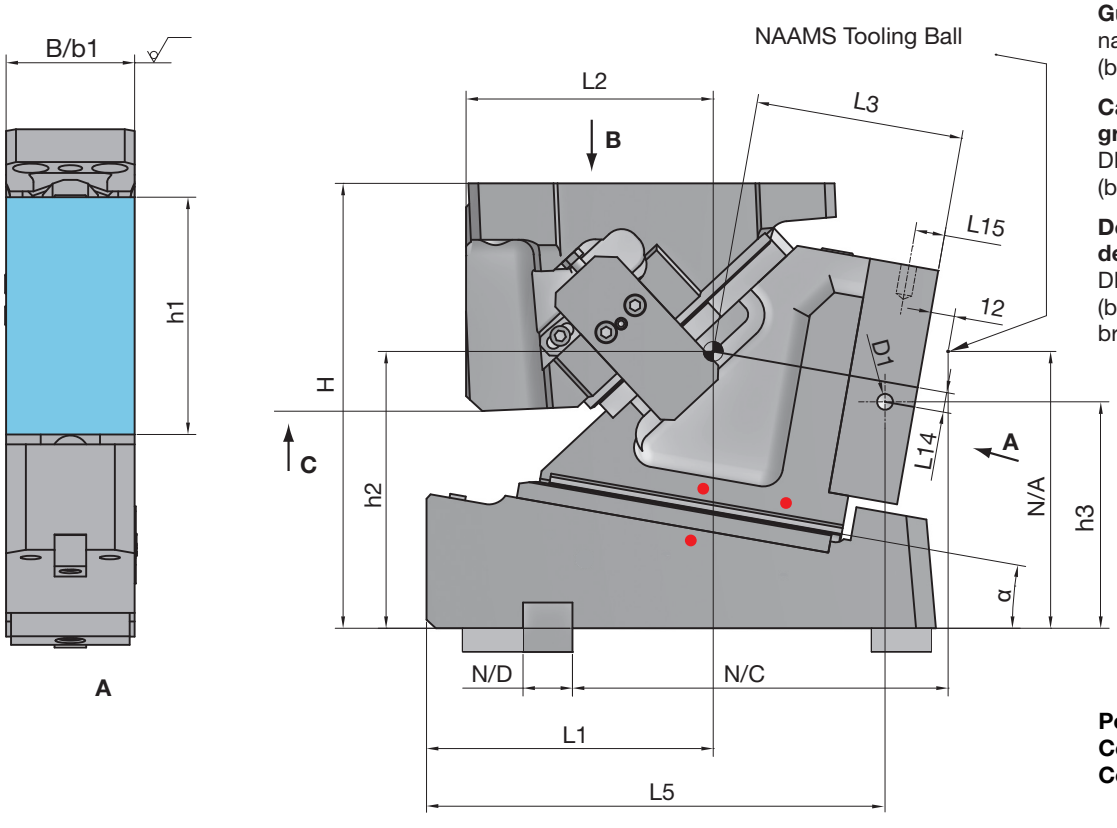
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M10 - 35 4x - M10 - 40	**Anzahl / Quantity / Nombre - d - l** 4x - M10 - 25 4x - M10 - 30
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅10 - 30	**Anzahl / Quantity / Nombre - d - l** 2x - ∅10 - 30
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 60 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 60 x 25 x 25

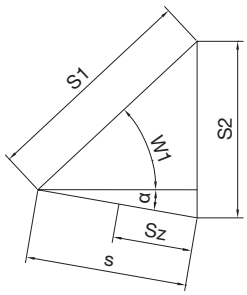
D 1801C 01.2019

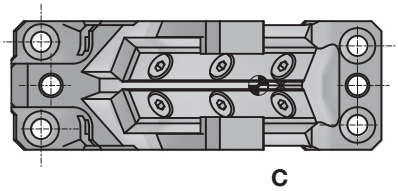
Unten stehender Normschieber SN5650-PMU-0090

Die mount cam unit SN5650-PMU-0090

Coulisseau monté en bas SN5650-PMU-0090






C


B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 107	> 184	> 184	1	21	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0090

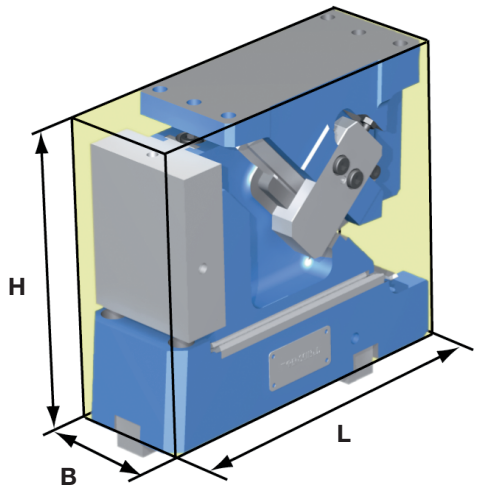
SN5650-PMU-0090-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage

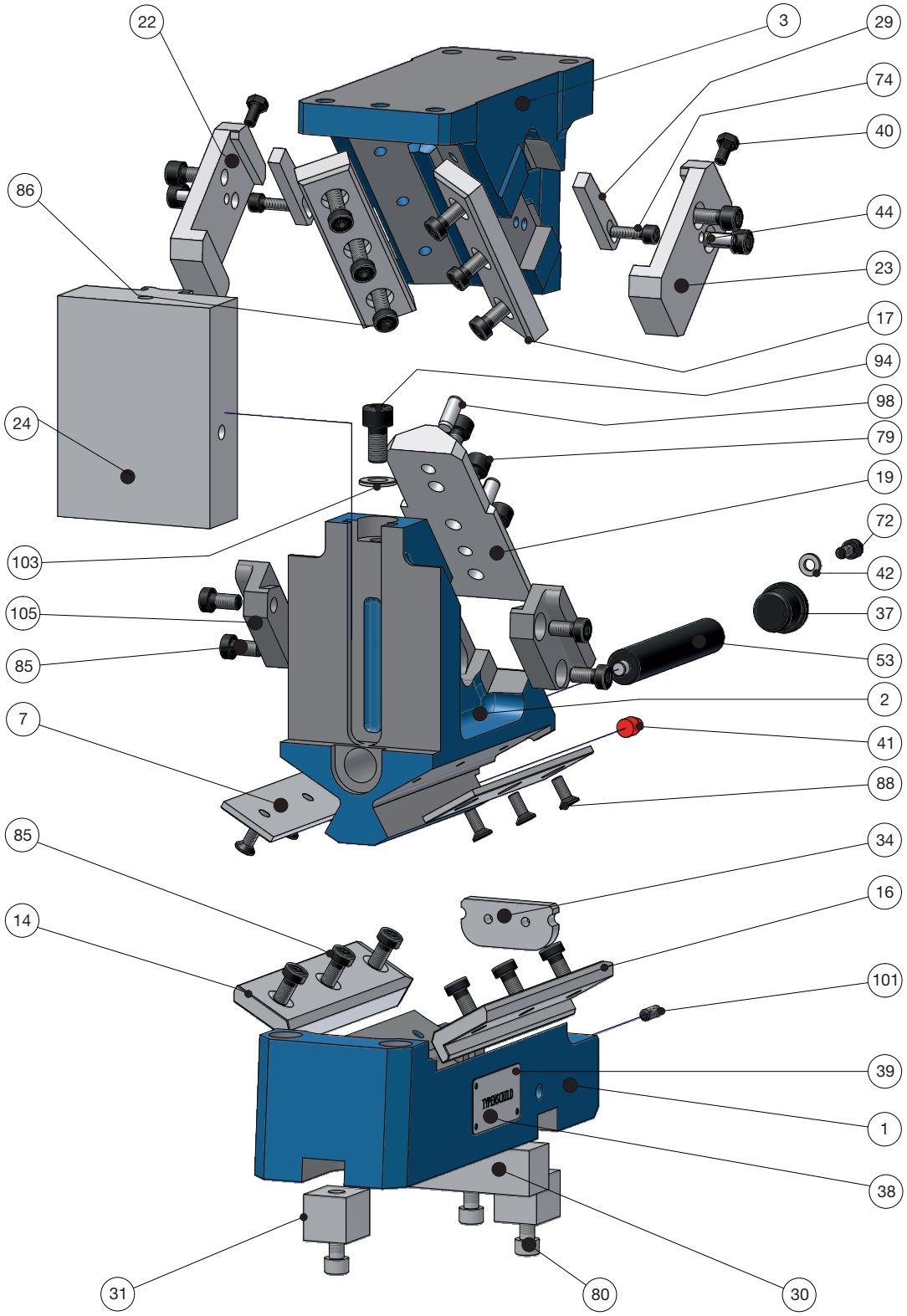


Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	252	245	259	267	279	286
B	90	90	90	90	90	90
H	225	225	225	225	225	225
W1	48°	43°	43°	38°	38°	33°
s	58	58	58	58	58	58
S1	86,7	79	78,1	71,1	69,2	62,7
S2	64,4	58,9	63,3	58,8	62,4	58,6
Sz	56	56	53	53	53	53
H	225	225	225	225	225	225
B	90	90	90	90	90	90
b1	90	90	90	90	90	90
h1	120	120	120	120	120	120
h2	140	140	140	140	145	145
h3	130,00	122,19	114,52	107,05	104,82	97,90
L1	130	135	145	150	160	165
L2	130	125	130	125	140	135
L3	105	105	105	105	105	105
L5	220,00	223,79	231,90	234,35	241,15	242,34
N/A	160	150	140	135	130	130
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0090

Stückliste | List of items | Liste des pièces

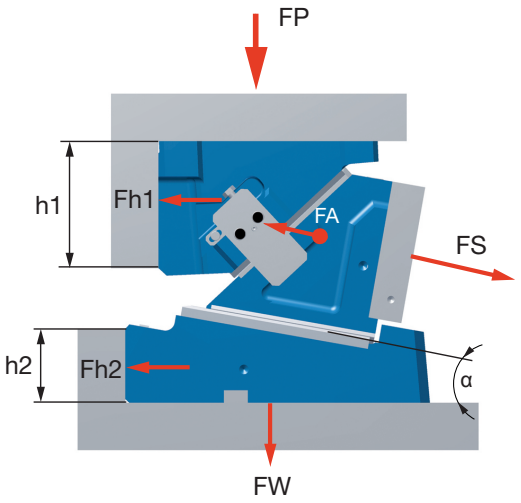
Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMO-SB
44	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
53	Gasdruckfeder / Gas spring / Ressort à gaz	SN2800 ...
72-94	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
98	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
101	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
103	Scheibe / Disc / Disque	SN5650-PMU-SB ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

D 1801C 01.2019

Kraftverteilung | Force Distribution | Distribution de force

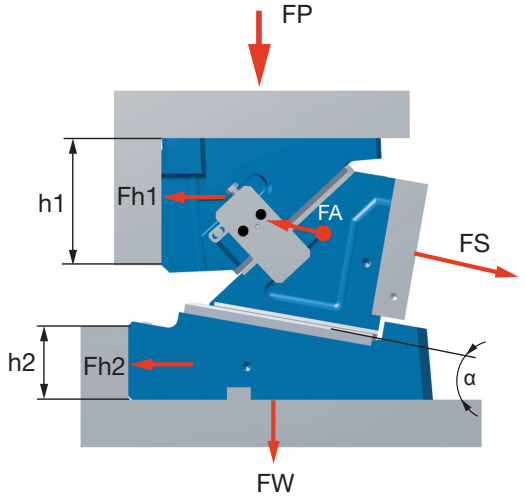
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	107	97	108	97	-1	110	42	1
05°	111	102	103	92	10	108	42	1
10°	115	106	99	86	21	105	42	1
15°	119	110	94	79	37	98	42	1
20°	122	114	89	72	53	90	42	1
25°	122	122	79	70	79	85	42	1



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	184	166	185	166	-1	110	42	21
05°	191	174	177	157	18	108	42	21
10°	198	182	170	148	36	105	42	21
15°	204	189	161	136	64	98	42	20
20°	210	196	153	124	91	90	42	18
25°	210	209	135	120	136	85	42	18



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

SN5650-PMU-0090 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

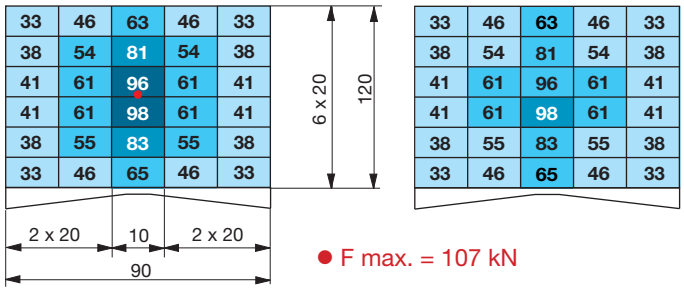
Abschulterung
Shouldering
Épauler

Passfeder
Fitting Key
Clavette

Abschulterung
Shouldering
Épauler

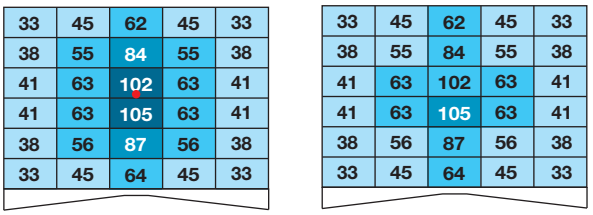
Passfeder
Fitting Key
Clavette

SN5650-PMU-0090-0°-B-N/Z



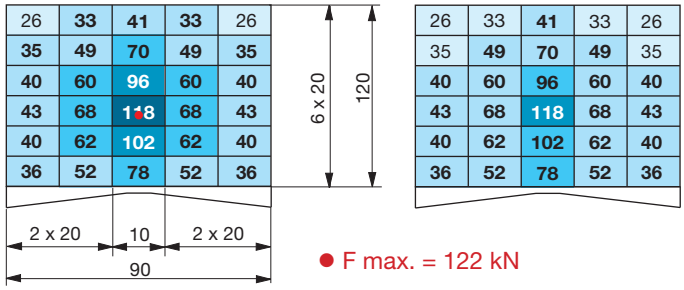
● F max. = 107 kN

SN5650-PMU-0090-10°-B-N/Z



● F max. = 115 kN

SN5650-PMU-0090-20°-B-N/Z



● F max. = 122 kN

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SN5650-PMU-0090 / Medium / Premium

Schieberkräfte	Cam Force	Force du coulisseau

Abschulterung
Shouldering
Épauler

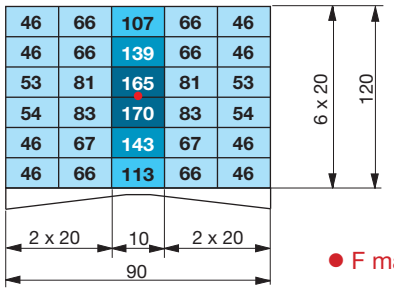
Passfeder
Fitting Key
Clavette

Abschulterung
Shouldering
Épauler

Passfeder
Fitting Key
Clavette

SN5650-PMU-0090-0°-M/P-N/Z

46	**66**	**107**	**66**	**46**
46	**66**	**139**	**66**	**46**
53	**81**	**165**	**81**	**53**
54	**83**	**170**	**83**	**54**
46	**67**	**143**	**67**	**46**
46	**66**	**113**	**66**	**46**



46	**66**	**107**	**66**	46
46	**66**	**139**	**66**	46
53	**81**	**165**	**81**	**53**
54	**83**	**170**	**83**	**54**
46	**67**	**143**	**67**	46
46	**66**	**113**	**66**	46

● F max. = 184 kN

SN5650-PMU-0090-10°-M/P-N/Z

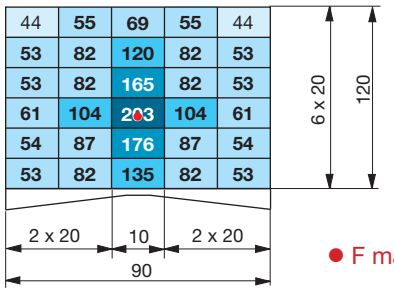
49	**74**	**105**	**74**	**49**
49	**74**	**145**	**74**	**49**
56	**88**	**176**	**88**	**56**
56	**90**	**181**	**90**	**56**
49	**74**	**150**	**74**	**49**
49	**74**	**110**	**74**	**49**

49	**74**	**105**	**74**	49
49	**74**	**145**	**74**	49
56	**88**	**176**	**88**	**56**
56	**90**	**181**	**90**	**56**
49	**74**	**150**	**74**	49
49	**74**	**110**	**74**	49

● F max. = 198 kN

SN5650-PMU-0090-20°-M/P-N/Z

44	**55**	**69**	**55**	44
53	**82**	**120**	**82**	**53**
53	**82**	**165**	**82**	**53**
61	**104**	**203**	**104**	**61**
54	**87**	**176**	**87**	**54**
53	**82**	**135**	**82**	**53**



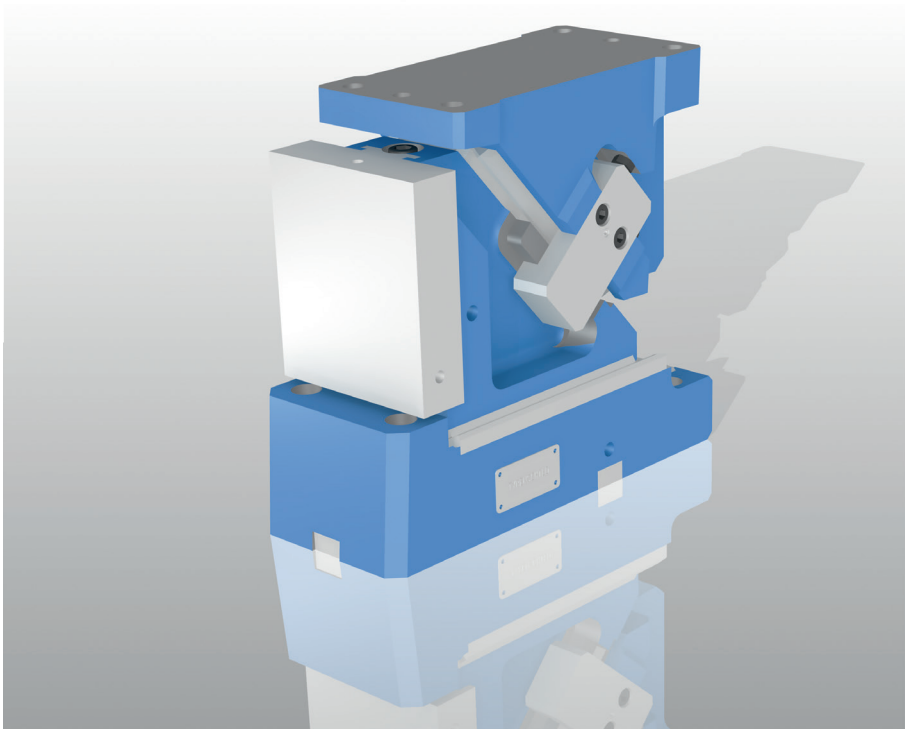
44	55	**69**	55	44
53	**82**	**120**	**82**	53
53	**82**	**165**	**82**	53
61	**104**	**203**	**104**	**61**
54	**87**	**176**	**87**	54
53	**82**	**135**	**82**	53

● F max. = 210 kN

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Unten stehende Schieber	Die mount cam unit	Coulisseau monté e bas

SN5650-PMU-0125



Mat.: EN-GJS-600-3 (GGG60)

Arbeitsfläche:	Working Area:	Plan de travail:
125 mm x 145 mm	125 mm x 145 mm	125 mm x 145 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
125 mm	125 mm	125 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
275 mm	275 mm	275 mm
Presskraft:	Press force:	Force de pressage:
270 kN	270 kN	270 kN

PMU-0125

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

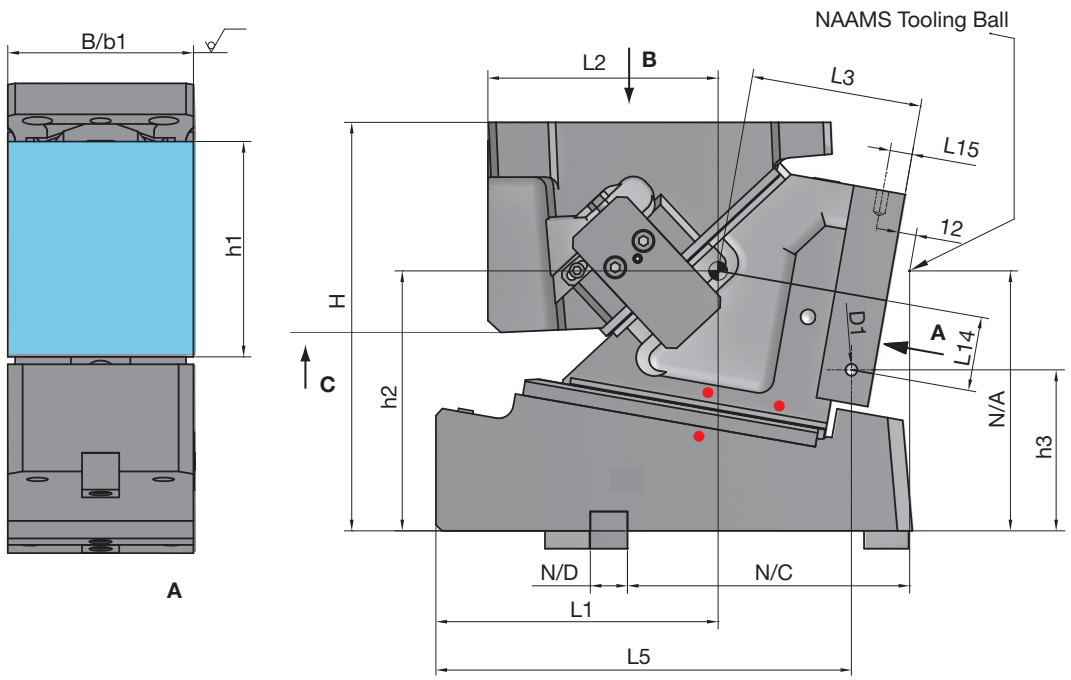
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M12 - 45 4x - M12 - 50	**Anzahl / Quantity / Nombre - d - l** 4x - M12 - 35 4x - M12 - 40
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅12 - 40	**Anzahl / Quantity / Nombre - d - l** 2x - ∅12 - 40
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 125 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 125 x 25 x 25

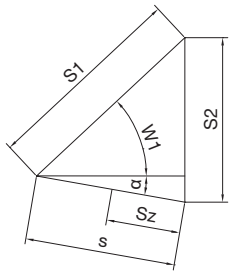
D 1801C 01.2019

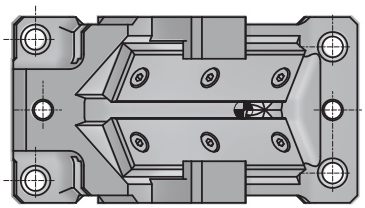
Unten stehender Normschieber SN5650-PMU-0125

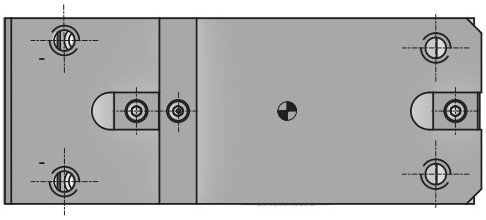
Die mount cam unit SN5650-PMU-0125

Coulisseau monté en bas SN5650-PMU-0125






C


B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

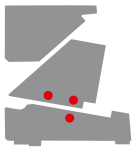
Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 277	> 464	> 464	2	26	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0125

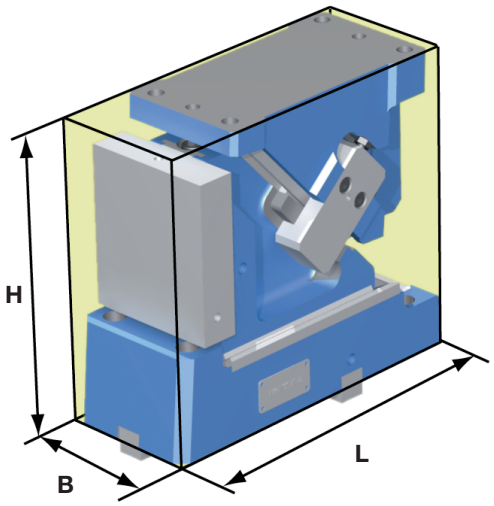
SN5650-PMU-0125-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage

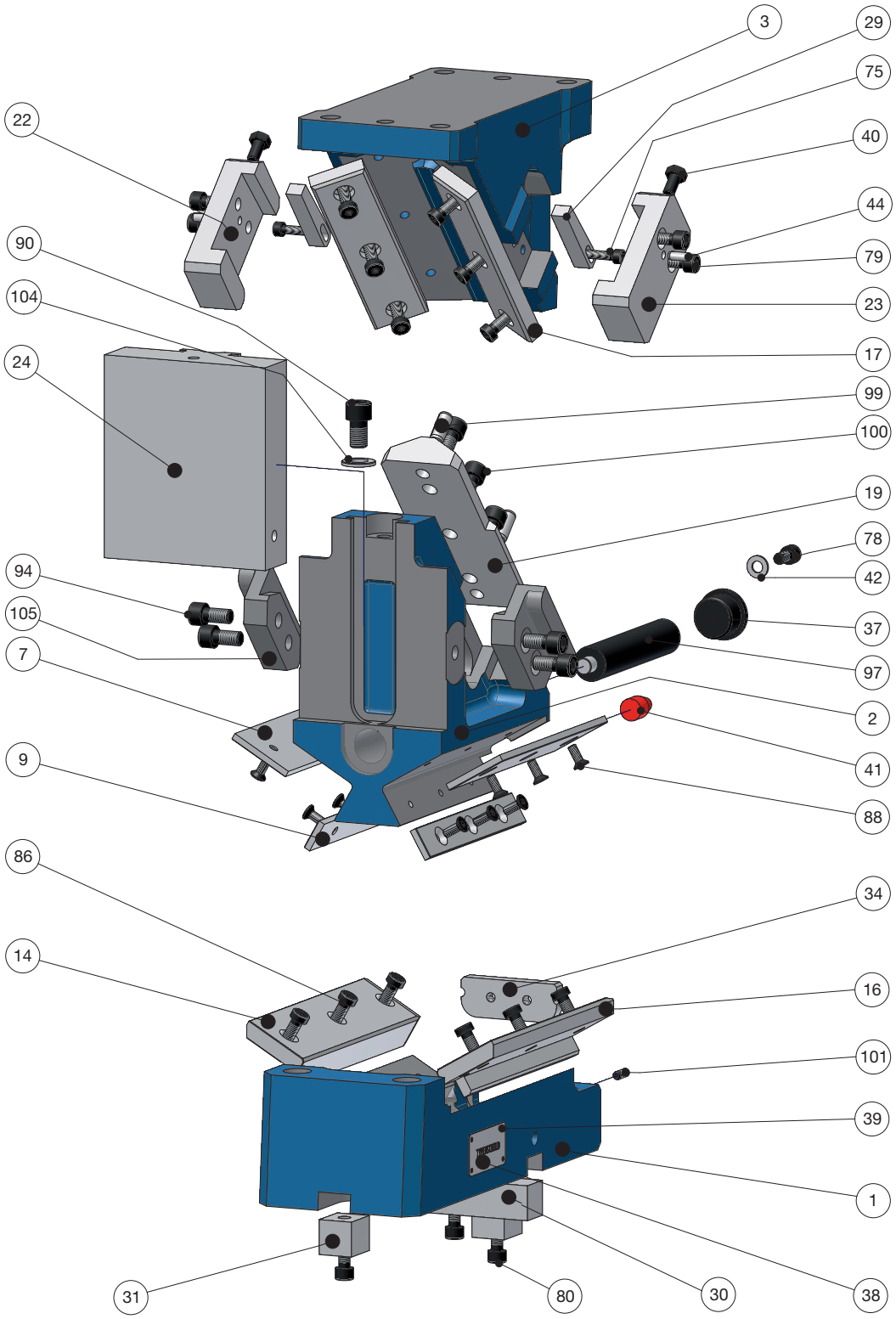


Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	310	305	321	325	338	345
B	125	125	125	125	125	125
H	275	275	275	275	275	275
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,6	95,3	94,3	85,8	83,7	75,6
S2	77,7	71,1	76,4	70,9	75,3	70,8
Sz	57	57	57	57	57	57
H	275	275	275	275	275	275
B	125	125	125	125	125	125
b1	125	125	125	125	125	125
h1	145	145	145	145	145	145
h2	170	170	175	175	180	180
h3	120,00	111,47	108,39	100,82	98,81	92,42
L1	165	175	190	195	205	210
L2	155	150	155	150	165	160
L3	115	115	115	115	115	115
L5	265,00	270,26	279,80	278,65	281,87	279,50
N/A	200	190	175	165	155	155
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0125

Stückliste | List of items | Liste des pièces

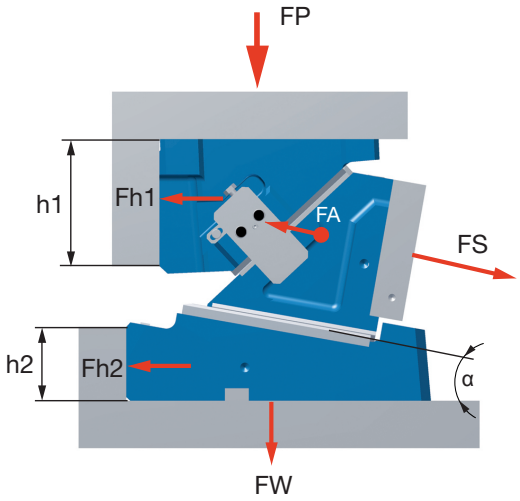
Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
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2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
44	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
56	Gasdruckfeder / Gas spring / Ressort à gaz	SN2800 ...
75-94	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
97	Gasdruckfeder / Gas spring / Ressort à gaz	SN2800 ...
99	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
100	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3450
101	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
104	Scheibe / Disc / Disque	SN5650-PMU-SB
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

D 1801C 01.2019

Kraftverteilung | Force Distribution | Distribution de force

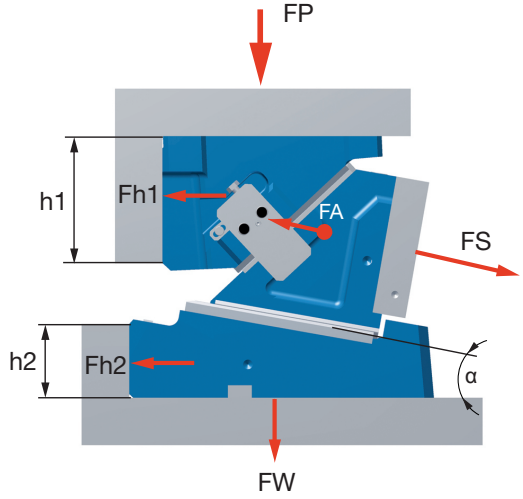
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	277	251	279	251	-2	145	40	2
05°	288	263	268	237	26	138	58	2
10°	298	275	256	223	54	130	75	2
15°	307	285	244	205	95	123	95	2
20°	316	295	231	187	137	115	115	2
25°	316	314	204	181	204	110	130	2



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	464	420	466	420	-2	145	40	26
05°	488	445	452	401	46	138	58	27
10°	512	471	439	382	94	130	75	28
15°	528	489	418	352	165	123	95	27
20°	544	507	396	321	237	115	115	25
25°	544	540	351	310	353	110	130	25



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

D 1801C 01.2019

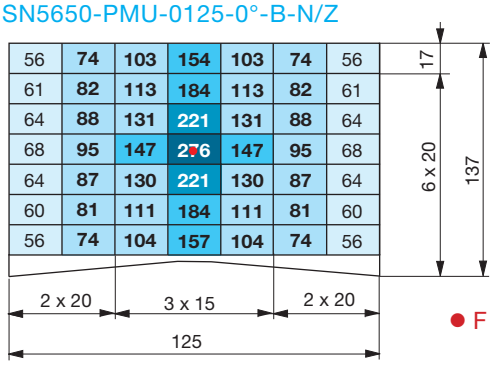
SN5650-PMU-00125 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

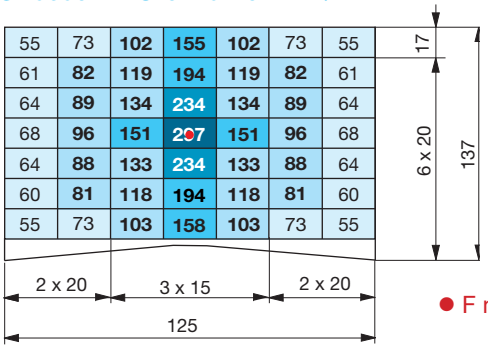
SN5650-PMU-0125-0°-B-N/Z



● F max. = 277 kN

56	74	**103**	**154**	**103**	74	56
61	82	**113**	**184**	**113**	82	61
64	**88**	**131**	**221**	**131**	**88**	64
68	**95**	**147**	**276**	**147**	**95**	68
64	**87**	**130**	**221**	**130**	**87**	64
60	81	**111**	**184**	**111**	81	60
56	74	**104**	**157**	**104**	74	56

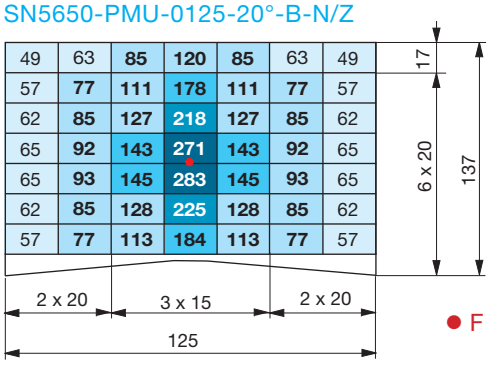
SN5650-PMU-0125-10°-B-N/Z



● F max. = 298 kN

55	73	**102**	**155**	**102**	73	55
61	82	**119**	**194**	**119**	82	61
64	89	**134**	**234**	**134**	89	64
68	**96**	**151**	**297**	**151**	**96**	68
64	88	**133**	**234**	**133**	88	64
60	81	**118**	**194**	**118**	81	60
55	73	**103**	**158**	**103**	73	55

SN5650-PMU-0125-20°-B-N/Z



● F max. = 316 kN

49	63	**85**	**120**	**85**	63	49
57	77	**111**	**178**	**111**	77	57
62	**85**	**127**	**218**	**127**	**85**	62
65	**92**	**143**	**271**	**143**	**92**	65
65	**93**	**145**	**283**	**145**	**93**	65
62	**85**	**128**	**225**	**128**	**85**	62
57	77	**113**	**184**	**113**	77	57

D 1801C 01.2019

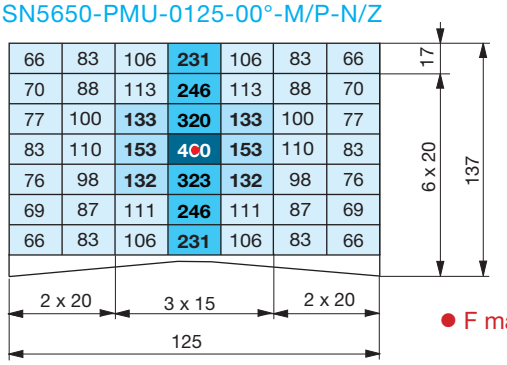
SN5650-PMU-0125 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

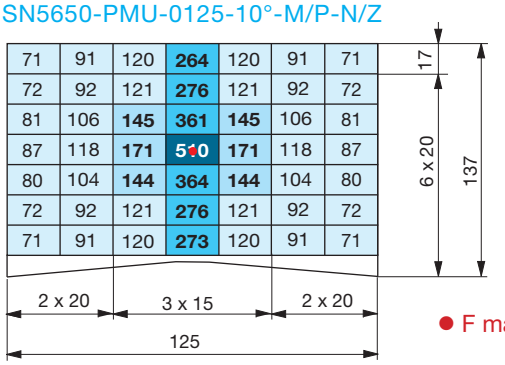
SN5650-PMU-0125-00°-M/P-N/Z



● F max. = 464 kN

66	83	106	**231**	106	83	66
70	88	113	**246**	113	88	70
77	100	133	**320**	133	100	77
83	110	**153**	**460**	**153**	110	83
76	98	132	**323**	132	98	76
69	87	111	**246**	111	87	69
66	83	106	**231**	106	83	66

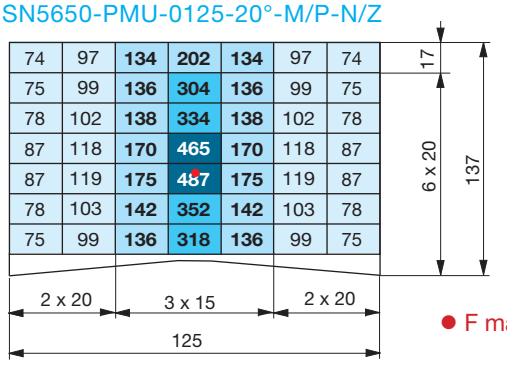
SN5650-PMU-0125-10°-M/P-N/Z



● F max. = 512 kN

71	91	120	**264**	120	91	71
72	92	121	**276**	121	92	72
81	106	145	**361**	145	106	81
87	118	**171**	**510**	**171**	118	87
80	104	144	**364**	144	104	80
72	92	121	**276**	121	92	72
71	91	120	**273**	120	91	71

SN5650-PMU-0125-20°-M/P-N/Z



● F max. = 544 kN

74	97	134	202	134	97	74
75	99	136	**304**	136	99	75
78	102	138	**334**	138	102	78
87	118	**170**	**465**	**170**	118	87
87	119	**175**	**487**	**175**	119	87
78	103	142	**352**	142	103	78
75	99	136	**318**	136	99	75

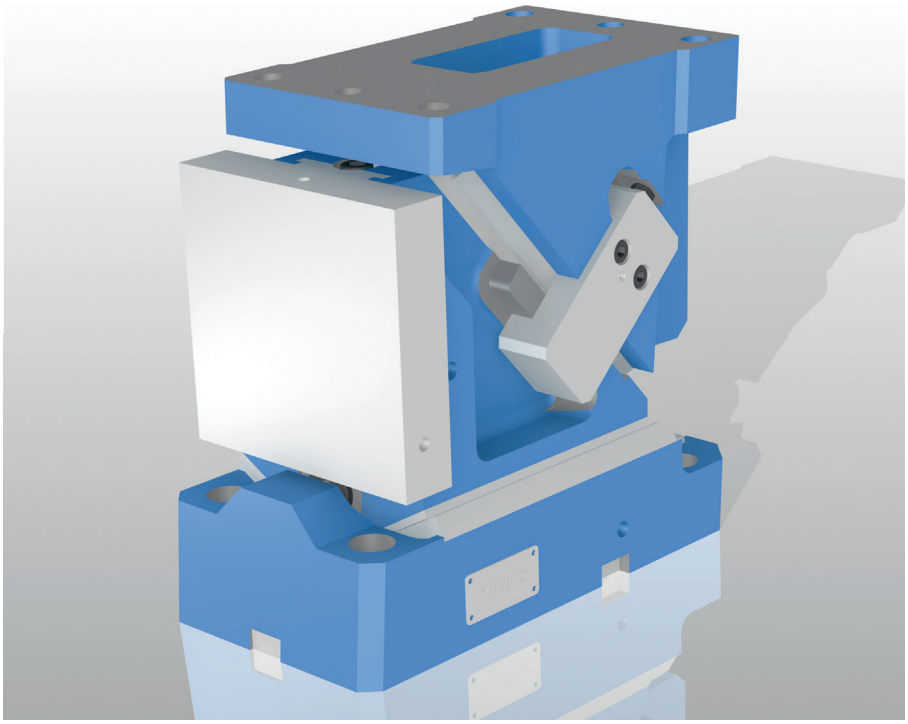
D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0165



Mat.: EN-GJS-600-3 (GGG60)



Arbeitsfläche:	Working Area:	Plan de travail:
165 mm x 160 mm	165 mm x 160 mm	165 mm x 160 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
165 mm	165 mm	165 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
300 mm	300 mm	300 mm
Presskraft:	Press force:	Force de pressage:
500 kN	500 kN	500 kN

PMU-0165

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

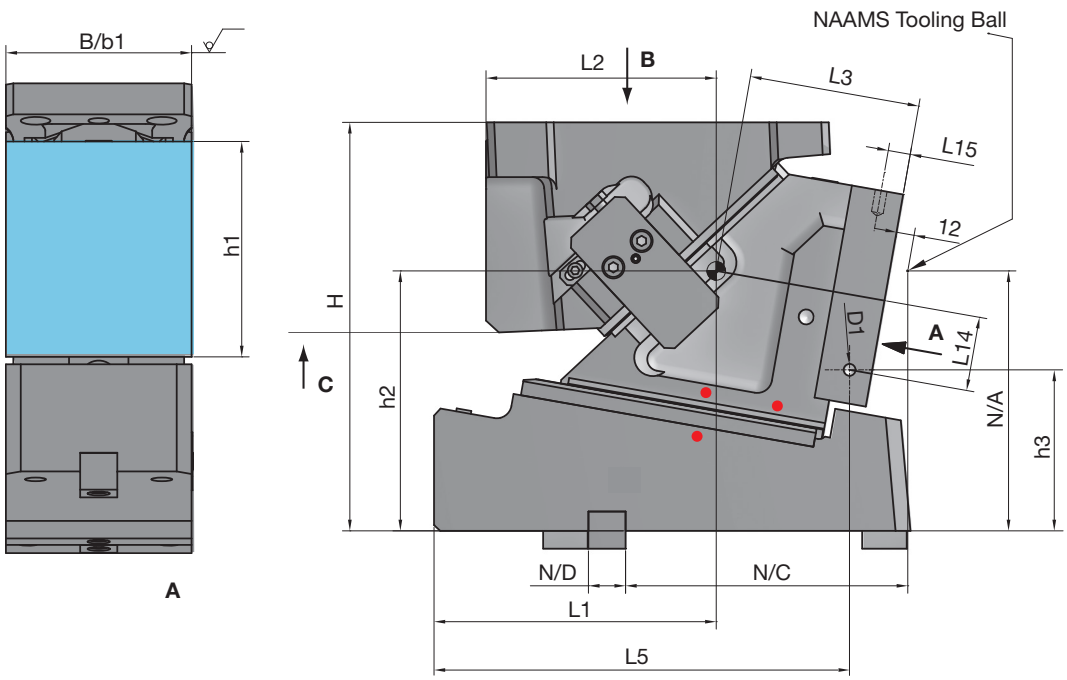
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M16 - 60 4x - M16 - 65	**Anzahl / Quantity / Nombre - d - l** 4x - M16 - 45 4x - M16 - 50
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅16 - 50	**Anzahl / Quantity / Nombre - d - l** 2x - ∅16 - 50
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 150 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 150 x 25 x 25

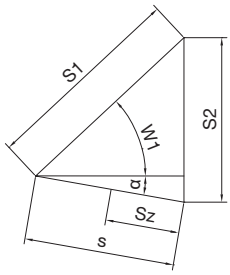
D 1801C 01.2019

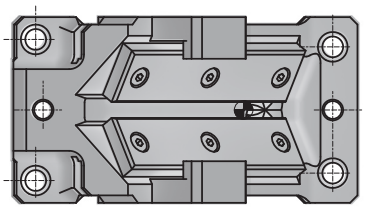
Unten stehender Normschieber SN5650-PMU-0165

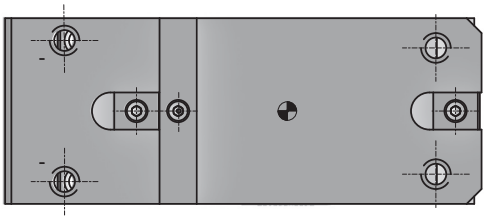
Die mount cam unit SN5650-PMU-0165

Coulisseau monté en bas SN5650-PMU-0165






C


B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

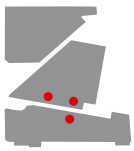
Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour # [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 498	> 855	> 855	2	47	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0165

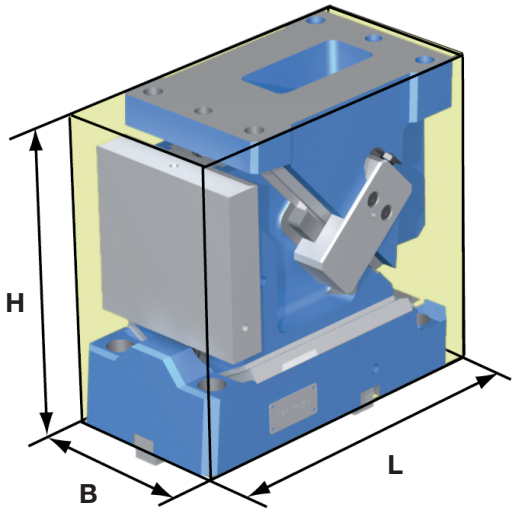
SN5650-PMU-0165-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage

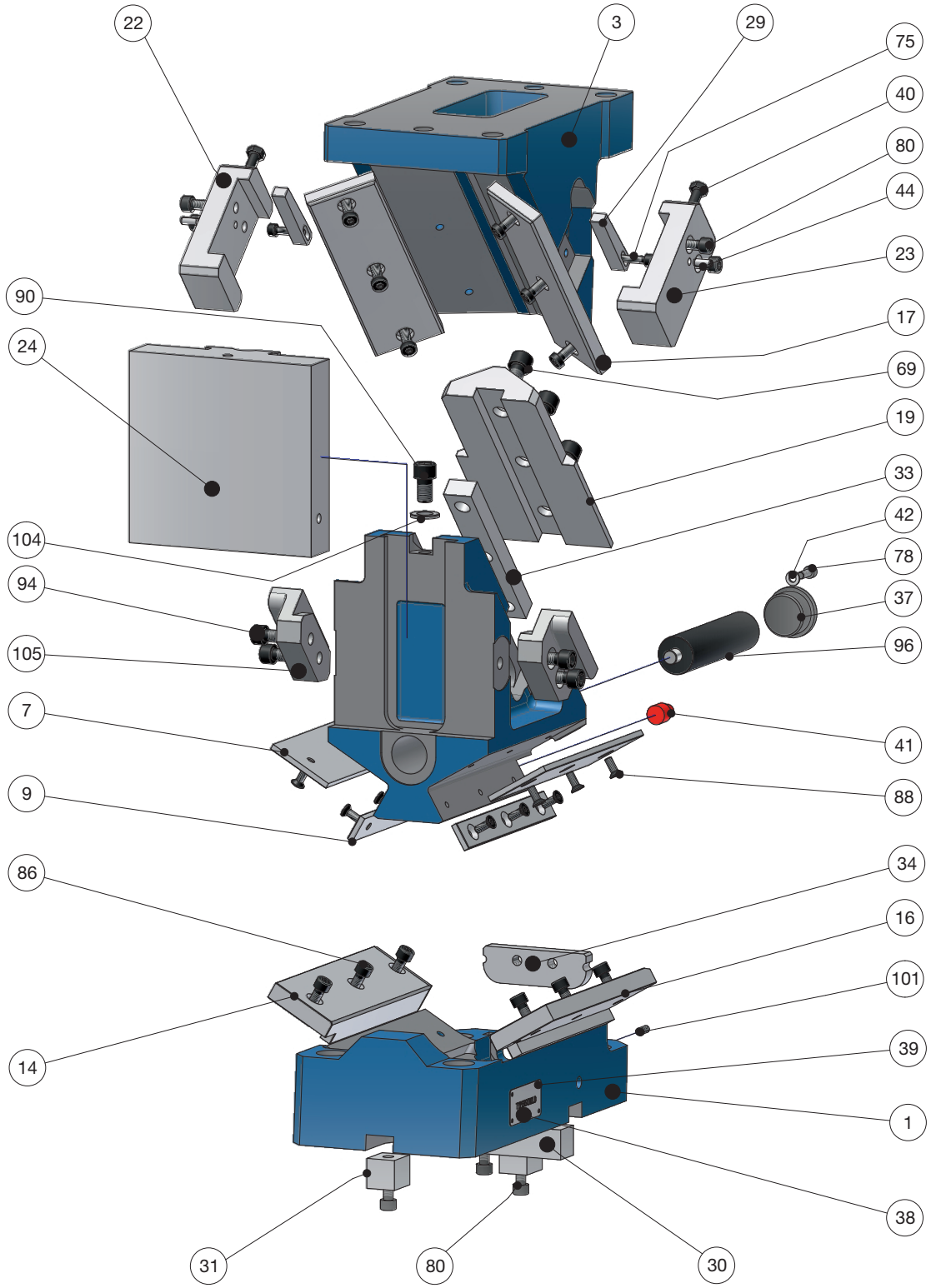


Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	326	320	332	344	353	365
B	165	165	165	165	165	165
H	300	300	300	300	300	300
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,6	95,3	94,3	85,8	83,5	75,6
S2	77,7	71,1	76,4	70,9	75,3	70,8
Sz	57	57	57	57	57	57
H	300	300	300	300	300	300
B	165	165	165	165	165	165
b1	165	165	165	165	165	165
h1	160	160	160	160	160	160
h2	180	180	185	185	195	195
h3	130,00	120,82	117,09	108,88	111,25	104,25
L1	170	180	195	205	210	220
L2	165	160	180	175	200	195
L3	122,5	122,5	122,5	122,5	122,5	122,5
L5	277,50	282,73	292,18	295,90	293,92	296,30
N/A	200	190	175	165	155	155
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0165

Stückliste | List of items | Liste des pièces

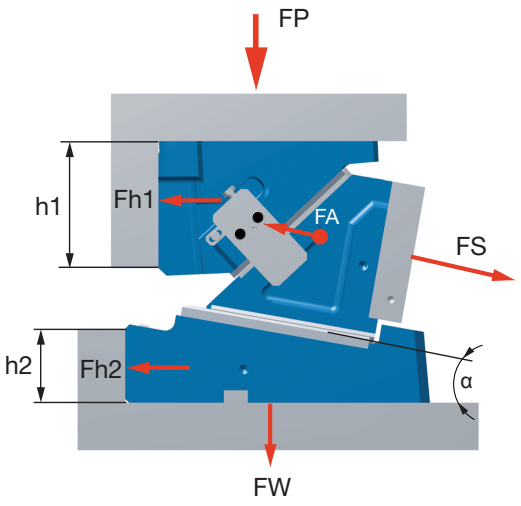
Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
44	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
69-94	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
96	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
101	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
104	Scheibe / Disc / Disque	SN5650-PMU-SB
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

D 1801C 01.2019

Kraftverteilung | Force Distribution | Distribution de force

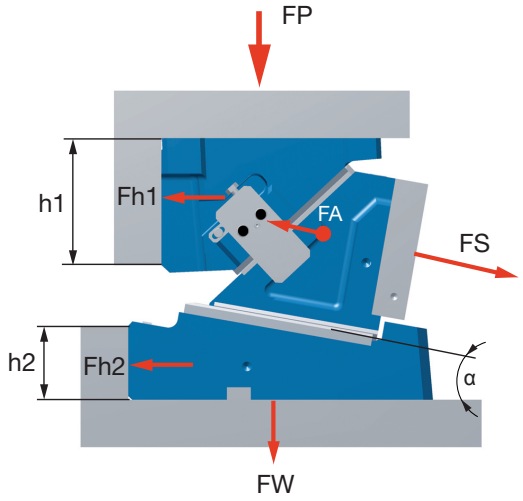
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	498	450	500	450	-2	175	40	2
05°	515	469	478	423	48	168	58	2
10°	531	488	455	396	97	160	75	2
15°	548	507	433	364	171	153	95	2
20°	564	526	411	333	245	145	115	2
25°	564	560	364	321	366	135	130	2



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	855	772	857	772	-2	175	40	47
05°	885	806	820	726	83	168	58	47
10°	915	840	783	681	169	160	75	46
15°	944	872	745	627	296	153	95	42
20°	972	905	707	573	424	145	115	43
25°	972	963	626	552	631	135	130	43



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

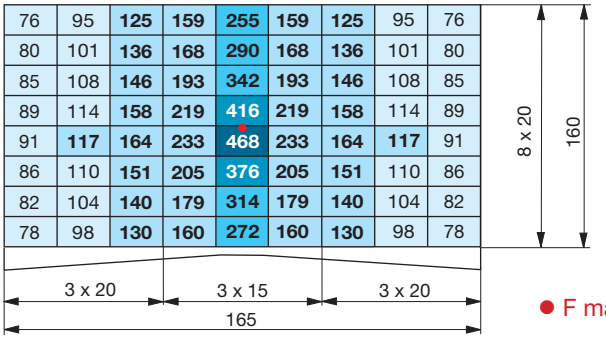
SN5650-PMU-00165 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0165-0°-B-N/Z

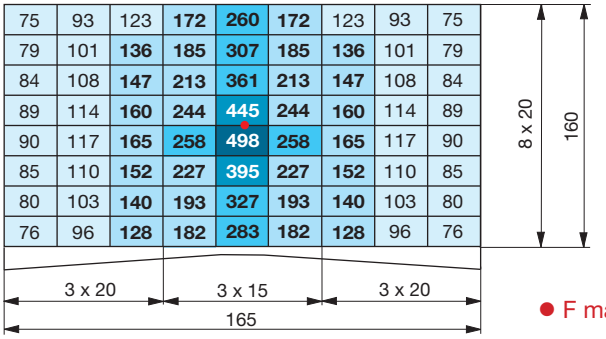


76	95	**125**	**159**	**255**	**159**	**125**	95	76
80	101	**136**	**168**	**290**	**168**	**136**	101	80
85	108	**146**	**193**	**342**	**193**	**146**	108	85
89	114	**158**	**219**	**416**	**219**	**158**	114	89
91	**117**	**164**	**233**	**468**	**233**	**164**	**117**	91
86	110	**151**	**205**	**376**	**205**	**151**	110	86
82	104	**140**	**179**	**314**	**179**	**140**	104	82
78	98	**130**	**160**	**272**	**160**	**130**	98	78

● F max. = 498 kN

76	95	125	**159**	**255**	**159**	125	95	76
80	101	136	**168**	**290**	**168**	136	101	80
85	108	**146**	**193**	**342**	**193**	**146**	108	85
89	114	**158**	**219**	**416**	**219**	**158**	114	89
91	117	**164**	**233**	**468**	**233**	**164**	117	91
86	110	**151**	**205**	**376**	**205**	**151**	110	86
82	104	140	**179**	**314**	**179**	140	104	82
78	98	130	**160**	**272**	**160**	130	98	78

SN5650-PMU-0165-10°-B-N/Z

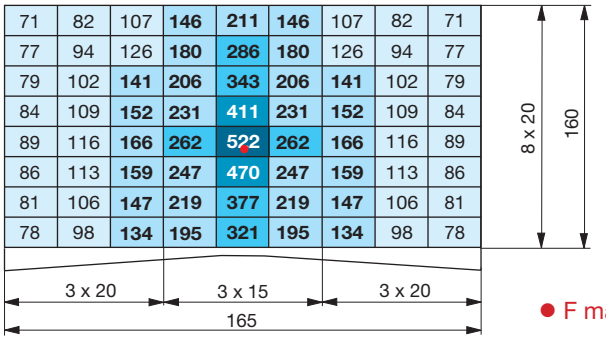


75	93	123	**172**	**260**	**172**	123	93	75
79	101	**136**	**185**	**307**	**185**	**136**	101	79
84	108	**147**	**213**	**361**	**213**	**147**	108	84
89	114	**160**	**244**	**445**	**244**	**160**	114	89
90	117	**165**	**258**	**498**	**258**	**165**	117	90
85	110	**152**	**227**	**395**	**227**	**152**	110	85
80	103	**140**	**193**	**327**	**193**	**140**	103	80
76	96	**128**	**182**	**283**	**182**	**128**	96	76

● F max. = 531 kN

75	93	123	**172**	**260**	**172**	123	93	75
79	101	136	**185**	**307**	**185**	136	101	79
84	108	147	**213**	**361**	**213**	147	108	84
89	114	**160**	**244**	**445**	**244**	**160**	114	89
90	117	**165**	**258**	**498**	**258**	**165**	117	90
85	110	**152**	**227**	**395**	**227**	**152**	110	85
80	103	140	**193**	**327**	**193**	140	103	80
76	96	128	**182**	**283**	**182**	128	96	76

SN5650-PMU-0165-20°-B-N/Z



71	82	107	**146**	**211**	**146**	107	82	71
77	94	126	**180**	**286**	**180**	126	94	77
79	102	**141**	**206**	**343**	**206**	**141**	102	79
84	109	**152**	**231**	**411**	**231**	**152**	109	84
89	116	**166**	**262**	**522**	**262**	**166**	116	89
86	113	**159**	**247**	**470**	**247**	**159**	113	86
81	106	**147**	**219**	**377**	**219**	**147**	106	81
78	98	**134**	**195**	**321**	**195**	**134**	98	78

● F max. = 564 kN

71	82	107	146	**211**	146	107	82	71
77	94	126	**180**	**286**	**180**	126	94	77
79	102	141	**206**	**343**	**206**	141	102	79
84	109	152	**231**	**411**	**231**	152	109	84
89	116	**166**	**262**	**522**	**262**	**166**	116	89
86	113	**159**	**247**	**470**	**247**	**159**	113	86
81	106	147	**219**	**377**	**219**	147	106	81
78	98	134	**195**	**321**	**195**	134	98	78

D 1801C 01.2019

SN5650-PMU-0165 / Medium / Premium

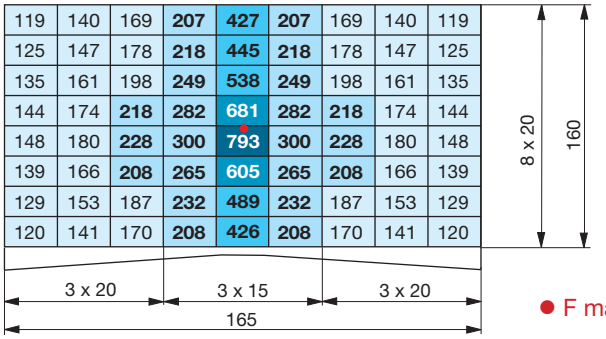
Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0165-0°-M/P-N/Z

119	140	169	**207**	**427**	**207**	169	140	119
125	147	178	**218**	**445**	**218**	178	147	125
135	161	198	**249**	**538**	**249**	198	161	135
144	174	**218**	**282**	**681**	**282**	**218**	174	144
148	180	**228**	**300**	**793**	**300**	**228**	180	148
139	166	**208**	**265**	**605**	**265**	**208**	166	139
129	153	187	**232**	**489**	**232**	187	153	129
120	141	170	**208**	**426**	**208**	170	141	120

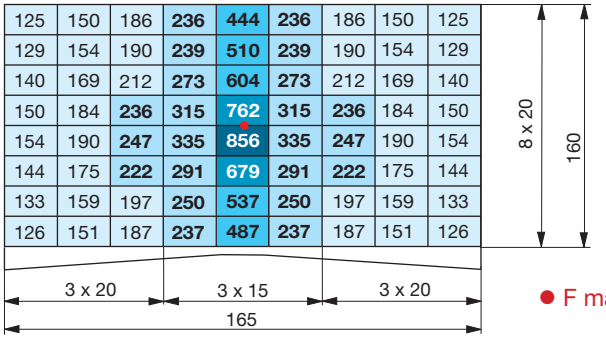


● F max. = 855 kN

109	140	169	207	**427**	207	169	140	109
114	147	178	218	**445**	218	178	147	114
114	157	198	**249**	**538**	**249**	198	157	114
114	157	218	**282**	**681**	**282**	218	157	114
114	157	228	**300**	**793**	**300**	228	157	114
114	157	208	**265**	**605**	**265**	208	157	114
114	153	187	232	**489**	232	187	153	114
111	141	170	208	**426**	208	170	141	111

SN5650-PMU-0165-10°-M/P-N/Z

125	150	186	**236**	**444**	**236**	186	150	125
129	154	190	**239**	**510**	**239**	190	154	129
140	169	212	**273**	**604**	**273**	212	169	140
150	184	**236**	**315**	**762**	**315**	**236**	184	150
154	190	**247**	**335**	**856**	**335**	**247**	190	154
144	175	**222**	**291**	**679**	**291**	**222**	175	144
133	159	197	**250**	**537**	**250**	197	159	133
126	151	187	**237**	**487**	**237**	187	151	126

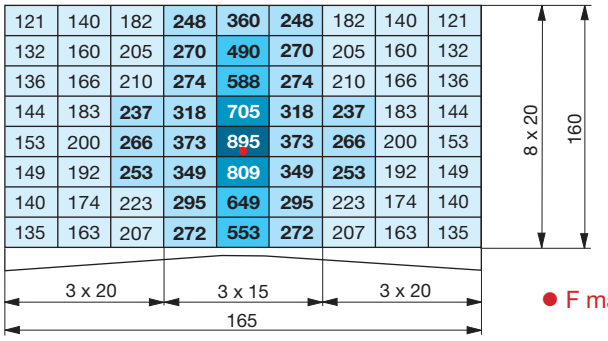


● F max. = 915 kN

99	132	186	236	**444**	236	186	132	99
104	139	190	239	**510**	239	190	139	104
105	141	212	**273**	**604**	**273**	212	141	105
105	141	212	**315**	**762**	**315**	212	141	105
105	141	212	**335**	**856**	**335**	212	141	105
105	141	212	**291**	**679**	**291**	212	141	105
105	141	197	250	**537**	250	197	141	105
100	134	187	237	**487**	237	187	134	100

SN5650-PMU-0165-20°-M/P-N/Z

121	140	182	**248**	**360**	**248**	182	140	121
132	160	205	**270**	**490**	**270**	205	160	132
136	166	210	**274**	**588**	**274**	210	166	136
144	183	**237**	**318**	**705**	**318**	**237**	183	144
153	200	**266**	**373**	**895**	**373**	**266**	200	153
149	192	**253**	**349**	**809**	**349**	**253**	192	149
140	174	223	**295**	**649**	**295**	223	174	140
135	163	207	**272**	**553**	**272**	207	163	135



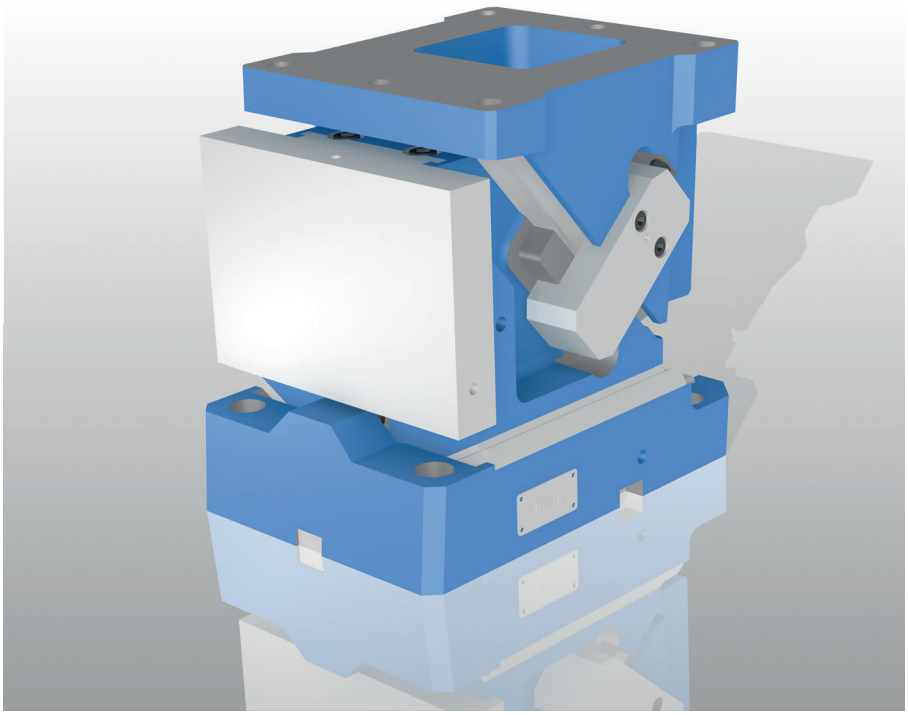
● F max. = 972 kN

121	124	182	**248**	**360**	**248**	182	124	121
114	130	189	**270**	**490**	**270**	189	130	114
104	136	198	**274**	**588**	**274**	198	136	104
105	138	200	**318**	**705**	**318**	200	138	105
105	138	200	**329**	**736**	**329**	200	138	105
105	138	200	**329**	**736**	**329**	200	138	105
105	138	200	**295**	**649**	**295**	200	138	105
108	133	193	**272**	**553**	**272**	193	133	108

D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en basu

SN5650-PMU-0230



Mat.: EN-GJS-600-3 (GGG60)

Arbeitsfläche:	Working Area:	Plan de travail:
230 mm x 160 mm	230 mm x 160 mm	230 mm x 160 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
230 mm	230 mm	230 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
300 mm	300 mm	300 mm
Presskraft:	Press force:	Force de pressage:
850 kN	850 kN	850 kN

PMU-0230

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

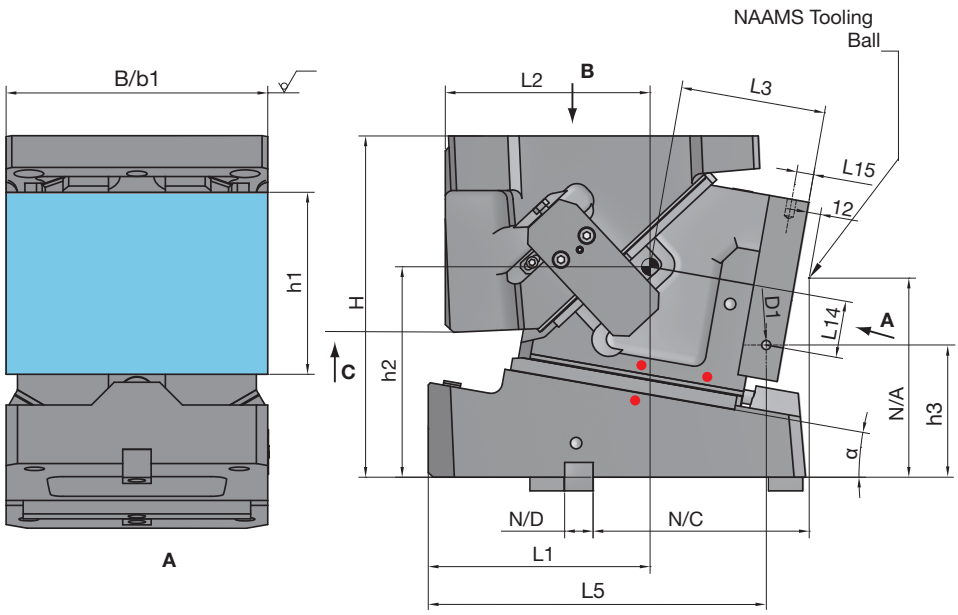
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M16 - 60 4x - M16 - 65	**Anzahl / Quantity / Nombre - d - l** 4x - M16 - 45 4x - M16 - 50
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅16 - 50	**Anzahl / Quantity / Nombre - d - l** 2x - ∅16 - 50
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 200 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 200 x 25 x 25

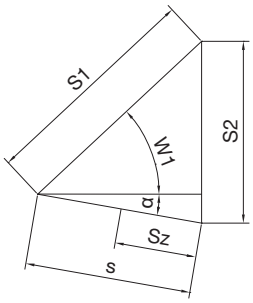
D 1801B 01.2019

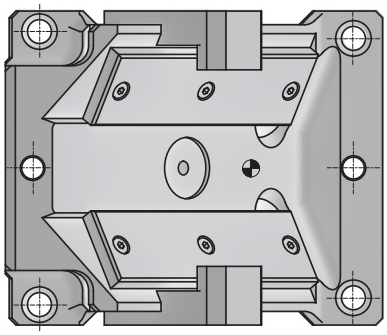
Unten stehender Normschieber SN5650-PMU-0230

Die mount cam unit SN5650-PMU-0230

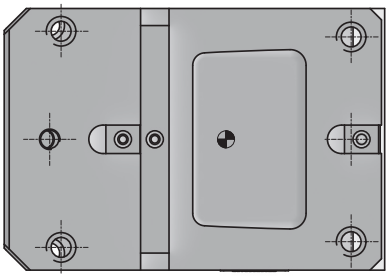
Coulisseau monté en bas SN5650-PMU-0230







C



B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

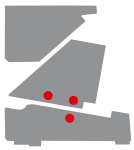
Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 498	> 855	> 855	2	47	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0230

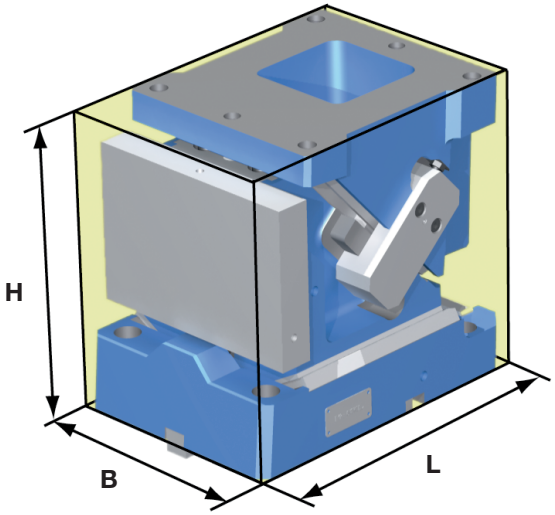
SN5650-PMU-0230-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



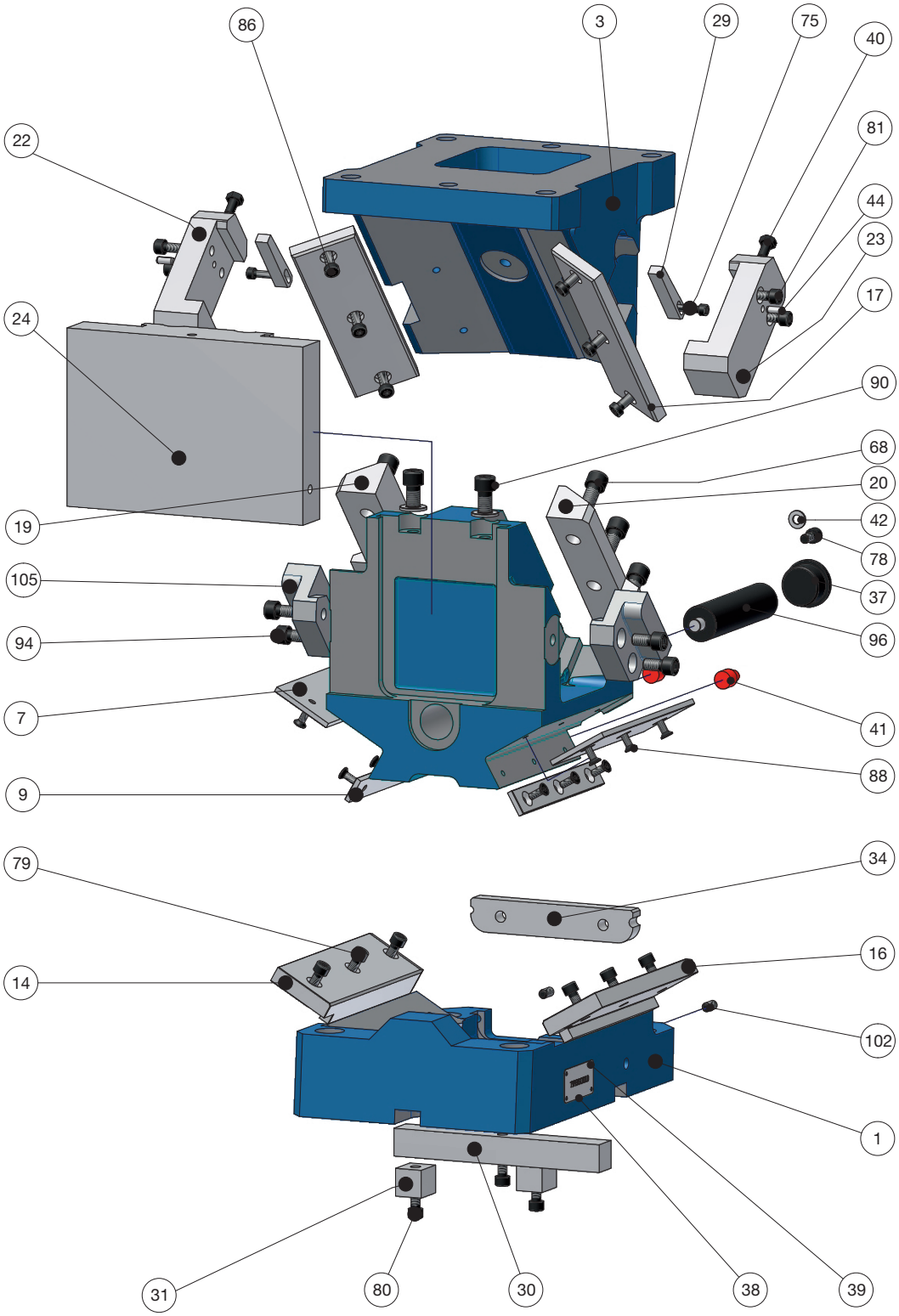
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	331	325	335	349	362	374
B	230	230	230	230	230	230
H	300	300	300	300	300	300
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,6	95,3	94,3	85,8	83,5	75,6
S2	77,7	71,1	76,4	70,9	75,3	70,8
Sz	57	57	57	57	57	57
H	300	300	300	300	300	300
B	230	230	230	230	230	230
b1	230	230	230	230	230	230
h1	160	160	160	160	160	160
h2	180	180	185	185	190	190
h3	130,00	120,39	116,22	107,59	104,54	97,14
L1	175	185	195	205	215	225
L2	165	160	180	175	200	195
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	287,50	292,71	297,11	300,73	303,61	305,83
N/A	200	190	175	165	155	155
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801B 01.2019

SN5650-PMU-0230

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0230

Stückliste | List of items | Liste des pièces

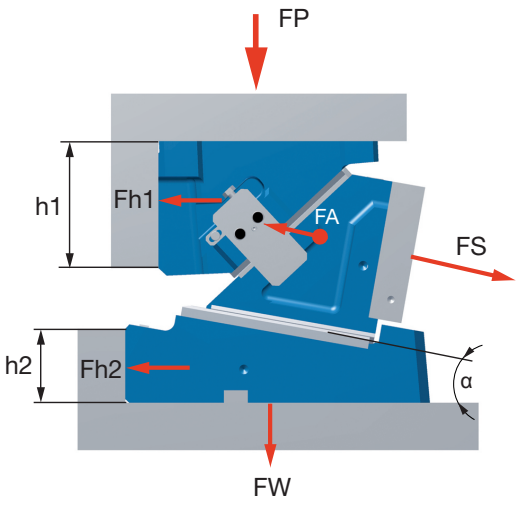
Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
44	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
68-94	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
96	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
102	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
104	Scheibe / Disc / Disque	SN5650-PMU-SB
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

D 1801B 01.2019

Kraftverteilung | Force Distribution | Distribution de force

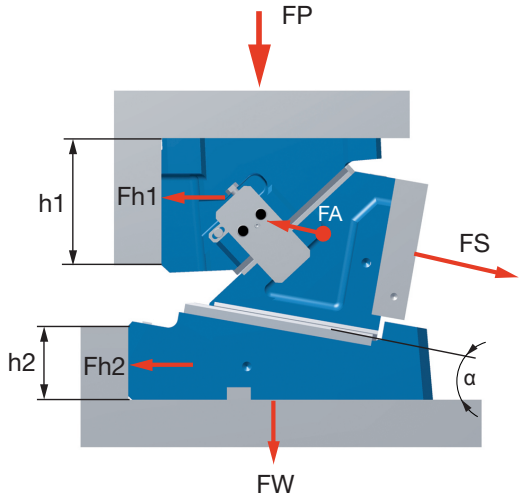
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	498	450	500	450	-2	175	40	2
05°	517	471	479	425	48	168	60	2
10°	535	492	459	399	98	160	80	2
15°	552	511	436	367	173	150	105	2
20°	568	530	414	335	247	140	130	2
25°	568	564	366	324	368	140	130	2



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	855	772	857	772	-2	175	40	47
05°	887	808	822	728	84	168	60	48
10°	919	843	786	684	169	160	80	48
15°	948	876	748	629	298	150	105	47
20°	976	909	710	575	426	140	130	46
25°	976	967	628	555	634	140	130	46



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

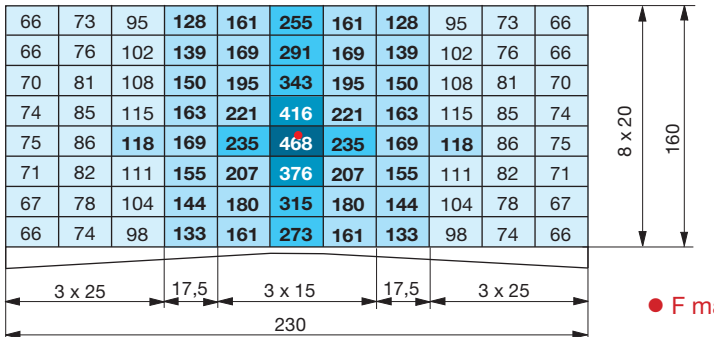
SN5650-PMU-0230 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0230-0°-B-N/Z

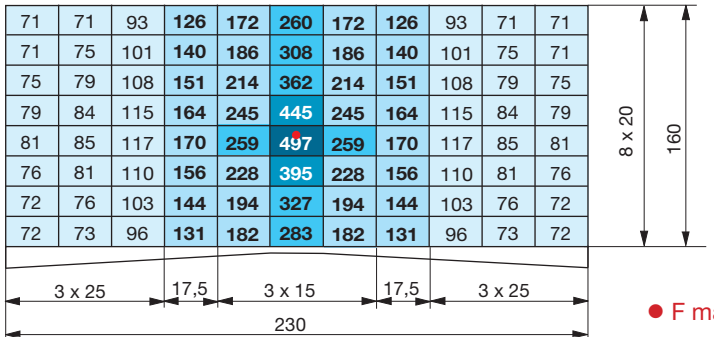


66	73	95	128	161	255	161	128	95	73	66
66	76	102	139	169	291	169	139	102	76	66
70	81	108	150	195	343	195	150	108	81	70
74	85	115	163	221	416	221	163	115	85	74
75	86	118	169	235	468	235	169	118	86	75
71	82	111	155	207	376	207	155	111	82	71
67	78	104	144	180	315	180	144	104	78	67
66	74	98	133	161	273	161	133	98	74	66

66	73	95	128	161	255	161	128	95	73	66
66	76	102	139	169	291	169	139	102	76	66
70	81	108	150	195	343	195	150	108	81	70
74	85	115	163	221	416	221	163	115	85	74
75	86	118	169	235	468	235	169	118	86	75
71	82	111	155	207	376	207	155	111	82	71
67	78	104	144	180	315	180	144	104	78	67
66	74	98	133	161	273	161	133	98	74	66

● F max. = 498 kN

SN5650-PMU-0230-10°-B-N/Z

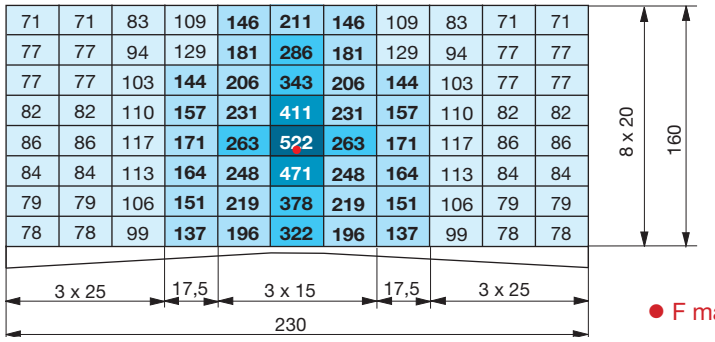


71	71	93	126	172	260	172	126	93	71	71
71	75	101	140	186	308	186	140	101	75	71
75	79	108	151	214	362	214	151	108	79	75
79	84	115	164	245	445	245	164	115	84	79
81	85	117	170	259	497	259	170	117	85	81
76	81	110	156	228	395	228	156	110	81	76
72	76	103	144	194	327	194	144	103	76	72
72	73	96	131	182	283	182	131	96	73	72

71	71	93	126	172	260	172	126	93	71	71
71	75	101	140	186	308	186	140	101	75	71
75	79	108	151	214	362	214	151	108	79	75
79	84	115	164	245	445	245	164	115	84	79
81	85	117	170	259	497	259	170	117	85	81
76	81	110	156	228	395	228	156	110	81	76
72	76	103	144	194	327	194	144	103	76	72
72	73	96	131	182	283	182	131	96	73	72

● F max. = 535 kN

SN5650-PMU-0230-20°-B-N/Z



71	71	83	109	146	211	146	109	83	71	71
77	77	94	129	181	286	181	129	94	77	77
77	77	103	144	206	343	206	144	103	77	77
82	82	110	157	231	411	231	157	110	82	82
86	86	117	171	263	522	263	171	117	86	86
84	84	113	164	248	471	248	164	113	84	84
79	79	106	151	219	378	219	151	106	79	79
78	78	99	137	196	322	196	137	99	78	78

71	71	83	109	146	211	146	109	83	71	71
77	77	94	129	181	286	181	129	94	77	77
77	77	103	144	206	343	206	144	103	77	77
82	82	110	157	231	411	231	157	110	82	82
86	86	117	171	263	522	263	171	117	86	86
84	84	113	164	248	471	248	164	113	84	84
79	79	106	151	219	378	219	151	106	79	79
78	78	99	137	196	322	196	137	99	78	78

● F max. = 568 kN

D 1801B 01.2019

SN5650-PMU-0230 / Medium / Premium

Schieberkräfte	Cam Force	Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0230-0°-M/P-N/Z

106	116	141	173	**209**	**426**	**209**	173	141	116	106
103	122	148	181	**219**	**444**	**219**	181	148	122	103
110	131	162	**203**	**251**	**538**	**251**	**203**	162	131	110
116	139	175	**224**	**284**	**681**	**284**	**224**	175	139	116
118	143	181	**234**	**302**	**793**	**302**	**234**	181	143	118
112	134	168	**213**	**267**	**605**	**267**	**213**	168	134	112
106	125	154	191	**234**	**488**	**234**	191	154	125	106
104	117	142	174	**210**	**426**	**210**	174	142	117	104

8 x 20 / 160

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

91	106	141	173	209	**426**	209	173	141	106	91
83	110	148	181	219	**444**	219	181	148	110	83
83	110	162	203	**251**	**538**	**251**	203	162	110	83
83	110	163	224	**284**	**681**	**284**	224	163	110	83
83	110	163	234	**302**	**793**	**302**	234	163	110	83
83	110	163	213	**267**	**605**	**267**	213	163	110	83
83	110	154	191	234	**488**	234	191	154	110	83
87	108	142	174	210	**426**	210	174	142	108	87

● F max. = 855 kN

SN5650-PMU-0230-10°-M/P-N/Z

123	123	151	190	**238**	**445**	**238**	190	151	123	123
118	125	155	194	**241**	**510**	**241**	194	155	125	118
124	136	170	**217**	**275**	**604**	**275**	**217**	170	136	124
132	144	185	**243**	**318**	**763**	**318**	**243**	185	144	132
135	147	191	**254**	**338**	**856**	**338**	**254**	191	147	135
127	139	176	**228**	**294**	**678**	**294**	**228**	176	139	127
119	129	160	202	**251**	**535**	**251**	202	160	129	119
124	122	152	192	**239**	**487**	**239**	192	152	122	124

8 x 20 / 160

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

105	105	140	190	238	**445**	238	190	140	105	105
93	103	148	194	241	**510**	241	194	148	103	93
92	104	149	217	**275**	**604**	**275**	217	149	104	92
92	104	149	236	**318**	**763**	**318**	236	149	104	92
92	104	149	236	**338**	**856**	**338**	236	149	104	92
92	104	149	228	**294**	**678**	**294**	228	149	104	92
92	104	149	202	251	**535**	251	202	149	104	92
101	99	142	192	239	**487**	239	192	142	99	101

● F max. = 919 kN

SN5650-PMU-0230-20°-M/P-N/Z

121	121	140	186	**248**	**358**	**248**	186	140	121	121
133	133	161	210	**272**	**490**	**272**	210	161	133	133
135	135	167	216	**277**	**589**	**277**	216	167	135	135
141	141	184	**243**	**321**	**705**	**321**	**243**	184	141	141
149	149	201	**273**	**377**	**895**	**377**	**273**	201	149	149
145	145	194	**260**	**353**	**810**	**353**	**260**	194	145	145
137	137	176	**229**	**298**	**650**	**298**	**229**	176	137	137
135	135	164	213	**275**	**554**	**275**	213	164	135	135

8 x 20 / 160

3 x 25 | 17,5 | 3 x 15 | 17,5 | 3 x 25

230

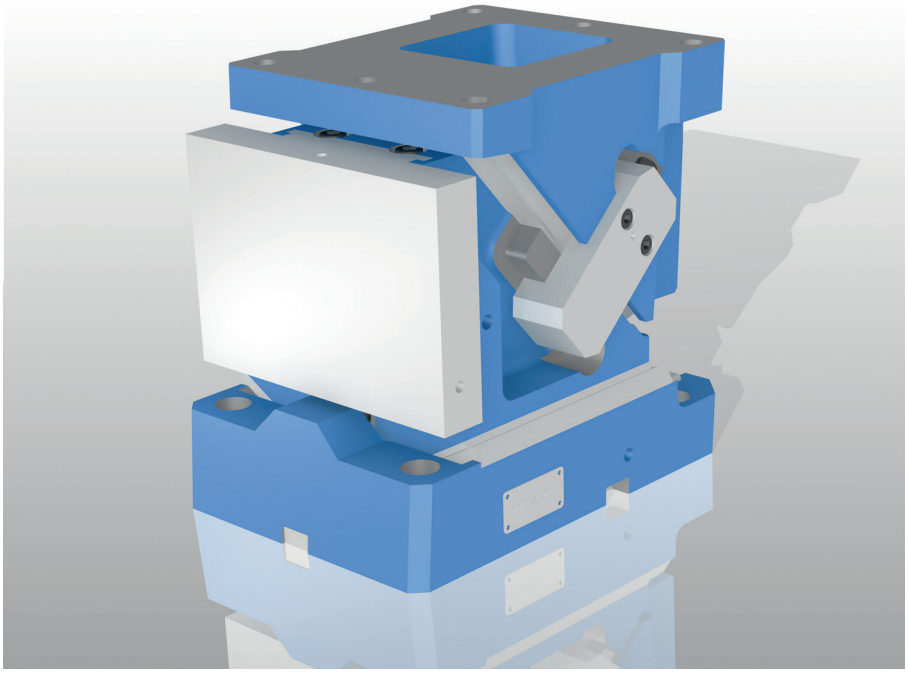
121	121	128	186	248	**358**	248	186	128	121	121
117	117	133	205	**272**	**490**	**272**	205	133	117	117
104	104	141	215	**277**	**589**	**277**	215	141	104	104
102	102	142	218	**321**	**705**	**321**	218	142	102	102
102	102	142	218	**366**	**895**	**366**	218	142	102	102
102	102	142	218	**353**	**810**	**353**	218	142	102	102
102	102	142	218	**298**	**650**	**298**	218	142	102	102
111	111	137	210	**275**	**554**	**275**	210	137	111	111

● F max. = 976 kN

D 1801B 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0260



Mat.: EN-GJS-600-3 (GGG60)

Arbeitsfläche:	Working Area:	Plan de travail:
260 mm x 160 mm	260 mm x 160 mm	260 mm x 160 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
260 mm	260 mm	260 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
300 mm	300 mm	300 mm
Presskraft:	Press force:	Force de pressage:
855 kN	855 kN	855 kN

PMU-0260

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

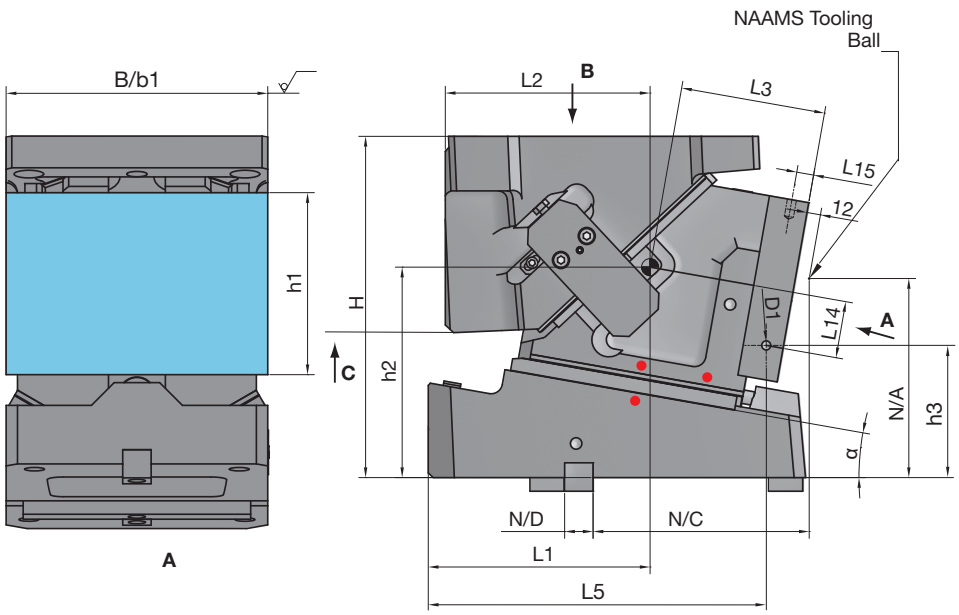
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M16 - 60 4x - M16 - 65	**Anzahl / Quantity / Nombre - d - l** 4x - M16 - 45 4x - M16 - 50
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅16 - 50	**Anzahl / Quantity / Nombre - d - l** 2x - ∅16 - 50
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 250 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 30 x 25 x 25 1x - 250 x 25 x 25

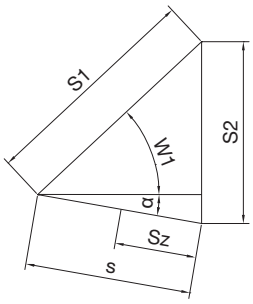
D 1801C 01.2019

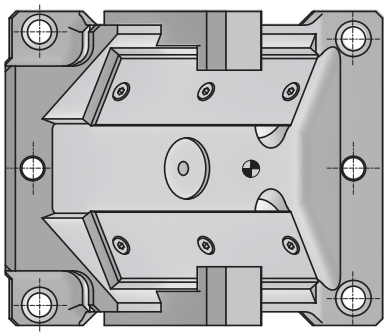
Unten stehender Normschieber SN5650-PMU-0260

Die mount cam unit SN5650-PMU-0260

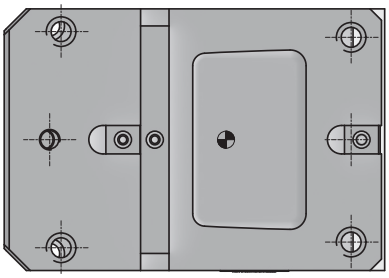
Coulisseau monté en bas SN5650-PMU-0260







C



B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

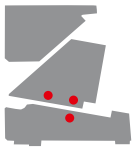
Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 498	> 855	> 855	2	47	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0260

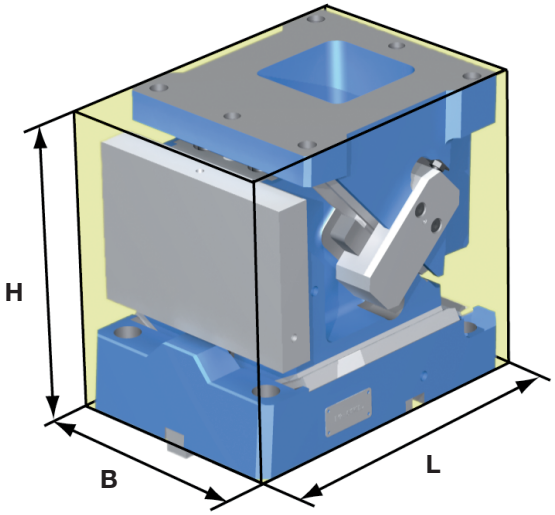
SN5650-PMU-0260-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



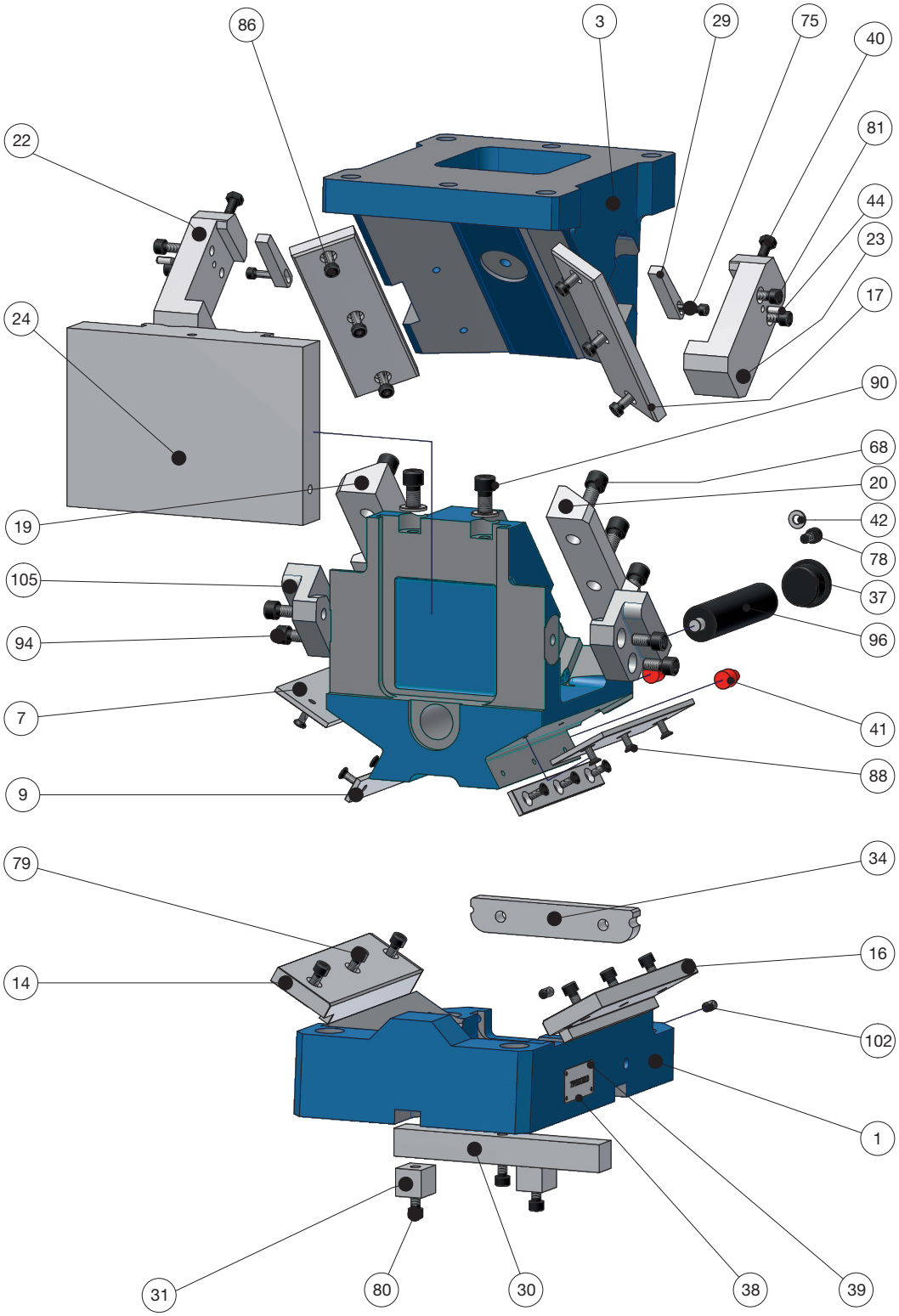
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	332	325	335	349	363	375
B	260	260	260	260	260	260
H	300	300	300	300	300	300
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,61	95,35	94,26	85,8	83,47	75,65
S2	77,74	71,13	76,44	70,94	75,33	70,78
Sz	57	57	57	57	57	57
H	300	300	300	300	300	300
B	260	260	260	260	260	260
b1	260	260	260	260	260	260
h1	160	160	160	160	160	160
h2	180	180	185	185	190	190
h3	130	120,39	116,22	107,59	104,54	97,14
L1	175	185	195	205	215	225
L2	165	160	180	175	200	195
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	287,5	292,71	297,11	300,73	303,61	305,83
N/A	200	190	175	165	155	155
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0260

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0260

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
44	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
68-94	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
96	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
102	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
104	Scheibe / Disc / Disque	SN5650-PMU-SB
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

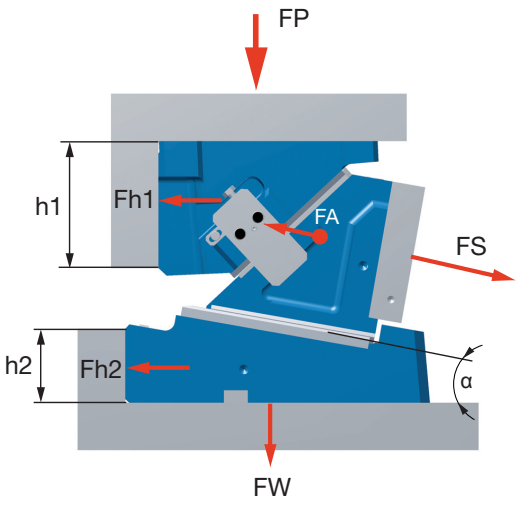
D 1801C 01.2019

SN5650-PMU-0260

Kraftverteilung | Force Distribution | Distribution de force

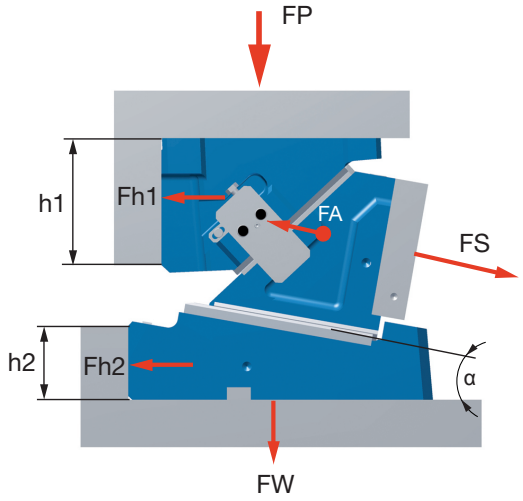
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	498	450	500	450	-2	175	40	2
05°	517	471	479	425	48	170	50	2
10°	535	492	459	399	98	165	60	2
15°	756	700	584	487	262	150	80	2
20°	976	909	710	575	426	135	100	2
25°	976	967	628	555	634	140	120	2



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	855	772	857	772	-2	175	40	47
05°	887	808	822	728	84	170	50	47
10°	919	843	786	684	169	165	60	45
15°	948	876	748	629	298	150	80	47
20°	976	909	710	575	426	135	100	45
25°	976	967	628	555	634	140	120	45



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

SN5650-PMU-0260 / Basis

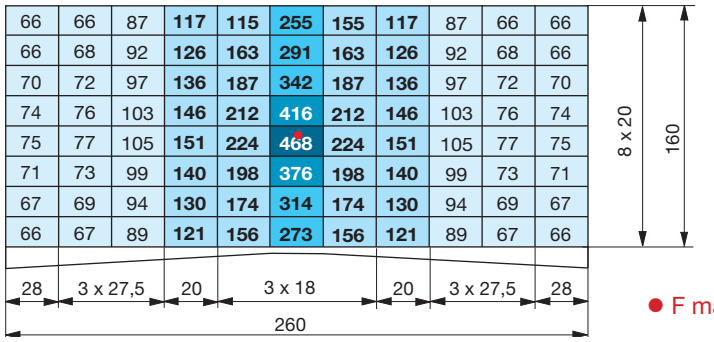
Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0260-0°-B-N/Z

66	66	87	**117**	**115**	**255**	**155**	**117**	87	66	66
66	68	92	**126**	**163**	**291**	**163**	**126**	92	68	66
70	72	97	**136**	**187**	**342**	**187**	**136**	97	72	70
74	76	103	**146**	**212**	**416**	**212**	**146**	103	76	74
75	77	105	**151**	**224**	**468**	**224**	**151**	105	77	75
71	73	99	**140**	**198**	**376**	**198**	**140**	99	73	71
67	69	94	**130**	**174**	**314**	**174**	**130**	94	69	67
66	67	89	**121**	**156**	**273**	**156**	**121**	89	67	66

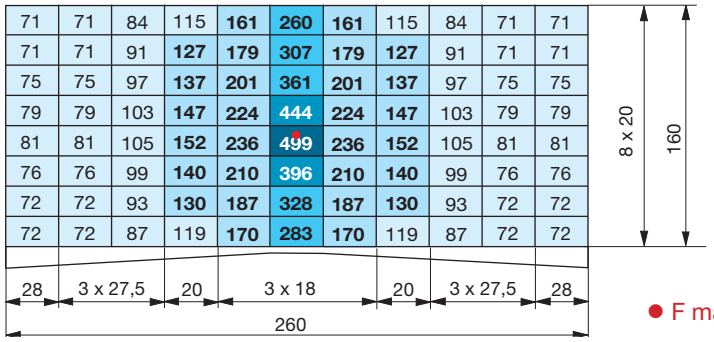


66	66	87	117	**155**	**255**	**155**	117	87	66	66
66	68	92	126	**163**	**291**	**163**	126	92	68	66
70	72	97	136	**187**	**342**	**187**	136	97	72	70
74	76	103	**146**	**212**	**416**	**212**	**146**	103	76	74
75	77	105	**151**	**224**	**468**	**224**	**151**	105	77	75
71	73	99	140	**198**	**376**	**198**	140	99	73	71
67	69	94	130	**174**	**314**	**174**	130	94	69	67
66	67	89	121	**156**	**273**	**156**	121	89	67	66

● F max. = 498 kN

SN5650-PMU-0260-10°-B-N/Z

71	71	84	115	**161**	**260**	**161**	115	84	71	71
71	71	91	**127**	**179**	**307**	**179**	**127**	91	71	71
75	75	97	**137**	**201**	**361**	**201**	**137**	97	75	75
79	79	103	**147**	**224**	**444**	**224**	**147**	103	79	79
81	81	105	**152**	**236**	**499**	**236**	**152**	105	81	81
76	76	99	**140**	**210**	**396**	**210**	**140**	99	76	76
72	72	93	**130**	**187**	**328**	**187**	**130**	93	72	72
72	72	87	119	**170**	**283**	**170**	119	87	72	72

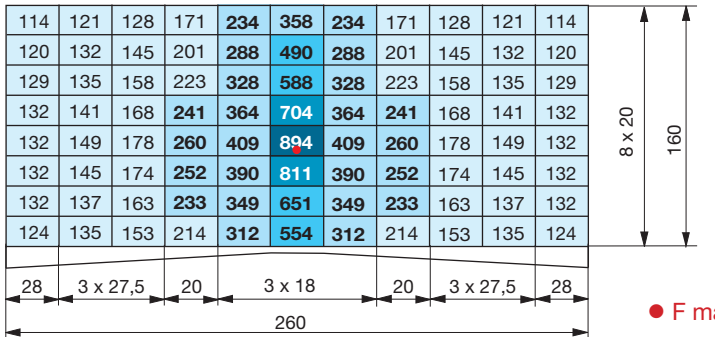


71	71	84	115	**161**	**260**	**161**	115	84	71	71
71	71	91	127	**179**	**307**	**179**	127	91	71	71
75	75	97	137	**201**	**361**	**201**	137	97	75	75
79	79	103	147	**224**	**444**	**224**	147	103	79	79
81	81	105	152	**236**	**499**	**236**	152	105	81	81
76	76	99	140	**210**	**396**	**210**	140	99	76	76
72	72	93	130	**187**	**328**	**187**	130	93	72	72
72	72	87	119	**170**	**283**	**170**	119	87	72	72

● F max. = 535 kN

SN5650-PMU-0260-20°-B-N/Z

114	121	128	171	**234**	**358**	**234**	171	128	121	114
120	132	145	201	**288**	**490**	**288**	201	145	132	120
129	135	158	223	**328**	**588**	**328**	223	158	135	129
132	141	168	**241**	**364**	**704**	**364**	**241**	168	141	132
132	149	178	**260**	**409**	**894**	**409**	**260**	178	149	132
132	145	174	**252**	**390**	**811**	**390**	**252**	174	145	132
132	137	163	**233**	**349**	**651**	**349**	**233**	163	137	132
124	135	153	214	**312**	**554**	**312**	214	153	135	124



114	121	128	171	234	**358**	234	171	128	121	114
120	132	142	201	**288**	**490**	**288**	201	142	132	120
126	126	150	223	**328**	**588**	**328**	223	150	126	126
123	123	152	231	**364**	**704**	**364**	231	152	123	123
123	123	152	231	**396**	**894**	**396**	231	152	123	123
123	123	152	231	**390**	**811**	**390**	231	152	123	123
123	123	152	231	**349**	**651**	**349**	231	152	123	123
124	134	145	214	**312**	**554**	**312**	214	145	134	124

● F max. = 976 kN

D 1801C 01.2019

SN5650-PMU-0260 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0260-0°-M/P-N/Z

116	116	148	200	**267**	**437**	**267**	200	148	116	116
115	117	157	**217**	**280**	**499**	**280**	**217**	157	117	115
122	124	167	**233**	**321**	**587**	**321**	**233**	167	124	122
128	130	177	**251**	**363**	**714**	**363**	**251**	177	130	128
131	133	181	**260**	**387**	**806**	**387**	**260**	181	133	131
124	126	171	**241**	**342**	**648**	**342**	**241**	171	126	124
118	120	162	**224**	**300**	**541**	**300**	**224**	162	120	118
115	115	153	**209**	**269**	**470**	**269**	**209**	153	115	115

8 x 20 | 160

28 | 3 x 27,5 | 20 | 3 x 18 | 20 | 3 x 27,5 | 28

260

109	109	148	200	**267**	**437**	**267**	200	148	109	109
100	116	157	217	**280**	**499**	**280**	217	157	116	100
100	116	167	233	**321**	**587**	**321**	233	167	116	100
100	116	169	**251**	**363**	**714**	**363**	**251**	169	116	100
100	116	169	**260**	**387**	**806**	**387**	**260**	169	116	100
100	116	169	241	**342**	**648**	**342**	241	169	116	100
100	116	162	224	**300**	**541**	**300**	224	162	116	100
105	105	153	209	**269**	**470**	**269**	209	153	105	105

● F max. = 855 kN

SN5650-PMU-0260-10°-M/P-N/Z

120	123	144	196	**275**	**445**	**275**	196	144	123	120
125	125	157	**217**	**308**	**528**	**308**	**217**	157	125	125
130	130	166	**234**	**344**	**619**	**344**	**234**	166	130	130
134	137	176	**252**	**384**	**761**	**384**	**252**	176	137	134
134	140	180	**261**	**406**	**858**	**406**	**261**	180	140	134
133	133	170	**242**	**362**	**681**	**362**	**242**	170	133	133
125	125	160	**225**	**322**	**564**	**322**	**225**	160	125	125
124	125	150	206	**293**	**488**	**293**	206	150	125	124

8 x 20 | 160

28 | 3 x 27,5 | 20 | 3 x 18 | 20 | 3 x 27,5 | 28

260

120	123	144	196	**275**	**445**	**275**	196	144	123	120
112	112	155	217	**308**	**528**	**308**	217	155	112	112
110	110	157	234	**344**	**619**	**344**	234	157	110	110
110	110	157	245	**384**	**761**	**384**	245	157	110	110
110	110	157	245	**406**	**858**	**406**	245	157	110	110
110	110	157	242	**362**	**681**	**362**	242	157	110	110
110	110	157	225	**322**	**564**	**322**	225	157	110	110
122	122	149	206	**293**	**488**	**293**	206	149	122	122

● F max. = 919 kN

SN5650-PMU-0260-20°-M/P-N/Z

114	121	128	117	**234**	**358**	**234**	171	128	121	114
120	132	145	201	**288**	**490**	**288**	201	145	132	120
129	135	158	223	**328**	**588**	**328**	223	158	135	129
132	141	168	**241**	**364**	**704**	**364**	**241**	168	141	132
132	149	178	**260**	**409**	**894**	**409**	**260**	178	149	132
132	145	174	**252**	**390**	**811**	**390**	**252**	174	145	132
132	137	163	**233**	**349**	**651**	**349**	**233**	163	137	132
124	135	153	214	**312**	**554**	**312**	214	153	135	124

8 x 20 | 160

28 | 3 x 27,5 | 20 | 3 x 18 | 20 | 3 x 27,5 | 28

260

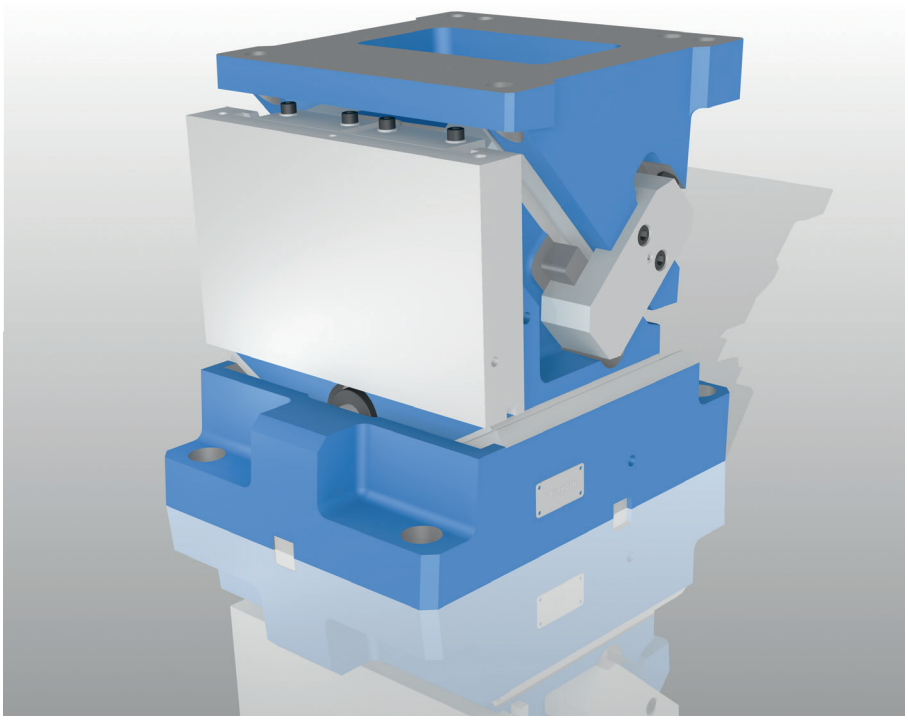
114	121	128	171	234	**358**	234	171	128	121	114
120	132	142	201	**288**	**490**	**288**	201	142	132	120
126	126	150	223	**328**	**588**	**328**	223	150	126	126
123	123	152	231	**364**	**704**	**364**	231	152	123	123
123	123	152	231	**396**	**894**	**396**	231	152	123	123
123	123	152	231	**390**	**811**	**390**	231	152	123	123
123	123	152	231	**349**	**651**	**349**	231	152	123	123
124	134	145	214	**312**	**554**	**312**	214	145	134	124

● F max. = 976 kN

D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Couliseau monté en bas

SN5650-PMU-0330



Mat.: EN-GJS-600-3 (GGG60)

Arbeitsfläche:	Working Area:	Plan de travail:
330 mm x 200 mm	330 mm x 200 mm	330 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
330 mm	330 mm	330 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
1000 kN	1000 kN	1000 kN

PMU-0330

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

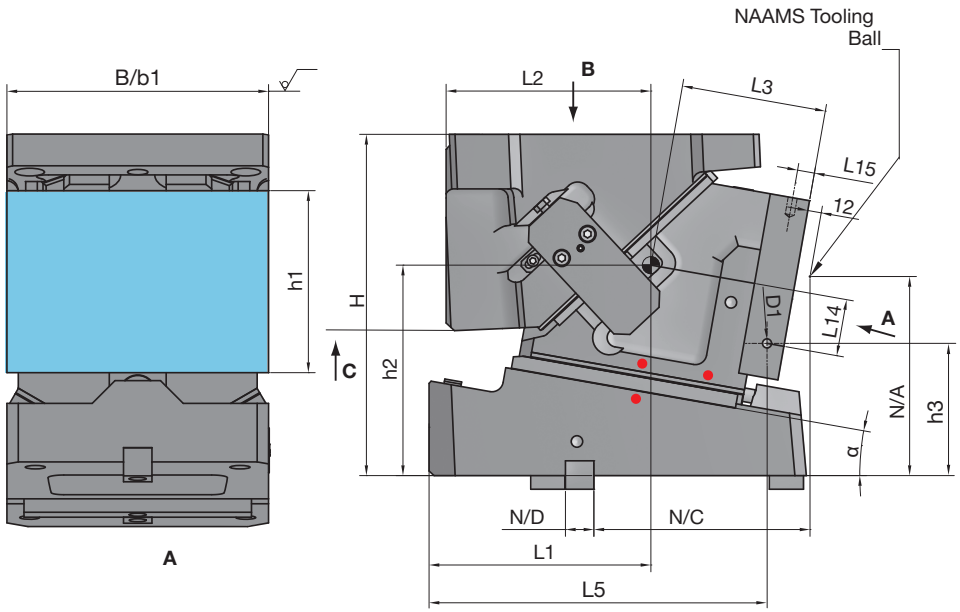
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M20 - 70 4x - M20 - 75	**Anzahl / Quantity / Nombre - d - l** 4x - M20 - 50 4x - M20 - 55
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 2x - 50 x 25 x 25 2x - 125 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 2x - 50 x 25 x 25 2x - 125 x 25 x 25

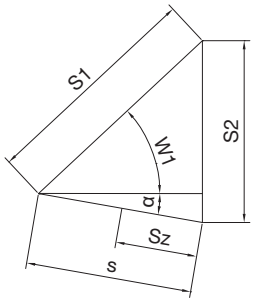
D 1801C 01.2019

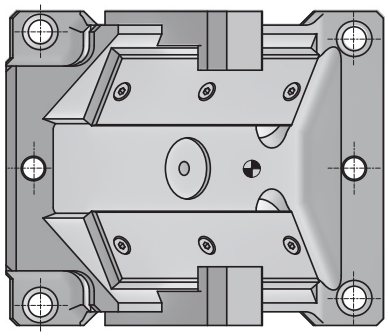
Unten stehender Normschieber SN5650-PMU-0330

Die mount cam unit SN5650-PMU-0330

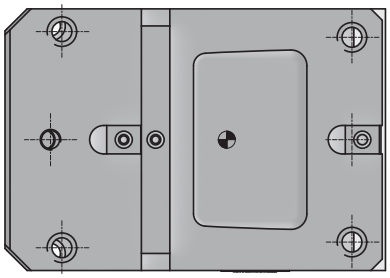
Coulisseau monté en bas SN5650-PMU-0330







C



B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

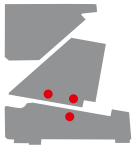
Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 677	> 1166	> 1166	6	76	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0330

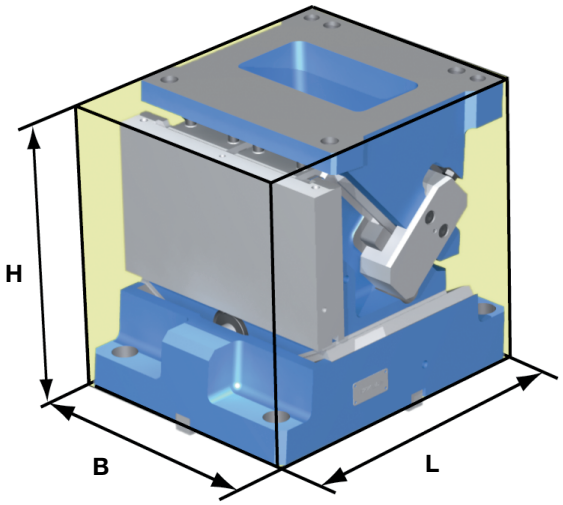
SN5650-PMU-0330-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



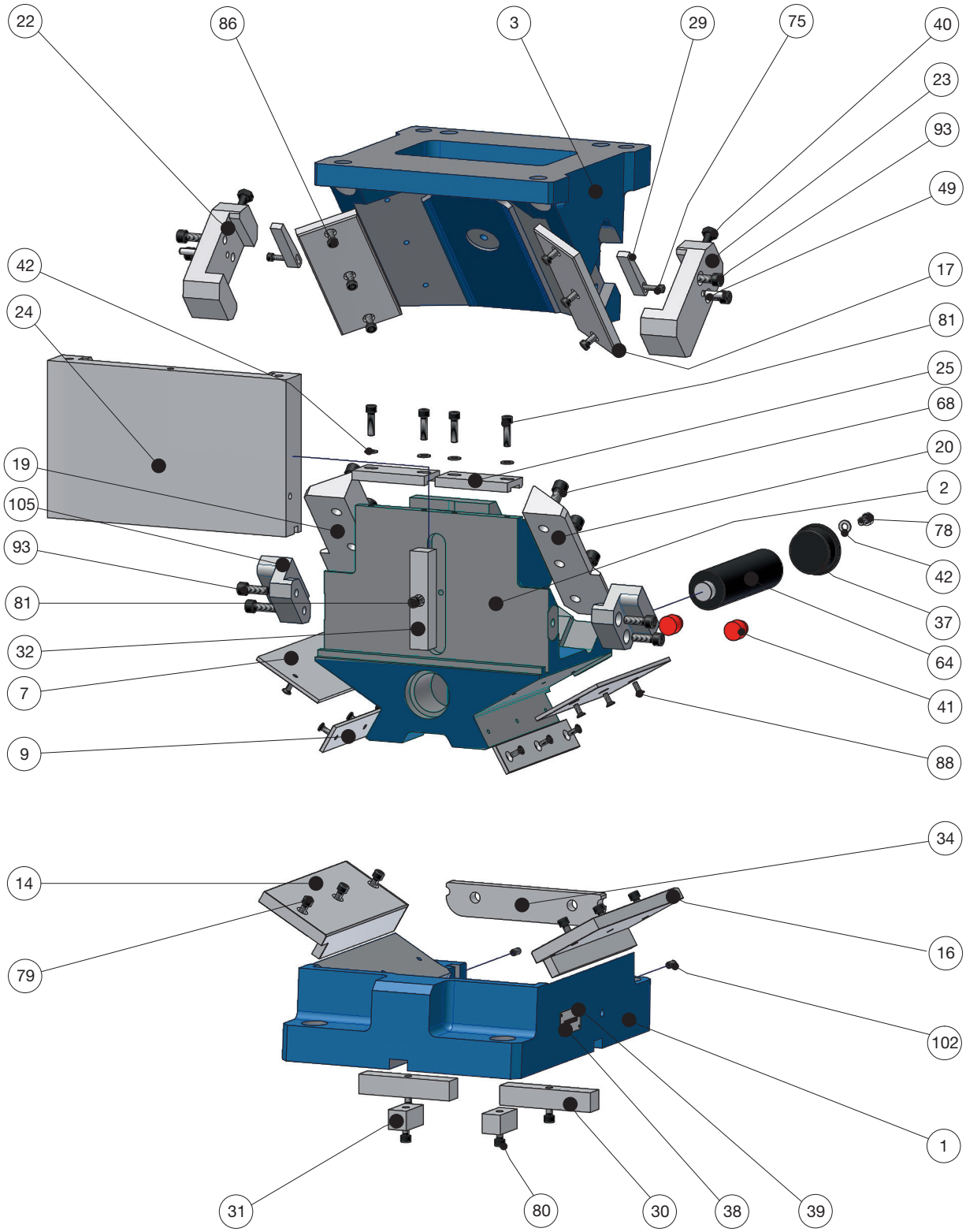
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	406	395	416	405	419	433
B	330	330	330	330	330	330
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,6	95,3	94,3	85,8	83,5	75,6
S2	77,7	71,1	76,4	70,9	75,3	70,8
Sz	57	57	57	57	57	57
H	375	375	375	375	375	375
B	330	330	330	330	330	330
b1	330	330	330	330	330	330
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180,00	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0330

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0330

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett links / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 1	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
64	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
68-93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
102	Stiftschraube / Stud screw / Boulon fileté	SN 3600 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

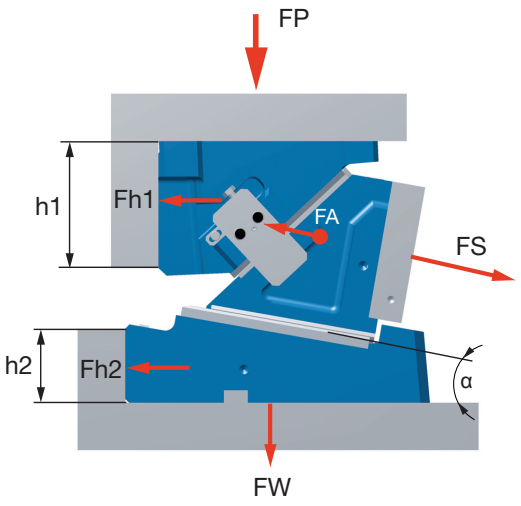
D 1801C 01.2019

SN5650-PMU-0330

Kraftverteilung | Force Distribution | Distribution de force

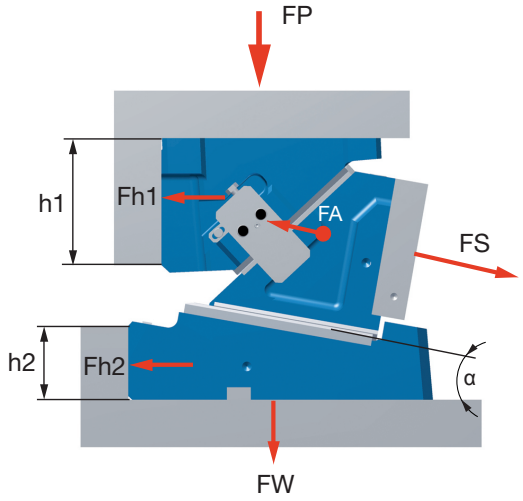
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	677	616	684	616	-7	200	60	6
05°	703	645	656	582	61	195	83	6
10°	728	673	628	547	129	190	105	6
15°	751	700	598	504	231	178	128	6
20°	774	726	567	461	333	165	150	6
25°	774	773	502	446	499	150	170	6



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1166	1057	1173	1057	-7	200	60	76
05°	1210	1106	1125	997	110	195	83	79
10°	1254	1155	1077	937	227	190	105	82
15°	1293	1200	1025	863	402	178	128	82
20°	1332	1245	972	789	578	165	150	81
25°	1332	1325	860	762	862	150	170	81



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

D 1801C 01.2019

SN5650-PMU-0330 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0330-0°-B-N/Z

95	110	134	**170**	**231**	**360**	**231**	**170**	134	110	95
97	113	138	**178**	**249**	**412**	**249**	**178**	138	113	97
100	116	143	**187**	**267**	**468**	**267**	**187**	143	116	100
104	120	149	**196**	**288**	**536**	**288**	**196**	149	120	104
107	124	155	**208**	**312**	**628**	**312**	**208**	155	124	107
104	121	151	**202**	**304**	**610**	**304**	**202**	151	121	104
100	117	145	**191**	**280**	**521**	**280**	**191**	145	117	100
97	113	139	**181**	**260**	**455**	**260**	**181**	139	113	97
95	110	135	**174**	**242**	**398**	**242**	**174**	135	110	95
92	106	129	**164**	**223**	**347**	**223**	**164**	129	106	92

10 x 20 | 200

11 x 30

330

95	110	134	**170**	**231**	**360**	**231**	**170**	134	110	95
97	113	138	**178**	**249**	**412**	**249**	**178**	138	113	97
100	116	143	**187**	**267**	**468**	**267**	**187**	143	116	100
104	120	149	**196**	**288**	**536**	**288**	**196**	149	120	104
107	124	155	**208**	**312**	**628**	**312**	**208**	155	124	107
104	121	151	**202**	**304**	**610**	**304**	**202**	151	121	104
100	117	145	**191**	**280**	**521**	**280**	**191**	145	117	100
97	113	139	**181**	**260**	**455**	**260**	**181**	139	113	97
95	110	135	**174**	**242**	**398**	**242**	**174**	135	110	95
92	106	129	**164**	**223**	**347**	**223**	**164**	129	106	92

● F max. = 677 kN

SN5650-PMU-0330-10°-B-N/Z

101	111	135	**171**	**234**	**365**	**234**	**171**	135	111	101
103	114	140	**181**	**254**	**424**	**254**	**181**	140	114	103
106	117	144	**189**	**273**	**491**	**273**	**189**	144	117	106
110	121	150	**199**	**295**	**567**	**295**	**199**	150	121	110
114	125	157	**211**	**321**	**671**	**321**	**211**	157	125	114
110	122	153	**205**	**312**	**653**	**312**	**205**	153	122	110
106	117	146	**194**	**287**	**552**	**287**	**194**	146	117	106
103	114	141	**185**	**266**	**477**	**266**	**185**	141	114	103
101	111	136	**176**	**246**	**408**	**246**	**176**	136	111	101
101	110	133	**169**	**230**	**357**	**230**	**169**	133	110	101

10 x 20 | 200

11 x 30

330

101	111	135	**171**	**234**	**365**	**234**	**171**	135	111	101
103	114	140	**181**	**254**	**424**	**254**	**181**	140	114	103
106	117	144	**189**	**273**	**491**	**273**	**189**	144	117	106
110	121	150	**199**	**295**	**567**	**295**	**199**	150	121	110
114	125	157	**211**	**321**	**671**	**321**	**211**	157	125	114
110	122	153	**205**	**312**	**653**	**312**	**205**	153	122	110
106	117	146	**194**	**287**	**552**	**287**	**194**	146	117	106
103	114	141	**185**	**266**	**477**	**266**	**185**	141	114	103
101	111	136	**176**	**246**	**408**	**246**	**176**	136	111	101
101	110	133	**169**	**230**	**357**	**230**	**169**	133	110	101

● F max. = 728 kN

SN5650-PMU-0330-20°-B-N/Z

104	109	137	175	**235**	**358**	**235**	175	137	109	104
108	113	139	179	**249**	**409**	**249**	179	139	113	108
110	116	144	**189**	**272**	**483**	**272**	**189**	144	116	110
113	119	149	**198**	**293**	**567**	**293**	**198**	149	119	113
118	123	155	**209**	**319**	**671**	**319**	**209**	155	123	118
117	123	155	**210**	**327**	**731**	**327**	**210**	155	123	117
112	118	149	**199**	**300**	**607**	**300**	**199**	149	118	112
110	115	144	**190**	**277**	**516**	**277**	**190**	144	115	110
107	112	138	179	**254**	**434**	**254**	179	138	112	107
111	114	139	177	**241**	**378**	**241**	177	139	114	111

10 x 20 | 200

11 x 30

330

104	109	137	175	**235**	**358**	**235**	175	137	109	104
108	113	139	179	**249**	**409**	**249**	179	139	113	108
110	116	144	**189**	**272**	**483**	**272**	**189**	144	116	110
113	119	149	**198**	**293**	**567**	**293**	**198**	149	119	113
118	123	155	**209**	**319**	**633**	**319**	**209**	155	123	118
117	123	155	**210**	**327**	**633**	**327**	**210**	155	123	117
112	118	149	**199**	**300**	**607**	**300**	**199**	149	118	112
110	115	144	**190**	**277**	**516**	**277**	**190**	144	115	110
107	112	138	179	**254**	**434**	**254**	179	138	112	107
111	114	139	177	**241**	**378**	**241**	177	139	114	111

● F max. = 774 kN

D 1801C 01.2019

SN5650-PMU-0330 / Medium / Premium

Schieberkräfte	Cam Force	Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0330-0°-M/P-N/Z

145	158	194	250	**351**	**590**	**351**	250	194	158	145
145	166	209	**273**	**394**	**707**	**394**	**273**	209	166	145
145	170	219	**292**	**428**	**802**	**428**	**292**	219	170	145
151	178	228	**306**	**460**	**919**	**460**	**306**	228	178	151
158	181	238	**322**	**496**	**1076**	**496**	**322**	238	181	158
153	181	234	**317**	**488**	**1058**	**488**	**317**	234	181	153
147	174	224	**301**	**452**	**904**	**452**	**301**	224	174	147
143	167	214	**287**	**421**	**789**	**421**	**287**	214	167	143
143	162	202	265	**383**	**692**	**383**	265	202	162	143
143	151	185	238	**336**	**567**	**336**	238	185	151	143

10 x 20 / 200

11 x 30 / 330

● F max. = 1166 kN

145	158	194	250	**351**	**590**	**351**	250	194	158	145
145	166	209	**273**	**394**	**707**	**394**	**273**	209	166	145
145	170	219	**292**	**428**	**802**	**428**	**292**	219	170	145
151	178	228	**306**	**460**	**919**	**460**	**306**	228	178	151
158	185	238	**322**	**496**	**1076**	**496**	**322**	238	185	158
153	181	234	**317**	**488**	**1058**	**488**	**317**	234	181	153
147	174	224	**301**	**452**	**904**	**452**	**301**	224	174	147
143	167	214	**287**	**421**	**789**	**421**	**287**	214	167	143
143	162	202	265	**383**	**692**	**383**	265	202	162	143
143	151	185	238	**336**	**567**	**336**	238	185	151	143

SN5650-PMU-0330-10°-M/P-N/Z

134	156	188	242	**339**	**568**	**339**	242	188	156	134
143	164	206	270	**392**	**720**	**392**	270	206	164	143
154	167	218	**294**	**436**	**845**	**436**	**294**	218	167	154
154	175	228	**310**	**470**	**972**	**470**	**310**	228	175	154
154	182	239	**326**	**508**	**1149**	**508**	**326**	239	182	154
154	178	234	**321**	**500**	**1130**	**500**	**321**	234	178	154
154	171	224	**305**	**463**	**956**	**463**	**305**	224	171	154
147	166	213	286	**426**	**831**	**426**	286	213	166	147
136	159	198	260	**380**	**699**	**380**	260	198	159	136
129	149	176	227	**320**	**537**	**320**	227	176	149	129

10 x 20 / 200

11 x 30 / 330

● F max. = 1254 kN

134	156	188	242	**339**	**568**	**339**	242	188	156	134
143	164	206	270	**392**	**720**	**392**	270	206	164	143
154	167	218	**294**	**436**	**845**	**436**	**294**	218	167	154
154	175	228	**310**	**470**	**972**	**470**	**310**	228	175	154
154	182	239	**326**	**501**	**1041**	**501**	**326**	239	182	154
154	178	234	**321**	**500**	**1041**	**500**	**321**	234	178	154
154	171	224	**305**	**463**	**956**	**463**	**305**	224	171	154
147	166	213	286	**426**	**831**	**426**	286	213	166	147
136	159	198	260	**380**	**699**	**380**	260	198	159	136
129	149	176	227	**320**	**537**	**320**	227	176	149	129

SN5650-PMU-0330-20°-M/P-N/Z

125	157	173	219	298	**470**	298	219	173	157	125
132	170	195	255	**368**	**662**	**368**	255	195	170	132
140	170	212	284	**422**	**831**	**422**	284	212	170	140
147	170	223	306	**467**	**972**	**467**	306	223	170	147
147	178	234	**323**	**504**	**1149**	**504**	**323**	234	178	147
147	178	236	**328**	**521**	**1265**	**521**	**328**	236	178	147
147	170	225	311	**480**	**1051**	**480**	311	225	170	147
140	170	214	290	**440**	**902**	**440**	290	214	170	140
131	170	197	262	**387**	**742**	**387**	262	197	170	131
124	157	174	225	**320**	**551**	**320**	225	174	157	124

10 x 20 / 200

11 x 30 / 330

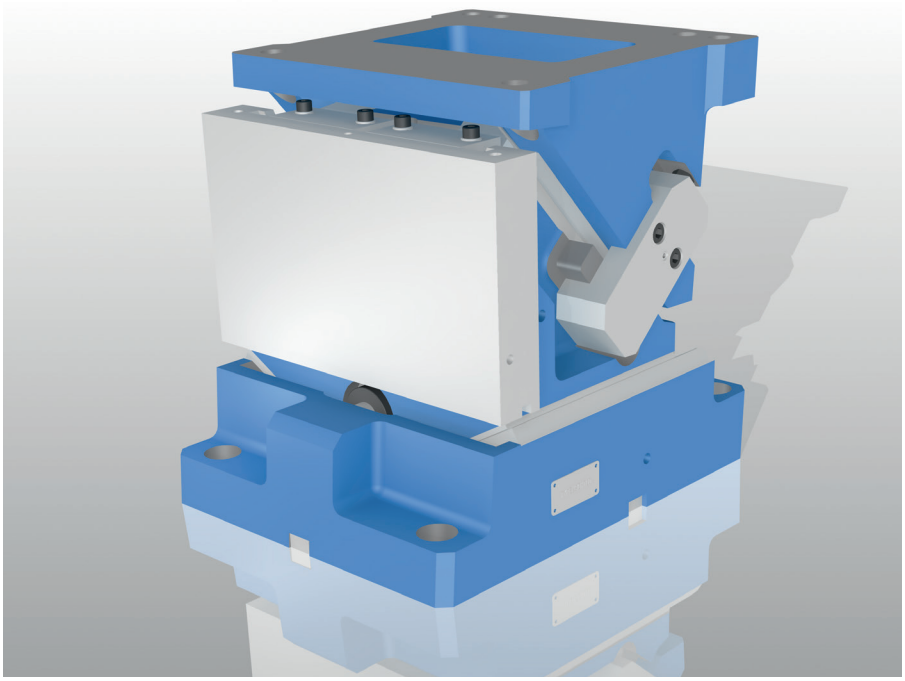
● F max. = 1332 kN

125	157	173	219	298	**470**	298	219	173	157	125
132	170	195	255	**366**	**633**	**366**	255	195	170	132
140	170	207	266	**374**	**633**	**374**	266	207	170	140
147	170	213	273	**382**	**633**	**382**	273	213	170	147
147	178	213	273	**382**	**633**	**382**	273	213	178	147
147	178	213	273	**382**	**633**	**382**	273	213	178	147
147	170	213	273	**382**	**633**	**382**	273	213	170	147
140	170	208	268	**377**	**633**	**377**	268	208	170	140
131	170	197	260	**369**	**633**	**369**	260	197	170	131
124	157	174	225	**320**	**551**	**320**	225	174	157	124

D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0400



Mat.: EN-GJS-600-3 (GGG 60)

Arbeitsfläche	Working Area:	Plan de travail:
400 mm x 200 mm	400 mm x 200 mm	400 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max..:
400 mm	400 mm	400 mm
Einbauhöhe:	Installation height :	Hauteur de montage:
300 mm	300 mm	300 mm
Presskraft:	Press force:	Force de pressage:
1386 kN	1386 kN	1386 kN

PMU-0400

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

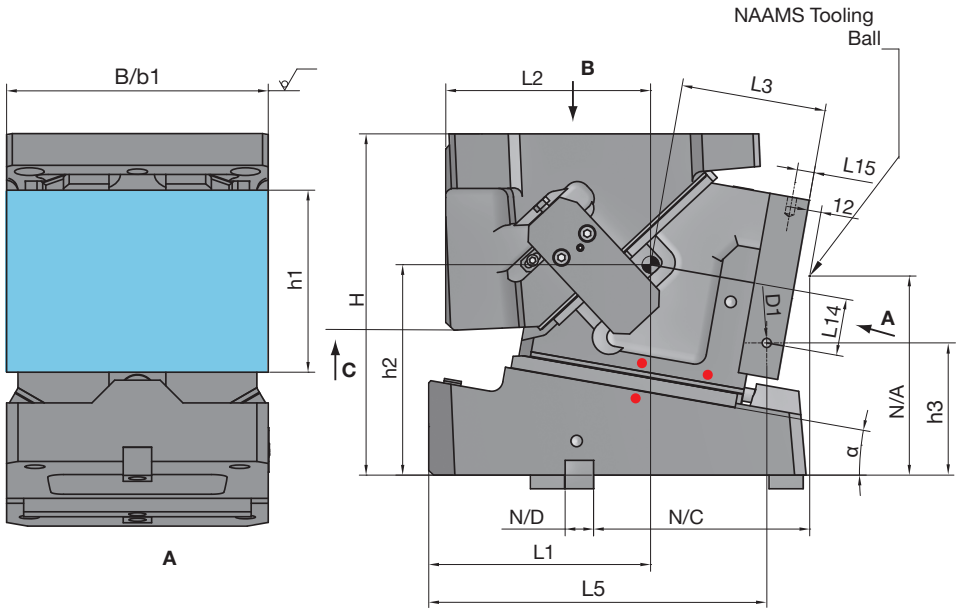
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 4x - M20 - 70 4x - M24 - 90	**Anzahl / Quantity / Nombre - d - l** 4x - M20 - 50 4x - M24 - 65
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 150 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 150 x 25 x 25

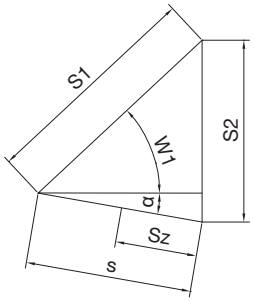
D 1801C 01.2019

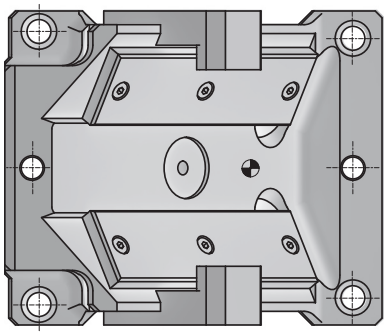
Unten stehender Normschieber SN5650-PMU-0400

Die mount cam unit SN5650-PMU-0400

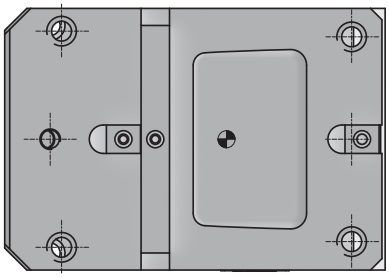
Coulisseau monté en bas SN5650-PMU-0400







C



B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	
> 805	> 1368	> 1368	6	96	-

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0400

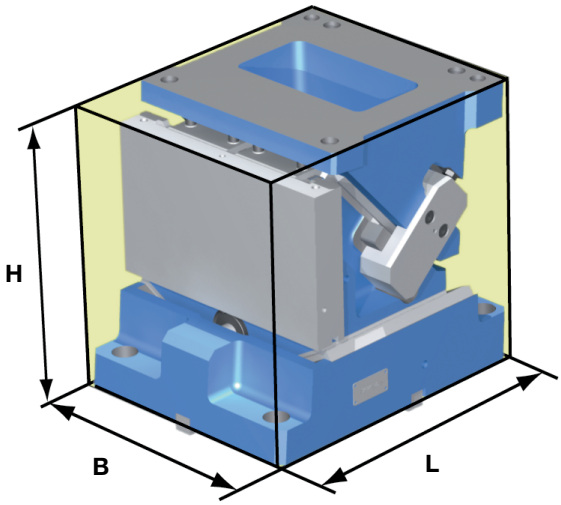
SN5650-PMU-0400-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



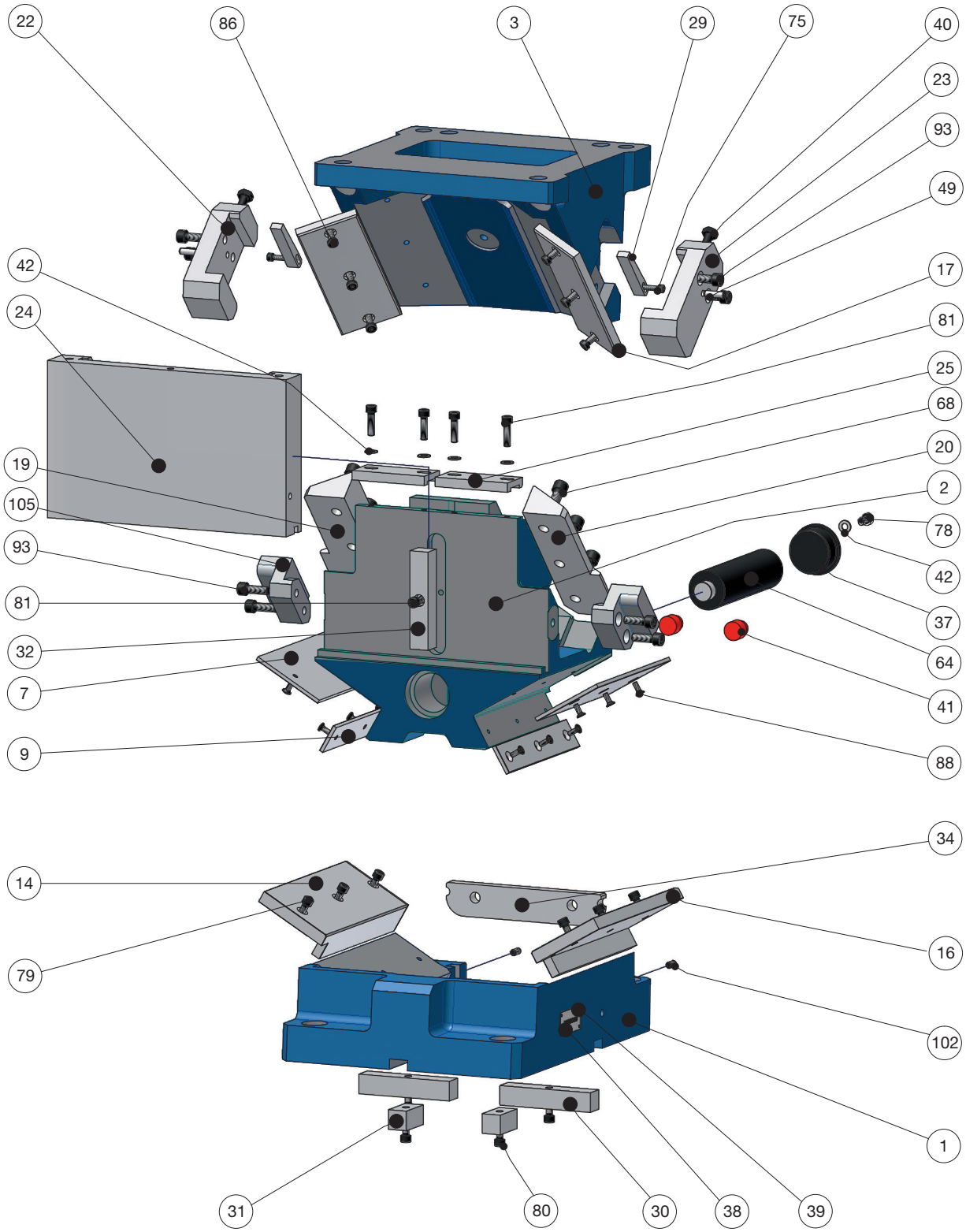
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	405	395	415	405	419	433
B	400	400	400	400	400	400
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,61	95,35	94,26	85,80	83,47	75,65
S2	77,74	71,13	76,44	70,94	75,33	70,78
Sz	57	57	57	57	57	57
H	375	375	375	375	375	375
B	400	400	400	400	400	400
b1	400	400	400	400	400	400
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,50	127,50	127,50	127,50	127,50	127,50
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0400

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0400

Stückliste | List of items | Liste des pièces

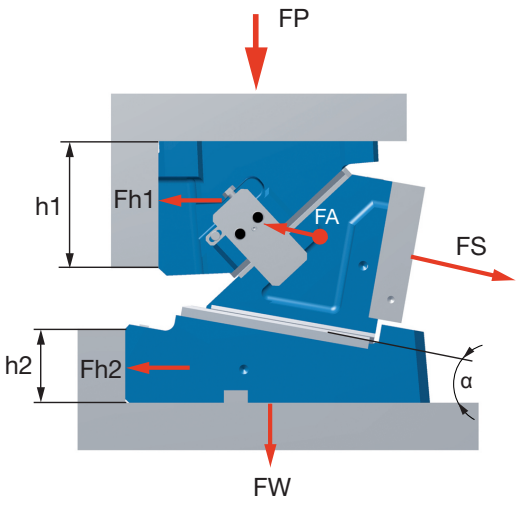
Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett links / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 1	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
64	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
68-93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
102	Stiftschraube / Stud screw / Boulon fileté	SN3600 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

D 1801C 01.2019

Kraftverteilung | Force Distribution | Distribution de force

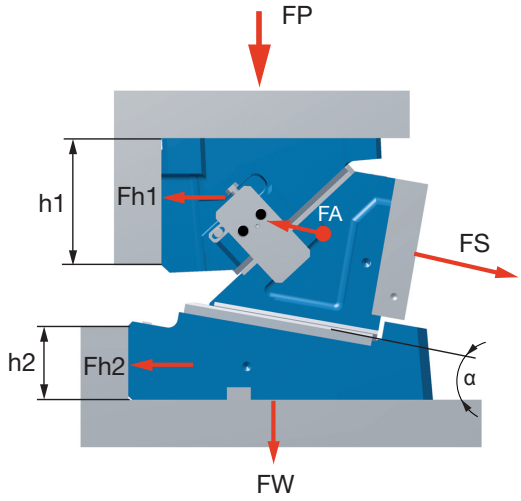
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	805	731	812	731	-7	200	60	6
05°	836	766	779	690	74	195	80	6
10°	866	800	746	649	155	190	100	6
15°	893	831	710	598	276	190	125	6
20°	920	862	673	547	397	190	150	6
25°	920	917	596	528	594	155	170	6



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1386	1255	1393	1255	-7	200	60	96
05°	1438	1313	1336	1184	132	195	80	101
10°	1490	1371	1279	1113	271	190	100	105
15°	1537	1425	1217	1024	479	190	125	105
20°	1583	1478	1155	936	688	190	150	105
25°	1583	1573	1021	904	1025	155	170	105



α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

SN5650-PMU-00400 / Basis

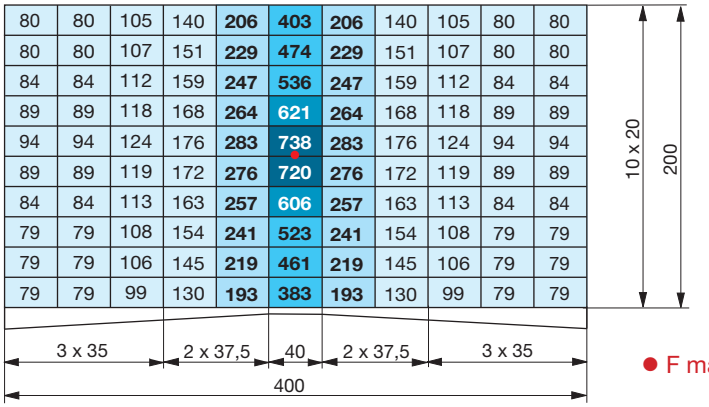
Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0400-0°-B-N/Z

80	80	105	140	**206**	**403**	**206**	140	105	80	80
80	80	107	151	**229**	**474**	**229**	151	107	80	80
84	84	112	159	**247**	**536**	**247**	159	112	84	84
89	89	118	168	**264**	**621**	**264**	168	118	89	89
94	94	124	176	**283**	**738**	**283**	176	124	94	94
89	89	119	172	**276**	**720**	**276**	172	119	89	89
84	84	113	163	**257**	**606**	**257**	163	113	84	84
79	79	108	154	**241**	**523**	**241**	154	108	79	79
79	79	106	145	**219**	**461**	**219**	145	106	79	79
79	79	99	130	**193**	**383**	**193**	130	99	79	79

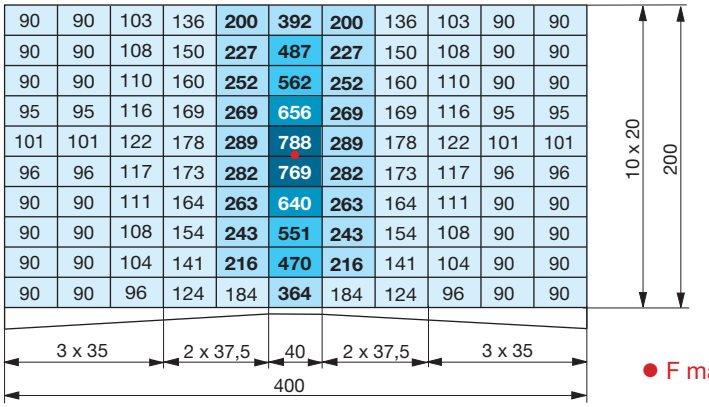


80	80	105	140	**206**	**403**	**206**	140	105	80	80
80	80	107	151	**229**	**474**	**229**	151	107	80	80
84	84	112	159	**247**	**536**	**247**	159	112	84	84
89	89	118	168	**264**	**621**	**264**	168	118	89	89
94	94	124	176	**283**	**738**	**283**	176	124	94	94
89	89	119	172	**276**	**720**	**276**	172	119	89	89
84	84	113	163	**257**	**606**	**257**	163	113	84	84
79	79	108	154	**241**	**523**	**241**	154	108	79	79
79	79	106	145	**219**	**461**	**219**	145	106	79	79
79	79	99	130	**193**	**383**	**193**	130	99	79	79

● F max. = 805 kN

SN5650-PMU-0400-10°-B-N/Z

90	90	103	136	**200**	**392**	**200**	136	103	90	90
90	90	108	150	**227**	**487**	**227**	150	108	90	90
90	90	110	160	**252**	**562**	**252**	160	110	90	90
95	95	116	169	**269**	**656**	**269**	169	116	95	95
101	101	122	178	**289**	**788**	**289**	178	122	101	101
96	96	117	173	**282**	**769**	**282**	173	117	96	96
90	90	111	164	**263**	**640**	**263**	164	111	90	90
90	90	108	154	**243**	**551**	**243**	154	108	90	90
90	90	104	141	**216**	**470**	**216**	141	104	90	90
90	90	96	124	184	**364**	184	124	96	90	90

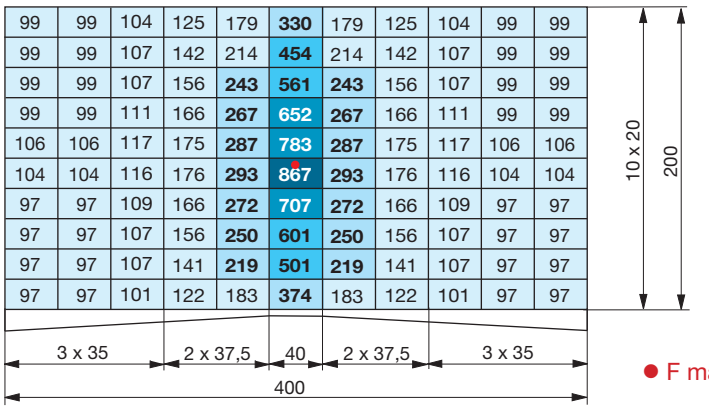


90	90	103	136	**200**	**392**	**200**	136	103	90	90
90	90	108	150	**227**	**487**	**227**	150	108	90	90
90	90	110	160	**252**	**562**	**252**	160	110	90	90
95	95	116	169	**269**	**656**	**269**	169	116	95	95
101	101	122	178	**289**	**788**	**289**	178	122	101	101
96	96	117	173	**282**	**769**	**282**	173	117	96	96
90	90	111	164	**263**	**640**	**263**	164	111	90	90
90	90	108	154	**243**	**551**	**243**	154	108	90	90
90	90	104	141	**216**	**470**	**216**	141	104	90	90
90	90	96	124	184	**364**	184	124	96	90	90

● F max. = 866 kN

SN5650-PMU-0400-20°-B-N/Z

99	99	104	125	179	**330**	179	125	104	99	99
99	99	107	142	214	**454**	214	142	107	99	99
99	99	107	156	**243**	**561**	**243**	156	107	99	99
99	99	111	166	**267**	**652**	**267**	166	111	99	99
106	106	117	175	**287**	**783**	**287**	175	117	106	106
104	104	116	176	**293**	**867**	**293**	176	116	104	104
97	97	109	166	**272**	**707**	**272**	166	109	97	97
97	97	107	156	**250**	**601**	**250**	156	107	97	97
97	97	107	141	**219**	**501**	**219**	141	107	97	97
97	97	101	122	183	**374**	183	122	101	97	97



99	99	104	125	179	**330**	179	125	104	99	99
99	99	107	142	214	**454**	214	142	107	99	99
99	99	107	156	**243**	**561**	**243**	156	107	99	99
99	99	111	166	**267**	**652**	**267**	166	111	99	99
106	106	117	175	**287**	**755**	**287**	175	117	106	106
104	104	116	176	**293**	**755**	**293**	176	116	104	104
97	97	109	166	**272**	**707**	**272**	166	109	97	97
97	97	107	156	**250**	**601**	**250**	156	107	97	97
97	97	107	141	**219**	**501**	**219**	141	107	97	97
97	97	101	122	183	**374**	183	122	101	97	97

● F max. = 920 kN

D 1801C 01.2019

SN5650-PMU-0400 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0400-0°-M/P-N/Z

147	147	179	237	**348**	**648**	**348**	237	179	147	147
147	147	185	258	**390**	**790**	**390**	258	185	147	147
147	147	191	272	**423**	**852**	**423**	272	191	147	147
156	156	200	287	**452**	**1048**	**452**	287	200	156	156
164	164	210	302	**485**	**1264**	**485**	302	210	164	164
159	159	206	297	**478**	**1246**	**478**	297	206	159	159
151	151	196	282	**445**	**1027**	**445**	282	196	151	151
142	142	185	267	**417**	**834**	**417**	267	185	142	142
142	142	183	251	**380**	**790**	**380**	251	183	142	142
142	142	172	227	**336**	**664**	**336**	227	172	142	142

10 x 20 | 200

3 x 35 | 2 x 37,5 | 40 | 2 x 37,5 | 3 x 35

400

147	147	179	237	**348**	**648**	**348**	237	179	147	147
147	147	185	258	**390**	**790**	**390**	258	185	147	147
147	147	191	272	**423**	**852**	**423**	272	191	147	147
156	156	200	287	**452**	**1048**	**452**	287	200	156	156
164	164	210	302	**485**	**1264**	**485**	302	210	164	164
159	159	206	297	**478**	**1246**	**478**	297	206	159	159
151	151	196	282	**445**	**1027**	**445**	282	196	151	151
142	142	185	267	**417**	**834**	**417**	267	185	142	142
142	142	183	251	**380**	**790**	**380**	251	183	142	142
142	142	172	227	**336**	**664**	**336**	227	172	142	142

● F max. = 1386 kN

SN5650-PMU-0400-10°-M/P-N/Z

157	157	177	229	336	**661**	336	229	177	157	157
157	157	184	255	**387**	**832**	**387**	255	184	157	157
157	157	185	272	**431**	**945**	**431**	272	185	157	157
167	167	196	288	**461**	**1123**	**461**	288	196	167	167
177	177	207	304	**495**	**1349**	**495**	304	207	177	177
171	171	202	299	**488**	**1330**	**488**	299	202	171	171
161	161	191	283	**455**	**1107**	**455**	283	191	161	161
161	161	185	267	**422**	**946**	**422**	267	185	161	161
161	161	180	245	**375**	**814**	**375**	245	180	161	161
154	161	171	215	320	**632**	320	215	171	161	154

10 x 20 | 200

3 x 35 | 2 x 37,5 | 40 | 2 x 37,5 | 3 x 35

400

157	157	177	229	336	**661**	336	229	177	157	157
157	157	184	255	**387**	**832**	**387**	255	184	157	157
157	157	185	272	**431**	**945**	**431**	272	185	157	157
167	167	196	288	**461**	**1123**	**461**	288	196	167	167
177	177	207	304	**488**	**1240**	**488**	304	207	177	177
171	171	202	299	**488**	**1240**	**488**	299	202	171	171
161	161	191	283	**455**	**1107**	**455**	283	191	161	161
161	161	185	267	**422**	**946**	**422**	267	185	161	161
161	161	180	245	**375**	**814**	**375**	245	180	161	161
154	161	171	215	320	**632**	320	215	171	161	154

● F max. = 1490 kN

SN5650-PMU-0400-20°-M/P-N/Z

145	173	178	207	298	**547**	298	207	178	173	145
156	173	184	239	361	**770**	361	239	184	173	156
171	173	184	265	**414**	**960**	**414**	265	184	173	171
173	173	186	282	**458**	**1116**	**458**	282	186	173	173
181	184	197	299	**491**	**1340**	**491**	299	197	184	181
181	186	199	304	**507**	**1499**	**507**	304	199	186	181
174	174	187	287	**471**	**1222**	**471**	287	187	174	174
172	174	183	270	**433**	**1039**	**433**	270	183	174	172
156	174	183	246	**381**	**868**	**381**	246	183	174	156
145	174	180	213	319	**652**	319	213	180	174	145

10 x 20 | 200

3 x 35 | 2 x 37,5 | 40 | 2 x 37,5 | 3 x 35

400

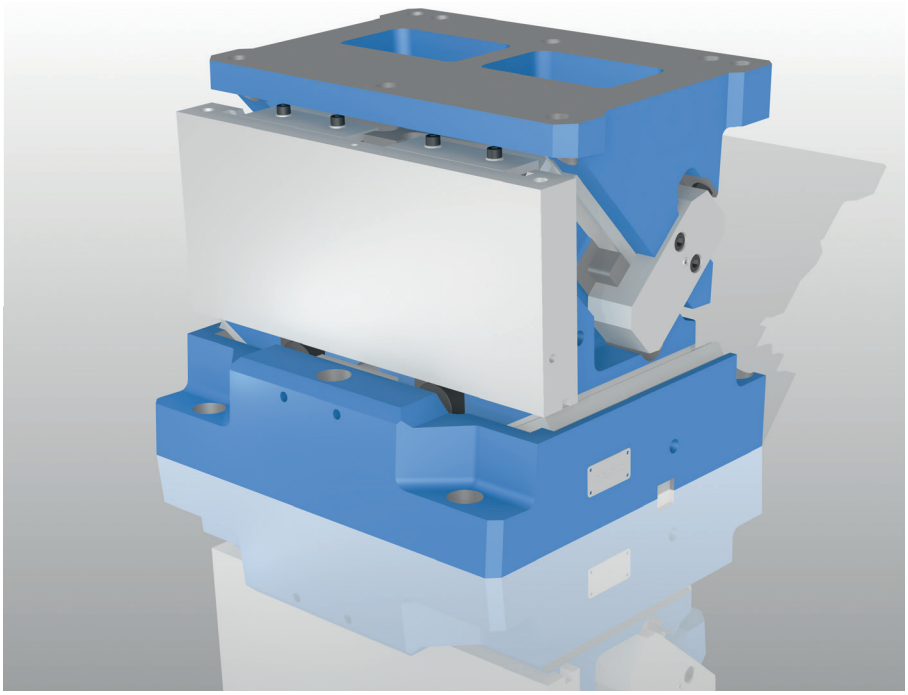
145	173	178	207	298	**547**	298	207	178	173	145
156	173	184	239	361	**755**	361	239	184	173	156
171	173	184	261	**383**	**755**	**383**	261	184	173	171
173	173	186	270	**395**	**755**	**395**	270	186	173	173
181	184	197	270	**395**	**755**	**395**	270	197	184	181
181	186	199	270	**395**	**755**	**395**	270	199	186	181
174	174	187	270	**395**	**755**	**395**	270	187	174	174
172	174	183	264	**389**	**755**	**389**	264	183	174	172
156	174	183	246	373	**755**	373	246	183	174	156
145	174	180	213	319	**652**	319	213	180	174	145

● F max. = 1583 kN

D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0460



Mat.: EN-GJS-600-3 (GGG 60)

Arbeitsfläche:	Working Area:	Plan de travail:
460 mm x 200 mm	460 mm x 200 mm	460 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
460 mm	460 mm	460 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
1250 kN	1250 kN	1250 kN

PMU-0460

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

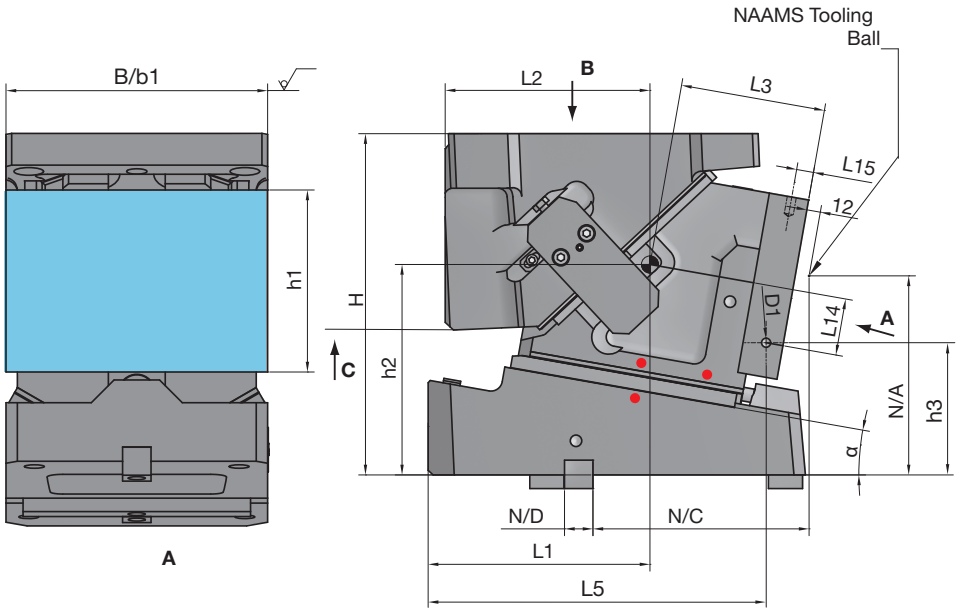
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 6x - M20 - 70 4x - M24 - 90	**Anzahl / Quantity / Nombre - d - l** 6x - M20 - 50 4x - M24 - 65
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 125 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 125 x 25 x 25

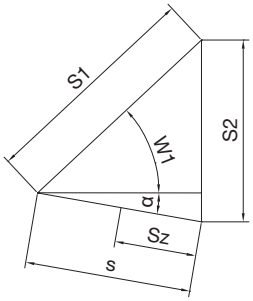
D 1801C 01.2019

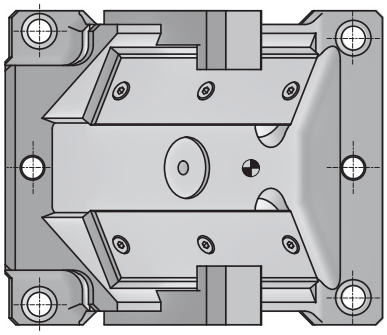
Unten stehender Normschieber SN5650-PMU-0460

Die mount cam unit SN5650-PMU-0460

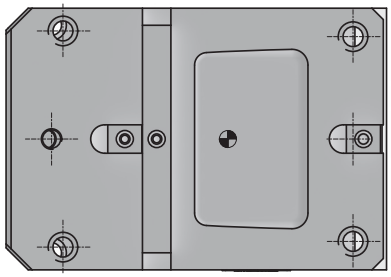
Coulisseau monté en bas SN5650-PMU-0460







C



B

Gusstoleranzgrad CT
nach DIN ISO 8062
(blau = Rohgussfläche)

Casting tolerance grade CT according to DIN ISO 8062
(blue = raw casting area)

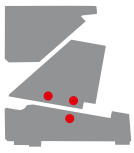
Degré de tolérance de coulée CT selon DIN ISO 8062
(bleu = zone de coulée brute)

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

SN5652-PMU-Type 1

zusätzliche Gasdruckfeder/
additional gas spring /
additionnel ressort à gaz

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	+ SN5652-PMU-Type
> 848	> 1442	> 1442	6	62	77

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0460

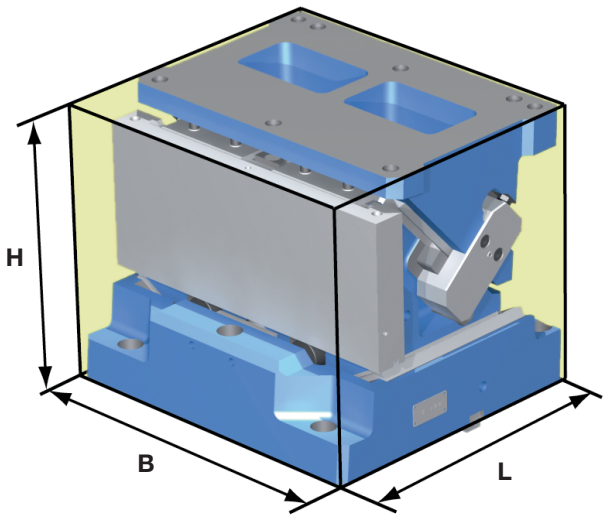
SN5650-PMU-0460-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



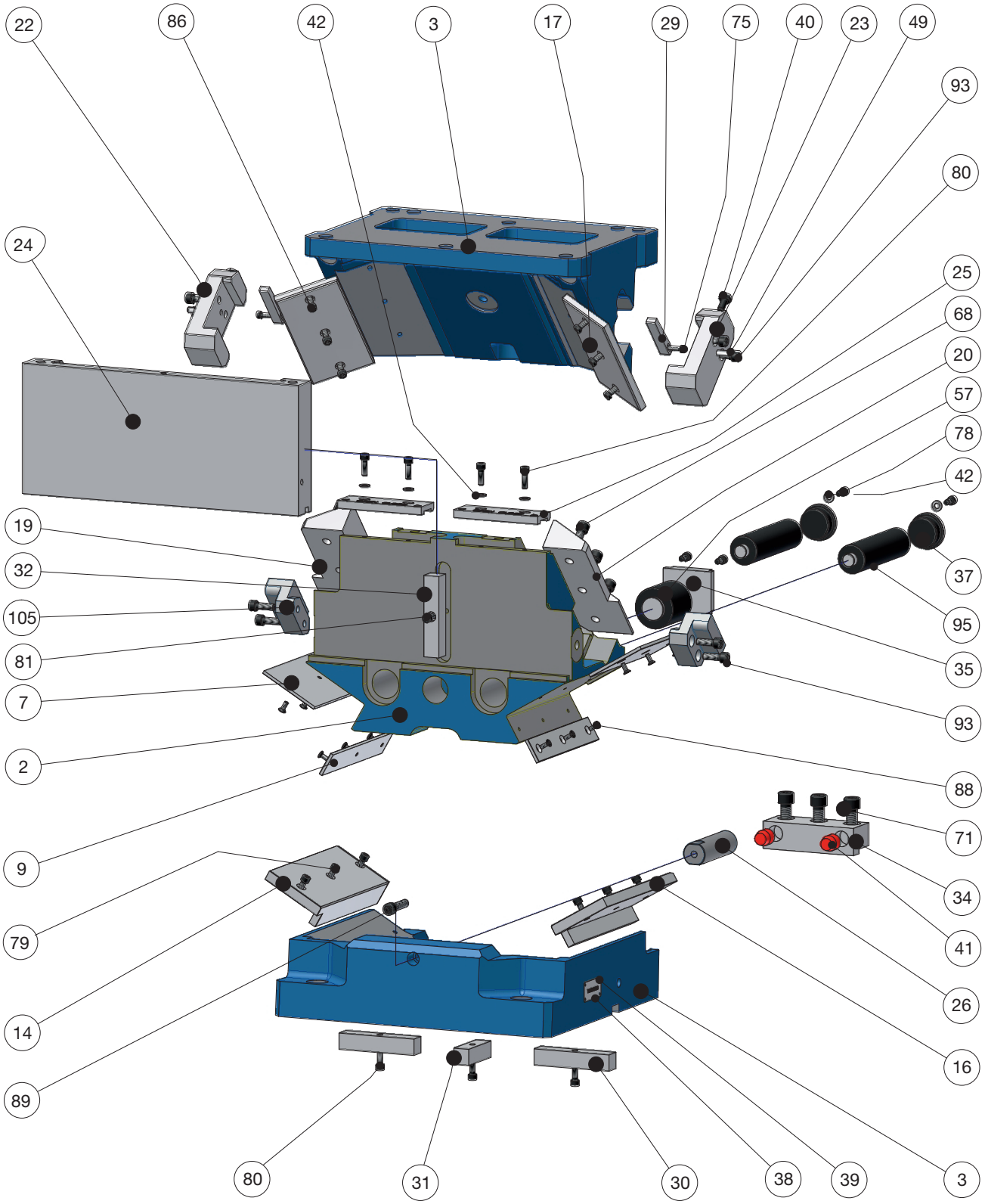
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	406	395	416	405	419	433
B	460	460	460	460	460	460
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
s	70	70	70	70	70	70
S1	104,6	95,3	94,3	85,8	83,5	75,6
S2	77,7	71,1	76,4	70,9	75,3	70,8
Sz	57	57	57	57	57	57
H	375	375	375	375	375	375
B	460	460	460	460	460	460
b1	460	460	460	460	460	460
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180,00	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0460

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0460

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
26	Distanzen / Distances / Distances	SN5650-PMU-DSV-V01
27	Gleitplatte Schieber-Treiber Mitte / Guideplate slider-driver centre / Plaque de frottement coulisseau-propulseur centre	SN5650-PMU-HGF ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder / Fitting key / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder / Fitting key / Clavette 1	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PM-SA ...
35	Schieberverschluss / Slide catch / Bouchon du coulisseau	SN5650-PMU-SV-V01
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
57	Gasdruckfeder / Gas spring / Ressort à gaz	SN2808 ...
68-89	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
88	Senkkopfschraube / Flat head screw / Vis à tête	SN3550 ...
93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ...
95	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

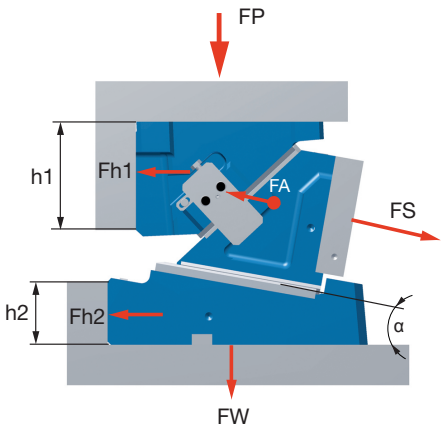
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SN5650-PMU-0460

Kraftverteilung | Force Distribution | Distribution de force

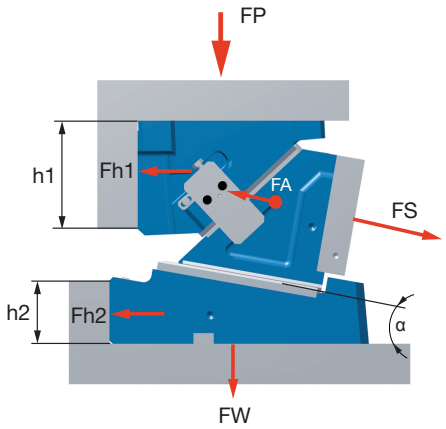
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	848	770	855	770	-7	200	55	6
05°	880	806	820	727	78	195	80	6
10°	912	842	785	684	164	190	105	6
15°	941	875	747	630	291	180	128	6
20°	969	907	709	576	419	170	150	6
25°	969	966	627	556	626	155	170	6



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN] Standard	+ SN5652
00°	1442	1320	1466	1320	-24	200	55	62	77
05°	1497	1382	1406	1247	122	195	80	69	84
10°	1552	1444	1346	1174	268	190	105	75	90
15°	1601	1500	1281	1083	486	180	128	71	86
20°	1650	1556	1216	992	705	170	150	67	82
25°	1650	1656	1075	959	1058	155	170	67	82



SN5652-Type

zusätzliche Gasdruckfeder /
additional gas spring / additionnel ressort à gaz

SN5652-Type 1

optional erhältlich / optional available
optionnel disponible

α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

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SN5650-PMU-00460 / Basis

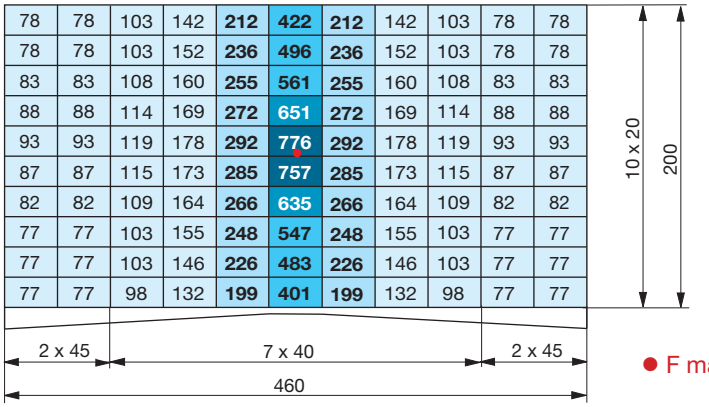
Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0460-0°-B-N/Z

78	78	103	142	**212**	**422**	**212**	142	103	78	78
78	78	103	152	**236**	**496**	**236**	152	103	78	78
83	83	108	160	**255**	**561**	**255**	160	108	83	83
88	88	114	169	**272**	**651**	**272**	169	114	88	88
93	93	119	178	**292**	**776**	**292**	178	119	93	93
87	87	115	173	**285**	**757**	**285**	173	115	87	87
82	82	109	164	**266**	**635**	**266**	164	109	82	82
77	77	103	155	**248**	**547**	**248**	155	103	77	77
77	77	103	146	**226**	**483**	**226**	146	103	77	77
77	77	98	132	**199**	**401**	**199**	132	98	77	77

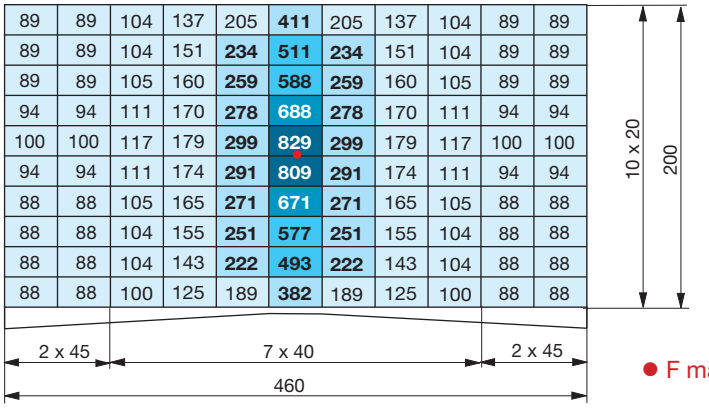


78	78	103	142	**212**	**422**	**212**	142	103	78	78
78	78	103	152	**236**	**496**	**236**	152	103	78	78
83	83	108	160	**255**	**561**	**255**	160	108	83	83
88	88	114	169	**272**	**651**	**272**	169	114	88	88
93	93	119	178	**292**	**776**	**292**	178	119	93	93
87	87	115	173	**285**	**757**	**285**	173	115	87	87
82	82	109	164	**266**	**635**	**266**	164	109	82	82
77	77	103	155	**248**	**547**	**248**	155	103	77	77
77	77	103	146	**226**	**483**	**226**	146	103	77	77
77	77	98	132	**199**	**401**	**199**	132	98	77	77

● F max. = 848 kN

SN5650-PMU-0460-10°-B-N/Z

89	89	104	137	205	**411**	205	137	104	89	89
89	89	104	151	**234**	**511**	**234**	151	104	89	89
89	89	105	160	**259**	**588**	**259**	160	105	89	89
94	94	111	170	**278**	**688**	**278**	170	111	94	94
100	100	117	179	**299**	**829**	**299**	179	117	100	100
94	94	111	174	**291**	**809**	**291**	174	111	94	94
88	88	105	165	**271**	**671**	**271**	165	105	88	88
88	88	104	155	**251**	**577**	**251**	155	104	88	88
88	88	104	143	**222**	**493**	**222**	143	104	88	88
88	88	100	125	189	**382**	189	125	100	88	88

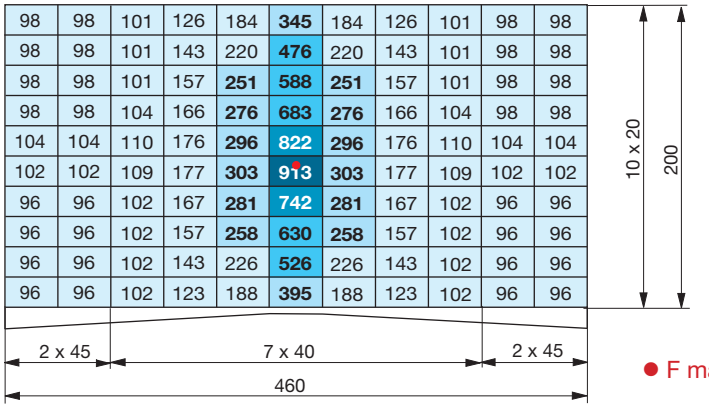


89	89	104	137	205	**411**	205	137	104	89	89
89	89	104	151	**234**	**511**	**234**	151	104	89	89
89	89	105	160	**259**	**588**	**259**	160	105	89	89
94	94	111	170	**278**	**688**	**278**	170	111	94	94
100	100	117	179	**299**	**829**	**299**	179	117	100	100
94	94	111	174	**291**	**809**	**291**	174	111	94	94
88	88	105	165	**271**	**671**	**271**	165	105	88	88
88	88	104	155	**251**	**577**	**251**	155	104	88	88
88	88	104	143	**222**	**493**	**222**	143	104	88	88
88	88	100	125	189	**382**	189	125	100	88	88

● F max. = 912 kN

SN5650-PMU-0460-20°-B-N/Z

98	98	101	126	184	**345**	184	126	101	98	98
98	98	101	143	220	**476**	220	143	101	98	98
98	98	101	157	**251**	**588**	**251**	157	101	98	98
98	98	104	166	**276**	**683**	**276**	166	104	98	98
104	104	110	176	**296**	**822**	**296**	176	110	104	104
102	102	109	177	**303**	**913**	**303**	177	109	102	102
96	96	102	167	**281**	**742**	**281**	167	102	96	96
96	96	102	157	**258**	**630**	**258**	157	102	96	96
96	96	102	143	226	**526**	226	143	102	96	96
96	96	102	123	188	**395**	188	123	102	96	96



98	98	101	126	184	**345**	184	126	101	98	98
98	98	101	143	220	**476**	220	143	101	98	98
98	98	101	157	**251**	**588**	**251**	157	101	98	98
98	98	104	166	**276**	**633**	**276**	166	104	98	98
104	104	110	176	**296**	**633**	**296**	176	110	104	104
102	102	109	177	**303**	**633**	**303**	177	109	102	102
96	96	102	167	**281**	**633**	**281**	167	102	96	96
96	96	102	157	**258**	**630**	**258**	157	102	96	96
96	96	102	143	226	**526**	226	143	102	96	96
96	96	102	123	188	**395**	188	123	102	96	96

● F max. = 969 kN

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SN5650-PMU-0460 / Medium / Premium

Schieberkräfte	Cam Force	Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0460-0°-M/P-N/Z

122	122	179	250	**372**	**736**	**372**	250	179	122	122
129	129	184	264	**410**	**853**	**410**	264	184	129	129
137	137	192	278	**439**	**965**	**439**	278	192	137	137
144	144	201	293	**468**	**1120**	**468**	293	201	144	144
143	143	206	308	**502**	**1335**	**502**	308	206	143	143
134	134	196	292	**479**	**1273**	**479**	292	196	134	134
126	126	186	277	**447**	**1069**	**447**	277	186	126	126
126	126	179	262	**418**	**921**	**418**	262	179	126	126
126	126	176	245	**379**	**811**	**379**	245	176	126	126
126	126	163	220	332	**672**	332	220	163	126	126

10 x 20 | 200

2 x 45 | 7 x 40 | 2 x 45

460

● F max. = 1442 kN

122	122	179	250	**372**	**736**	**372**	250	179	122	122
129	129	184	264	**410**	**853**	**410**	264	184	129	129
137	137	192	278	**439**	**965**	**439**	278	192	137	137
144	144	201	293	**468**	**1120**	**468**	293	201	144	144
143	143	206	308	**502**	**1335**	**502**	308	206	143	143
134	134	196	292	**479**	**1273**	**479**	292	196	134	134
126	126	186	277	**447**	**1069**	**447**	277	186	126	126
126	126	179	262	**418**	**921**	**418**	262	179	126	126
126	126	176	245	**379**	**811**	**379**	245	176	126	126
126	126	163	220	332	**672**	332	220	163	126	126

SN5650-PMU-0460-10°-M/P-N/Z

139	139	178	245	**364**	**725**	**364**	245	178	139	139
139	139	179	265	**409**	**884**	**409**	265	179	139	139
147	147	188	279	**447**	**1012**	**447**	279	188	147	147
156	156	197	295	**478**	**1183**	**478**	295	197	156	156
156	156	202	310	**514**	**1426**	**514**	310	202	156	156
146	146	192	294	**491**	**1361**	**491**	294	192	146	146
136	136	182	277	**457**	**1130**	**457**	277	182	136	136
136	136	179	261	**421**	**972**	**421**	261	179	136	136
136	136	172	238	**372**	**827**	**372**	238	172	136	136
134	136	158	207	314	**638**	314	207	158	136	134

10 x 20 | 200

2 x 45 | 7 x 40 | 2 x 45

460

● F max. = 1552 kN

139	139	178	245	**364**	**725**	**364**	245	178	139	139
139	139	179	265	**409**	**884**	**409**	265	179	139	139
147	147	188	279	**447**	**1012**	**447**	279	188	147	147
156	156	197	**295**	**478**	**1152**	**478**	**295**	197	156	156
156	156	202	**310**	**514**	**1152**	**514**	**310**	202	156	156
146	146	192	**294**	**491**	**1152**	**491**	**294**	192	146	146
136	136	182	277	**457**	**1130**	**457**	277	182	136	136
136	136	179	261	**421**	**972**	**421**	261	179	136	136
136	136	172	238	**372**	**827**	**372**	238	172	136	136
134	136	158	207	**314**	**638**	**314**	207	158	136	134

SN5650-PMU-0460-20°-M/P-N/Z

122	122	179	250	**372**	**736**	**372**	250	179	122	122
129	129	184	264	**410**	**853**	**410**	264	184	129	129
137	137	192	278	**439**	**965**	**439**	278	192	137	137
144	144	201	293	**468**	**1120**	**468**	293	201	144	144
143	143	206	308	**502**	**1335**	**502**	308	206	143	143
134	134	196	292	**479**	**1273**	**479**	292	196	134	134
126	126	186	277	**447**	**1069**	**447**	277	186	126	126
126	126	179	262	**418**	**921**	**418**	262	179	126	126
126	126	176	245	**379**	**811**	**379**	245	176	126	126
126	126	163	220	332	**672**	332	220	163	126	126

10 x 20 | 200

2 x 45 | 7 x 40 | 2 x 45

460

● F max. = 1650 kN

122	122	179	250	**372**	**736**	**372**	250	179	122	122
129	129	184	264	**410**	**853**	**410**	264	184	129	129
137	137	192	278	**439**	**965**	**439**	278	192	137	137
144	144	201	293	**468**	**1120**	**468**	293	201	144	144
143	143	206	308	**502**	**1335**	**502**	308	206	143	143
134	134	196	292	**479**	**1273**	**479**	292	196	134	134
126	126	186	277	**447**	**1069**	**447**	277	186	126	126
126	126	179	262	**418**	**921**	**418**	262	179	126	126
126	126	176	245	**379**	**811**	**379**	245	176	126	126
126	126	163	220	332	**672**	332	220	163	126	126

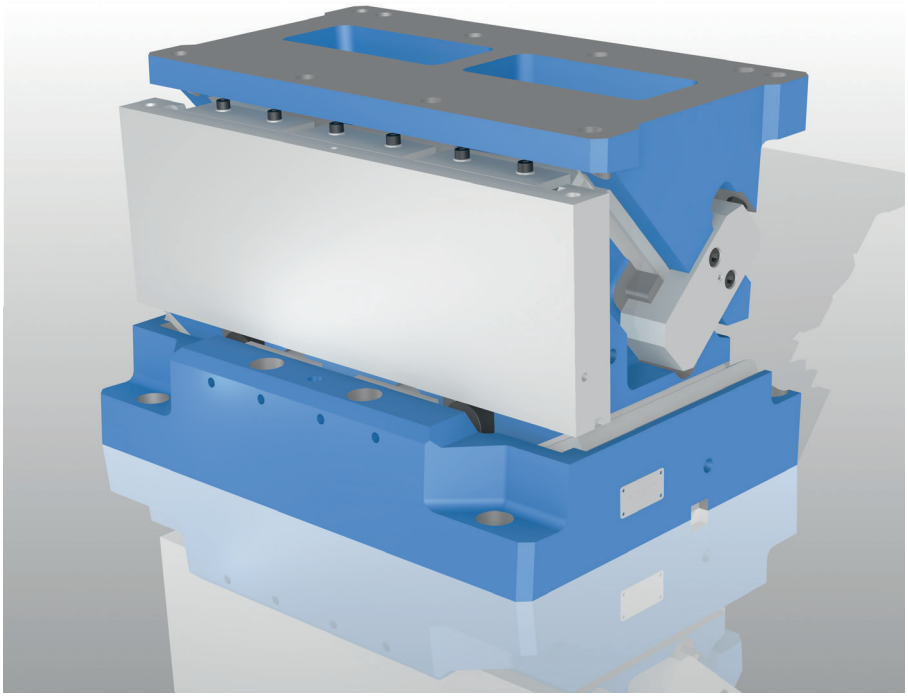
D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0580



Mat.: EN-GJS-600-3 (GGG 60)



Arbeitsfläche:	Working Area:	Plan de travail:
580 mm x 200 mm	580 mm x 200 mm	580 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
580 mm	580 mm	580 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
1500 kN	1500 kN	1500 kN

PMU-0580

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

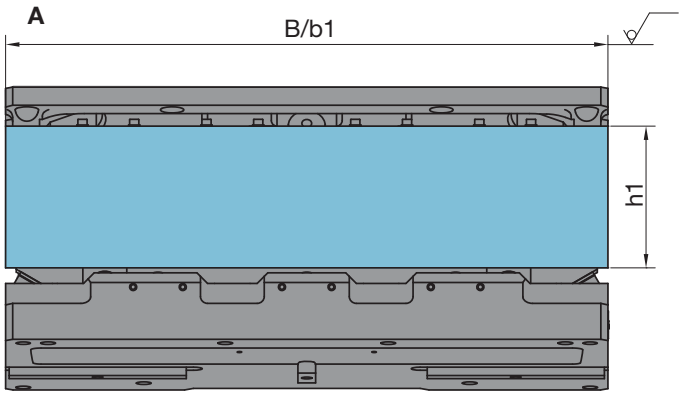
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 70 6x - M24 - 80	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 50 6x - M24 - 55
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 150 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 150 x 25 x 25

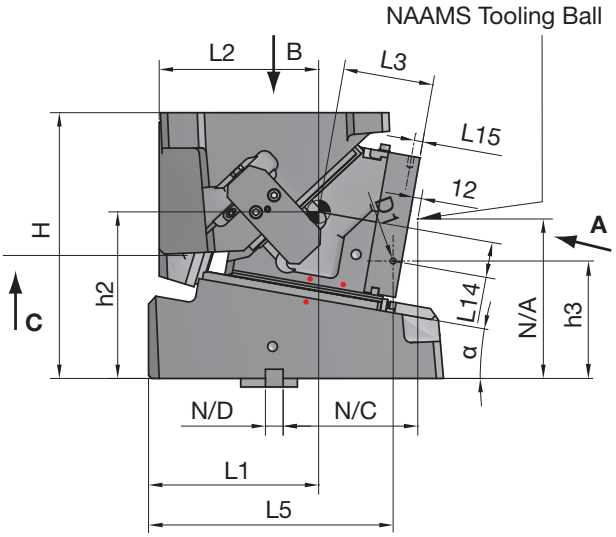
D 1801C 01.2019

Unten stehender Normschieber SN5650-PMU-0580

Die mount cam unit SN5650-PMU-0580

Coulisseau monté en bas SN5650-PMU-0580

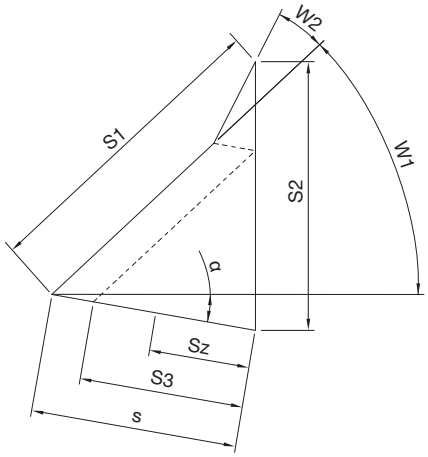


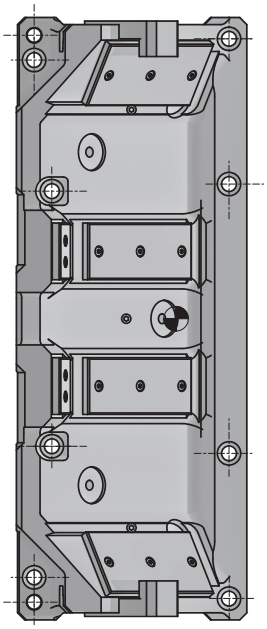


Gusstoleranzgrad CT nach DIN ISO 8062
(blau = Rohgussfläche)

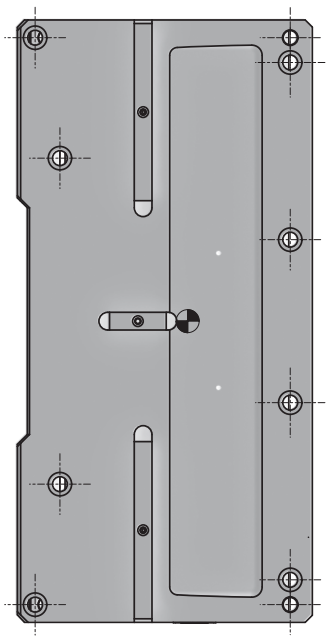
Casting tolerance grade CT according to
DIN ISO 8062 (blue = raw casting area)

Degré de tolérance de coulée CT selon
DIN ISO 8062 (bleu = zone de coulée brute)



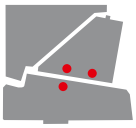


C



B

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

SN5652-PMU-Type 2

zusätzliche Gasdruckfeder/
additional gas spring /
additionnel ressort à gaz

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	+ SN5652-PMU-Type
> 1049	> 1802	> 1802	8	70	100

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0580

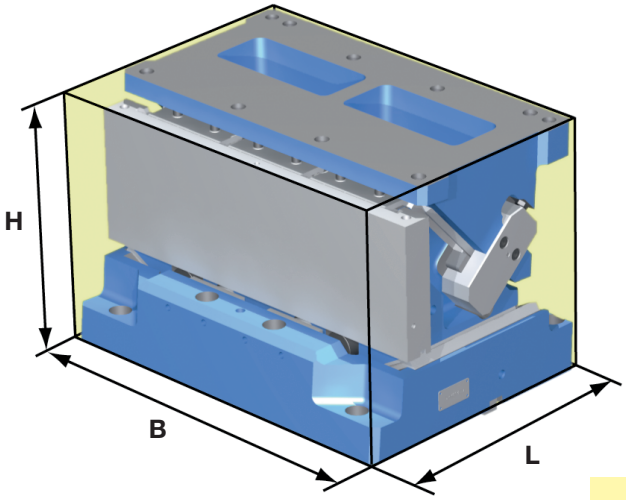
SN5650-PMU-0580-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



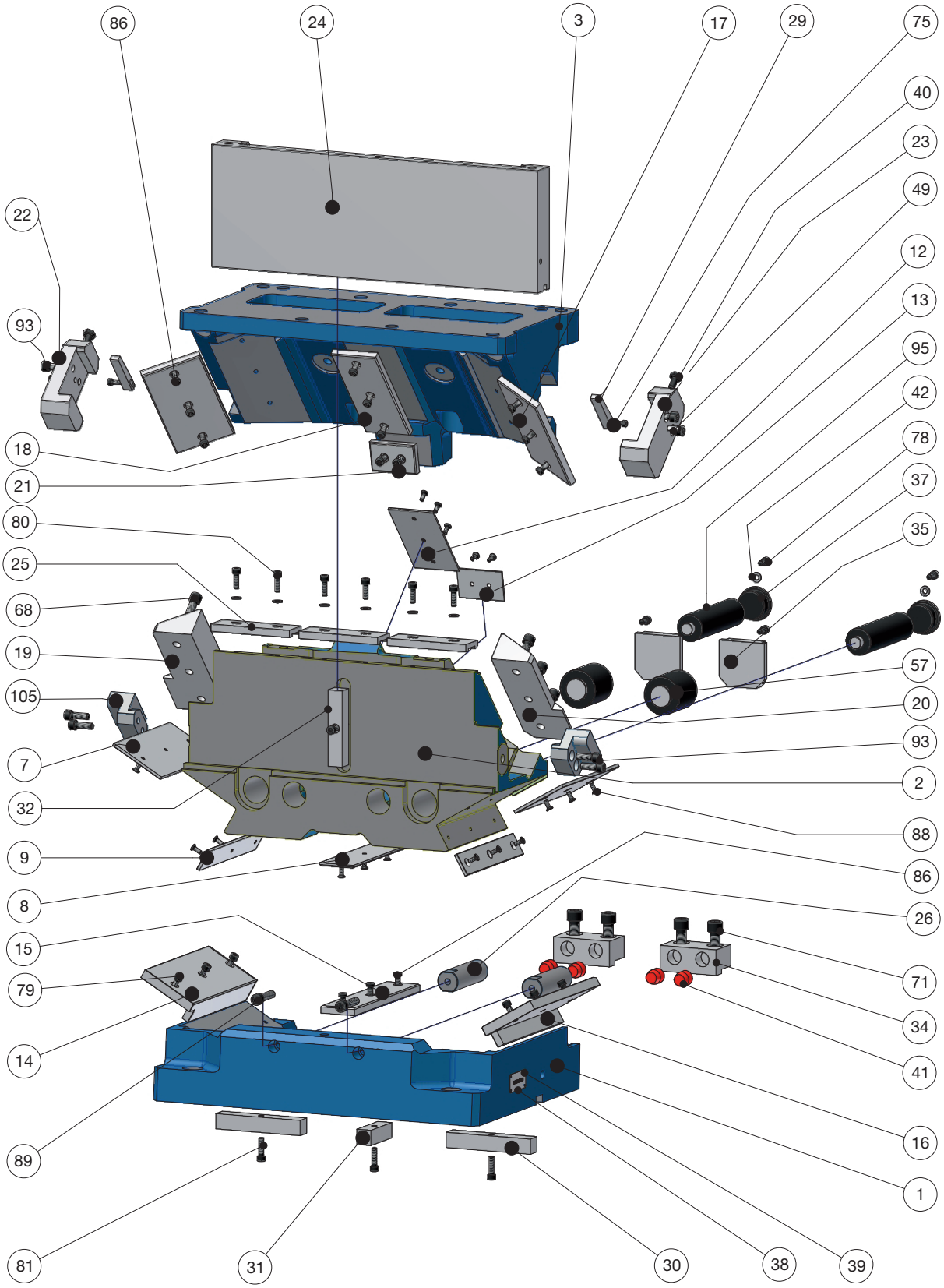
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	406	395	416	405	419	433
B	580	580	580	580	580	580
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
W2	20°	20°	20°	20°	20°	20°
s	70	70	70	70	70	70
S1	117,9	100,7	104,2	90,1	91,6	79,6
S2	95,7	78,9	90,9	77,9	88,5	78,0
S3	52,1	59,3	51,4	58,2	48,9	55,3
Sz	47	47	47	47	47	47
H	375	375	375	375	375	375
B	580	580	580	580	580	580
b1	580	580	580	580	580	580
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180,00	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	128	128	128	128	128	128
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0580

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0580

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
8	Beplankung Schieberbett Mitte / Planking slidebed centre / Plaques de protection plateau du coulisseau centre	SN5650-PMU-BSM ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSSL ...
12	Beplankung Schieber-Treiber Mitte / Planking slider-driver centre / Plaques de protection coulisseau-propulseur centre	SN5650-PMU-BSTM ...
13	Beplankung Vorbeschleuniger Schieber / Planking pre-activator slider / Plaques de protection pré-activateur coulisseau	SN5650-PMU-BVS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
15	Gleitplatte Schieberaufnahme Mitte / Guideplate slide retainer centre / Plaque de frottement réception du coulisseau centre	SN5650-PMU-GSAM ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
18	Gleitplatte Schieber-Treiber Mitte / Guideplate slider-driver centre / Plaque de frottement coulisseau-propulseur centre	SN5650-PMU-GSTM ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
21	Gleitplatte Vorbeschleuniger Schieber / Guideplate pre-activator slider / Plaque de frottement pré-activateur coulisseau	SN5650-PMU-GVS ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
26	Distanzen / Distances / Distances	SN5650-PMU-DSV-V01
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
35	Schieberverschluss / Slide catch / Bouchon du coulisseau	SN5650-PMU-SV ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
57	Gasdruckfeder / Gas spring / Ressort à gaz	SN2808 ...
68-89	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
88	Senkkopfschraube / Flat head screw / Vis à tête	SN3550 ...
93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ...
95	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

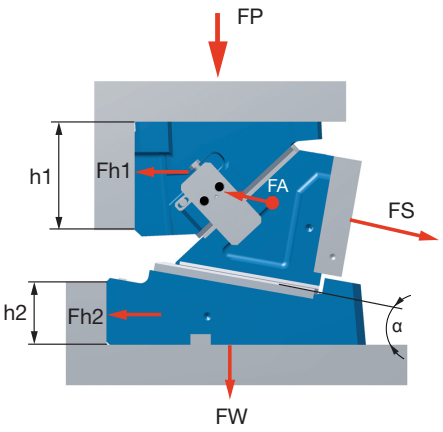
D 1801C 01.2019

SN5650-PMU-0580

Kraftverteilung | Force Distribution | Distribution de force

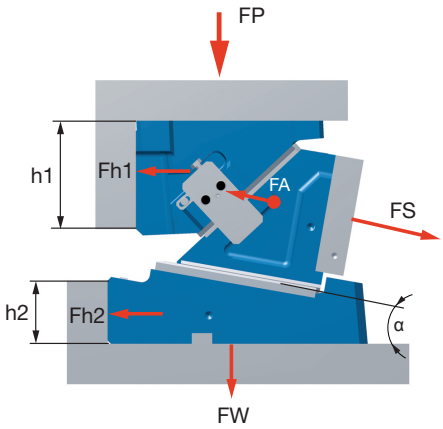
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1049	953	1058	953	-9	200	55	8
05°	1089	997	1015	899	65	195	78	8
10°	1128	1042	971	846	140	190	100	8
15°	1159	1078	921	777	194	180	125	8
20°	1190	1114	871	707	248	170	150	8
25°	1199	1195	776	688	311	170	170	8



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN] Standard	+ SN5652
00°	1802	1658	1841	1658	-39	200	55	70	100
05°	1871	1735	1766	1567	90	195	78	73	103
10°	1940	1813	1690	1476	220	190	100	75	105
15°	2000	1882	1607	1361	316	180	125	71	101
20°	2060	1951	1524	1246	412	170	150	66	96
25°	2060	2076	1348	1206	519	170	170	66	96



SN5652-Type	zusätzliche Gasdruckfedern / additional gas springs / additionnel ressorts à gaz
SN5652-Type 2	optional erhältlich / optional available / optionnel disponible

α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

D 1801C 01.2019

SN5650-PMU-0580 / Basis

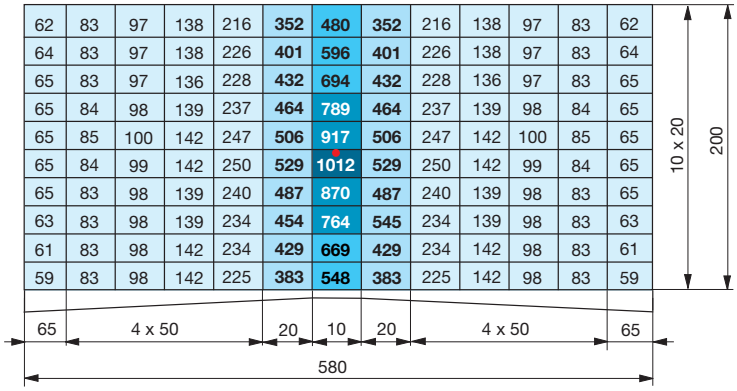
Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0580-0°-B-N/Z

62	83	97	138	216	**352**	**480**	**352**	216	138	97	83	62
64	83	97	138	226	**401**	**596**	**401**	226	138	97	83	64
65	83	97	136	228	**432**	**694**	**432**	228	136	97	83	65
65	84	98	139	237	**464**	**789**	**464**	237	139	98	84	65
65	85	100	142	247	**506**	**917**	**506**	247	142	100	85	65
65	84	99	142	250	**529**	**1012**	**529**	250	142	99	84	65
65	83	98	139	240	**487**	**870**	**487**	240	139	98	83	65
63	83	98	139	234	**454**	**764**	**545**	234	139	98	83	63
61	83	98	142	234	**429**	**669**	**429**	234	142	98	83	61
59	83	98	142	225	**383**	**548**	**383**	225	142	98	83	59

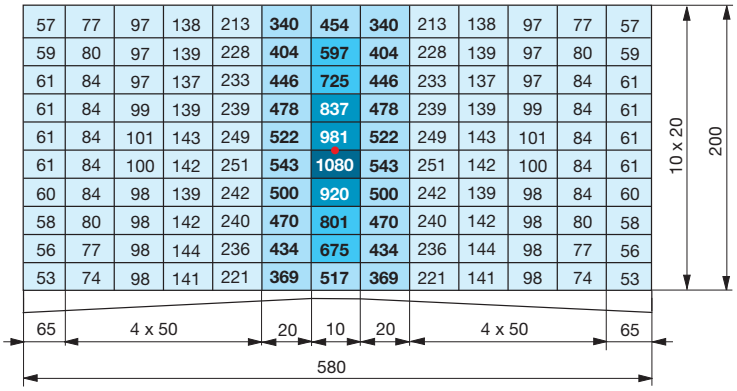


62	83	97	138	216	**352**	**480**	**352**	216	138	97	83	62
64	83	97	138	226	**401**	**596**	**401**	226	138	97	83	64
65	83	97	136	228	**432**	**694**	**432**	228	136	97	83	65
65	84	98	139	237	**464**	**789**	**464**	237	139	98	84	65
65	85	100	142	247	**506**	**917**	**506**	247	142	100	85	65
65	84	99	142	250	**529**	**1012**	**529**	250	142	99	84	65
65	83	98	139	240	**487**	**870**	**487**	240	139	98	83	65
63	83	98	139	234	**454**	**764**	**445**	234	139	98	83	63
61	83	98	142	234	**429**	**669**	**429**	234	142	98	83	61
59	83	98	142	225	**383**	**548**	**383**	225	142	98	83	59

● F max. = 1049 kN

SN5650-PMU-0580-10°-B-N/Z

57	77	97	138	213	**340**	**454**	**340**	213	138	97	77	57
59	80	97	139	228	**404**	**597**	**404**	228	139	97	80	59
61	84	97	137	233	**446**	**725**	**446**	233	137	97	84	61
61	84	99	139	239	**478**	**837**	**478**	239	139	99	84	61
61	84	101	143	249	**522**	**981**	**522**	249	143	101	84	61
61	84	100	142	251	**543**	**1080**	**543**	251	142	100	84	61
60	84	98	139	242	**500**	**920**	**500**	242	139	98	84	60
58	80	98	142	240	**470**	**801**	**470**	240	142	98	80	58
56	77	98	144	236	**434**	**675**	**434**	236	144	98	77	56
53	74	98	141	221	**369**	**517**	**369**	221	141	98	74	53

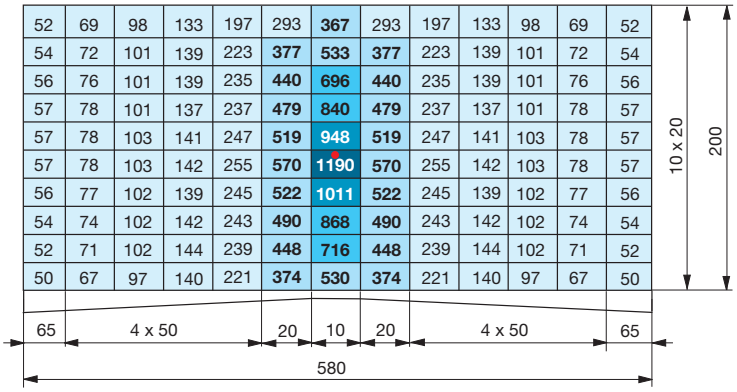


57	77	99	140	**217**	**345**	**459**	**345**	**217**	140	99	77	57
59	80	99	141	**232**	**410**	**606**	**410**	**232**	141	99	80	59
61	84	99	139	**237**	**453**	**657**	**453**	**237**	139	99	84	61
61	84	100	141	**242**	**485**	**657**	**485**	**242**	141	100	84	61
61	84	102	145	**253**	**530**	**657**	**530**	**253**	145	102	84	61
61	84	101	144	**255**	**552**	**657**	**552**	**255**	144	101	84	61
60	84	100	141	**245**	**507**	**657**	**507**	**245**	141	100	84	60
58	80	100	144	**243**	**477**	**657**	**477**	**243**	144	100	80	58
56	77	100	146	**240**	**440**	**657**	**440**	**240**	146	100	77	56
53	74	100	143	**224**	**374**	**517**	**374**	**224**	143	100	74	53

● F max. = 1128 kN

SN5650-PMU-0580-20°-B-N/Z

52	69	98	133	197	293	**367**	293	197	133	98	69	52
54	72	101	139	223	**377**	**533**	**377**	223	139	101	72	54
56	76	101	139	235	**440**	**696**	**440**	235	139	101	76	56
57	78	101	137	237	**479**	**840**	**479**	237	137	101	78	57
57	78	103	141	247	**519**	**948**	**519**	247	141	103	78	57
57	78	103	142	255	**570**	**1190**	**570**	255	142	103	78	57
56	77	102	139	245	**522**	**1011**	**522**	245	139	102	77	56
54	74	102	142	243	**490**	**868**	**490**	243	142	102	74	54
52	71	102	144	239	**448**	**716**	**448**	239	144	102	71	52
50	67	97	140	221	**374**	**530**	**374**	221	140	97	67	50



52	69	98	**133**	**197**	**293**	**367**	**293**	**197**	**133**	98	69	52
54	72	**101**	**139**	**223**	**377**	**396**	**377**	**223**	**139**	**101**	72	54
56	76	**101**	**139**	**235**	**381**	**396**	**381**	**235**	**139**	**101**	76	56
57	78	**101**	**137**	**237**	**382**	**396**	**382**	**237**	**137**	**101**	78	57
57	78	**103**	**141**	**247**	**382**	**396**	**382**	**247**	**141**	**103**	78	57
57	78	**103**	**142**	**255**	**382**	**396**	**382**	**255**	**142**	**103**	78	57
56	77	**102**	**139**	**245**	**382**	**396**	**382**	**245**	**139**	**102**	77	56
54	74	**102**	**142**	**243**	**382**	**396**	**382**	**243**	**142**	**102**	74	54
52	71	**102**	**144**	**239**	**381**	**396**	**381**	**239**	**144**	**102**	71	52
50	67	97	**140**	**221**	**374**	**396**	**374**	**221**	**140**	97	67	50

● F max. = 1190 kN

D 1801C 01.2019

SN5650-PMU-0580 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0580-0°-M/P-N/Z

66	85	113	167	325	**633**	**871**	**633**	325	167	113	85	66
66	85	113	170	335	**703**	**1052**	**703**	335	170	113	85	66
66	85	113	170	340	**748**	**1209**	**748**	340	170	113	85	66
66	85	113	170	340	**809**	**1375**	**809**	340	170	113	85	66
66	85	113	170	340	**881**	**1597**	**881**	340	170	113	85	66
65	85	113	170	340	**896**	**1716**	**896**	340	170	113	85	65
64	83	112	170	340	**826**	**1475**	**826**	340	170	112	83	64
62	81	109	165	335	**772**	**1296**	**772**	335	165	109	81	62
61	79	107	161	325	**727**	**1132**	**727**	325	161	107	79	61
60	78	104	157	316	**644**	**921**	**644**	316	157	104	78	60

10 x 20 | 200

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

116	131	166	235	380	**633**	**871**	**633**	380	235	166	131	116
117	133	166	231	389	**703**	**1052**	**703**	389	231	166	133	117
119	135	169	237	396	**748**	**1209**	**748**	396	237	169	135	119
120	137	172	242	412	**809**	**1375**	**809**	412	242	172	137	120
119	135	172	247	**430**	**881**	**1597**	**881**	**430**	247	172	135	119
117	133	169	241	424	**896**	**1716**	**896**	424	241	169	133	117
118	134	166	236	407	**826**	**1475**	**826**	407	236	166	134	118
115	134	166	239	400	**772**	**1296**	**772**	400	239	166	134	115
111	134	166	243	398	**727**	**1132**	**727**	398	243	166	134	111
108	134	166	240	379	**644**	**921**	**644**	379	240	166	134	108

● F max. = 1802 kN

SN5650-PMU-0580-10°-M/P-N/Z

92	125	166	238	381	**623**	**839**	**623**	381	238	166	125	92
92	127	166	236	396	**714**	**1066**	**714**	396	236	166	127	92
92	127	168	237	400	**776**	**1271**	**776**	400	237	168	127	92
92	127	171	243	417	**834**	**1460**	**834**	417	243	171	127	92
92	127	171	247	435	**910**	**1711**	**910**	435	247	171	127	92
91	127	168	241	427	**922**	**1832**	**922**	427	241	168	127	91
88	123	170	238	410	**848**	**1561**	**848**	410	238	170	123	88
85	118	170	244	410	**799**	**1357**	**799**	410	244	170	118	85
82	113	170	245	401	**731**	**1138**	**731**	401	245	170	113	82
79	109	161	236	370	**614**	**859**	**614**	370	236	161	109	79

10 x 20 | 200

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

111	138	166	**238**	**381**	**623**	**839**	**623**	**381**	**238**	166	138	111
111	138	166	**236**	**396**	**714**	**853**	**714**	**396**	**236**	166	138	111
111	140	168	**237**	**400**	**776**	**853**	**776**	**400**	**237**	168	140	111
111	142	171	**243**	**417**	**805**	**853**	**805**	**417**	**243**	171	142	111
111	141	171	**247**	**435**	**805**	**853**	**805**	**435**	**247**	171	141	111
111	139	168	**241**	**427**	**805**	**853**	**805**	**427**	**241**	168	139	111
107	144	170	**238**	**410**	**805**	**853**	**805**	**410**	**238**	170	144	107
104	144	170	**244**	**410**	**799**	**853**	**799**	**410**	**244**	170	144	104
100	139	170	**245**	**401**	**731**	**853**	**731**	**401**	**245**	170	139	100
97	134	170	**236**	**370**	**614**	**853**	**614**	**370**	**236**	170	134	97

● F max. = 1940 kN

SN5650-PMU-0580-20°-M/P-N/Z

101	133	166	236	365	**559**	**708**	**559**	365	236	166	133	101
104	139	166	239	393	**681**	**971**	**681**	393	239	166	139	104
104	141	166	236	405	**772**	**1232**	**772**	405	236	166	141	104
104	141	169	240	412	**831**	**1465**	**831**	412	240	169	141	104
104	141	171	246	430	**905**	**1716**	**905**	430	246	171	141	104
103	141	168	242	433	**968**	**2040**	**968**	433	242	168	141	103
99	137	170	240	416	**886**	**1717**	**886**	416	240	170	137	99
96	132	170	245	417	**833**	**1473**	**833**	417	245	170	132	96
92	126	170	245	405	**756**	**1207**	**756**	405	245	170	126	92
89	121	170	235	370	**623**	**881**	**623**	370	235	170	121	89

10 x 20 | 200

65 | 4 x 50 | 20 | 10 | 20 | 4 x 50 | 65

580

101	**133**	**166**	**236**	**365**	**478**	**498**	**478**	**365**	**236**	**166**	**133**	101
104	**139**	**166**	**239**	**393**	**479**	**498**	**479**	**393**	**239**	**166**	**139**	104
104	**141**	**166**	**236**	**405**	**480**	**498**	**480**	**405**	**236**	**166**	**141**	104
104	**141**	**169**	**240**	**412**	**481**	**498**	**481**	**412**	**240**	**169**	**141**	104
104	**141**	**171**	**246**	**430**	**481**	**498**	**481**	**430**	**246**	**171**	**141**	104
103	**141**	**168**	**242**	**433**	**481**	**498**	**481**	**433**	**242**	**168**	**141**	103
99	**137**	**170**	**240**	**416**	**481**	**498**	**481**	**416**	**240**	**170**	**137**	99
96	**132**	**170**	**245**	**417**	**480**	**498**	**480**	**417**	**245**	**170**	**132**	96
92	**126**	**170**	**245**	**405**	**479**	**498**	**479**	**405**	**245**	**170**	**126**	92
89	121	**170**	**235**	**370**	**478**	**498**	**478**	**370**	**235**	**170**	121	89

● F max. = 2060 kN

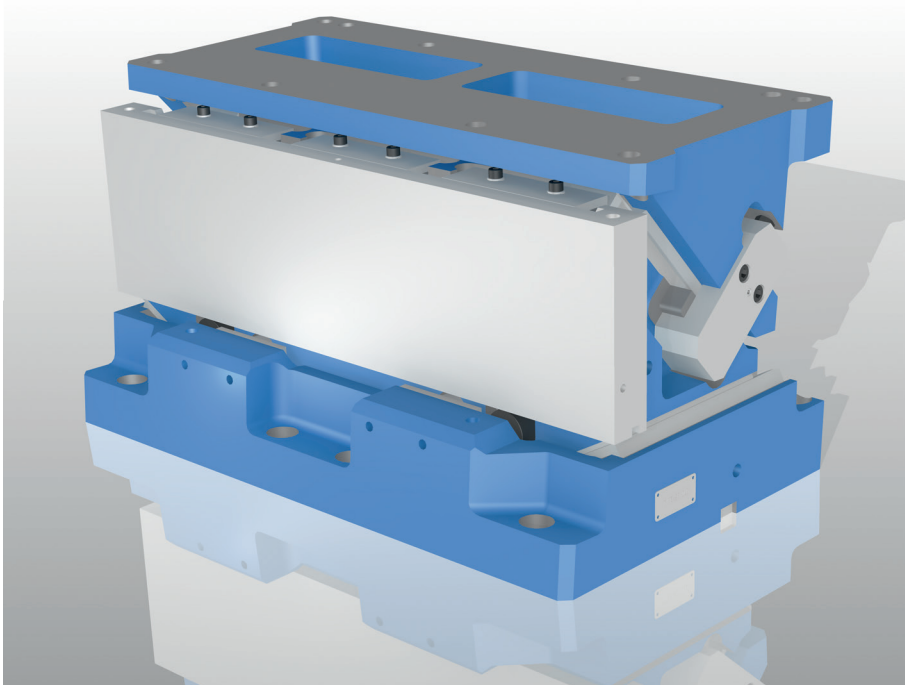
D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0700



Mat.: EN-GJS-600-3 (GGG 60)



Arbeitsfläche:	Working Area:	Plan de travail:
700 mm x 200 mm	700 mm x 200 mm	700 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
700 mm	700 mm	700 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
1750 kN	1750 kN	1750 kN

PMU-0700

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

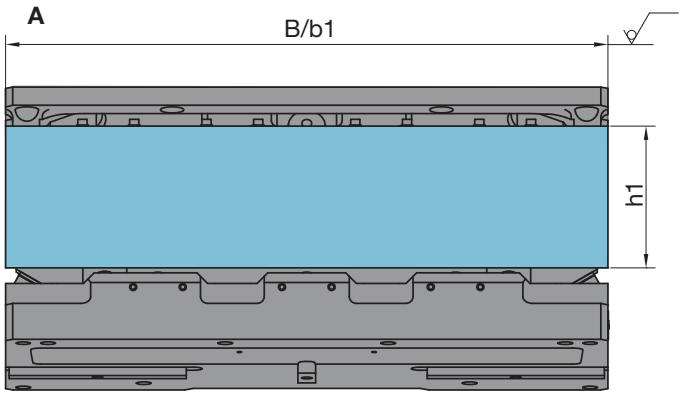
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 70 8x - M24 - 80	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 50 8x - M24 - 55
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 200 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 200 x 25 x 25

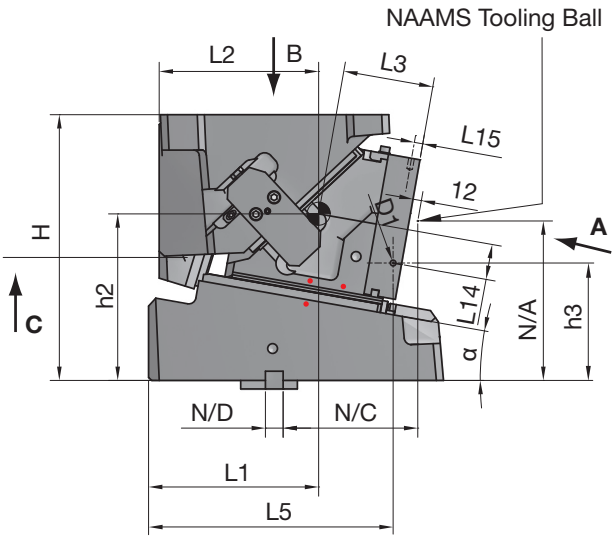
D 1801C 01.2019

Unten stehender Normschieber SN5650-PMU-0700

Die mount cam unit SN5650-PMU-0700

Coulisseau monté en bas SN5650-PMU-0700

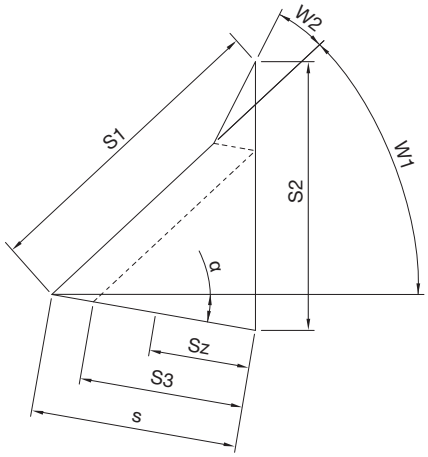


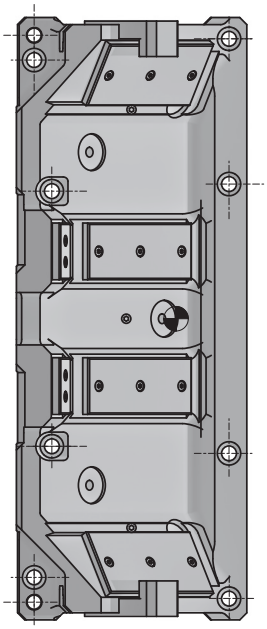


Gusstoleranzgrad CT nach DIN ISO 8062
(blau = Rohgussfläche)

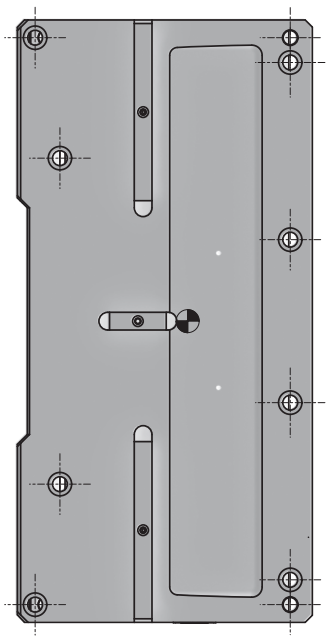
Casting tolerance grade CT according to
DIN ISO 8062 (blue = raw casting area)

Degré de tolérance de coulée CT selon
DIN ISO 8062 (bleu = zone de coulée brute)



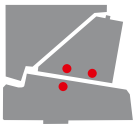


C



B

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

SN5652-PMU-Type 2

zusätzliche Gasdruckfeder/
additional gas spring /
additionnel ressort à gaz

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	+ SN5652-PMU-Type
> 1121	> 1927	> 1927	8	70	100

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0700

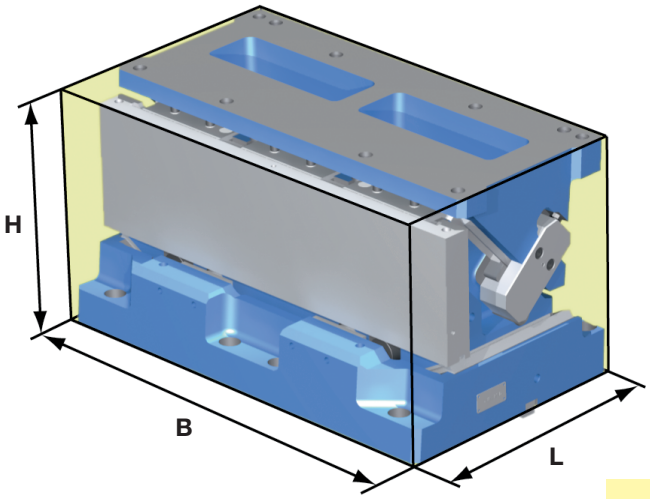
SN5650-PMU-0700-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



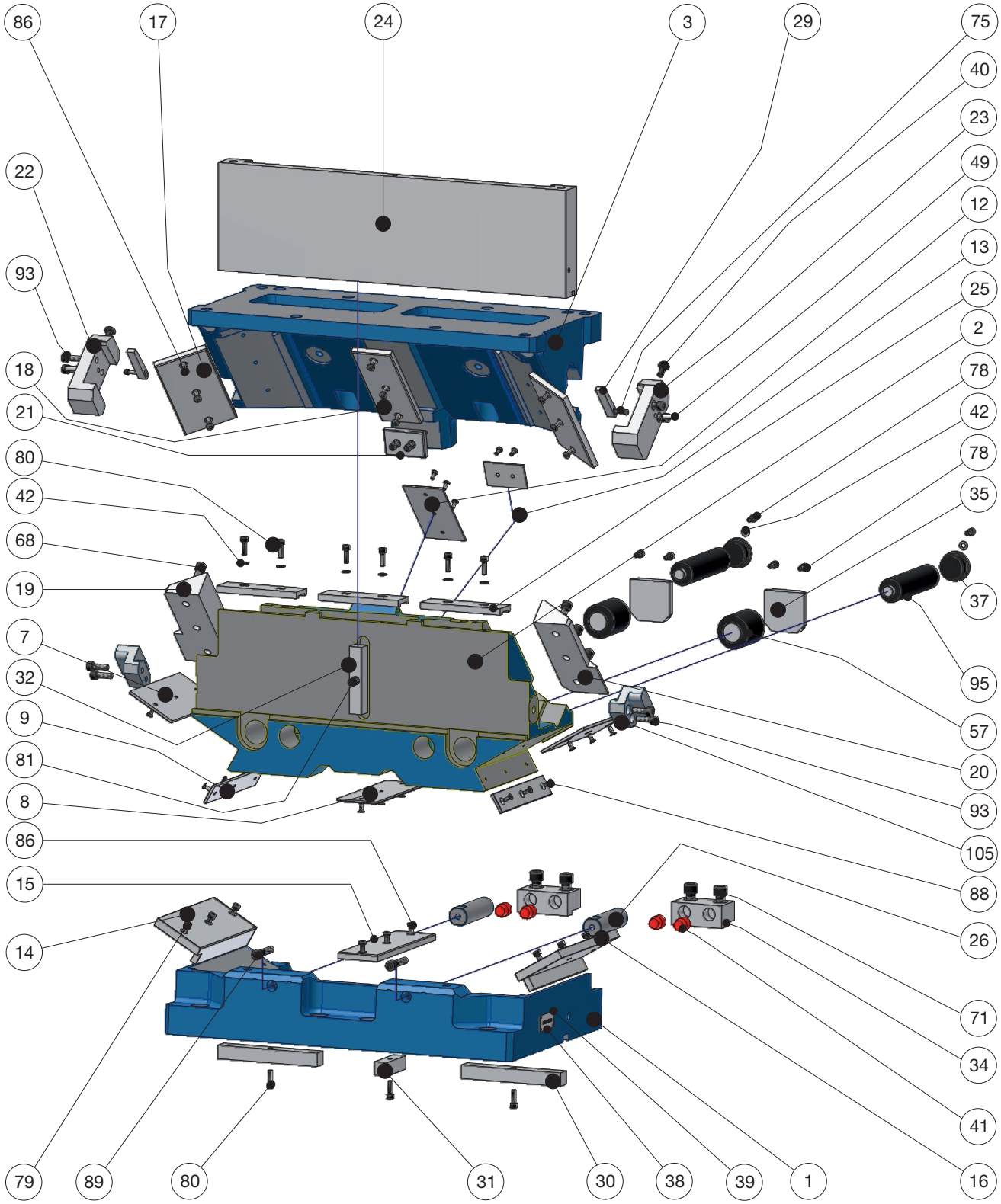
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	406	395	416	405	419	433
B	700	700	700	700	700	700
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
W2	20°	20°	20°	20°	20°	20°
s	70	70	70	70	70	70
S1	117,9	100,7	104,2	90,1	91,6	79,6
S2	95,7	78,9	90,9	77,9	88,5	78,0
S3	52,1	59,3	51,4	58,2	48,9	55,3
Sz	47	47	47	47	47	47
H	375	375	375	375	375	375
B	700	700	700	700	700	700
b1	700	700	700	700	700	700
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180,00	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0700

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0700

Stückliste | Component Parts | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
8	Beplankung Schieberbett Mitte / Planking slidebed centre / Plaques de protection plateau du coulisseau centre	SN5650-PMU-BSM ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
12	Beplankung Schieber-Treiber Mitte / Planking slider-driver centre / Plaques de protection coulisseau-propulseur centre	SN5650-PMU-BSTM ...
13	Beplankung Vorbeschleuniger Schieber / Planking pre-activator slider / Plaques de protection pré-activateur coulis-seau	SN5650-PMU-BVS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
15	Gleitplatte Schieberaufnahme Mitte / Guideplate slide retainer centre / Plaque de frottement réception du coulisseau centre	SN5650-PMU-GSAM ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
18	Gleitplatte Schieber-Treiber Mitte / Guideplate slider-driver centre / Plaque de frottement coulisseau-propulseur centre	SN5650-PMU-GSTM ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
21	Gleitplatte Vorbeschleuniger Schieber / Guideplate pre-activator slider / Plaque de frottement pré-activateur coulisseau	SN5650-PMU-GVS ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
26	Distanzen / Distances / Distances	SN5650-PMU-DSV ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
35	Schieberverschluss / Slide catch / Bouchon du coulisseau	SN5650-PMU-SV ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
57	Gasdruckfeder / Gas spring / Ressort à gaz	SN2808 ...
68-89	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN 3500 ... / SN3540 ...
86	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3540 ...
88	Senkkopfschraube / Flat head screw / Vis à tête	SN3550 ...
93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ...
95	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

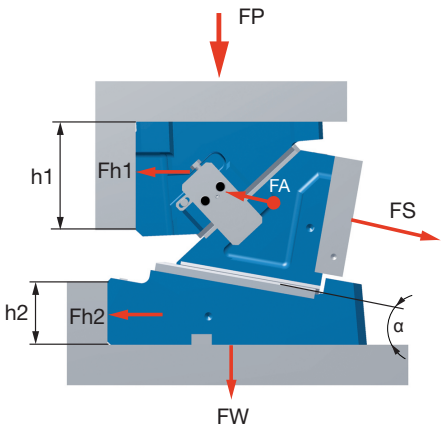
D 1801C 01.2019

SN5650-PMU-0700

Kraftverteilung | Force Distribution | Distribution de force

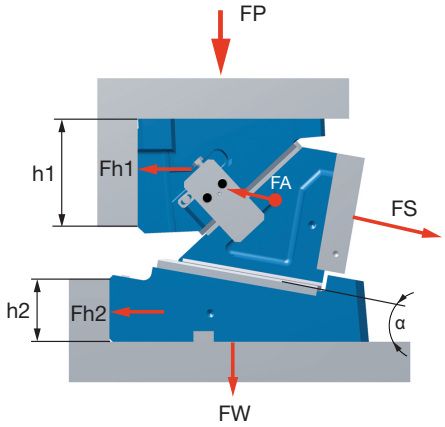
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1121	1018	1130	1018	-9	200	55	8
05°	1163	1065	1084	960	70	195	78	8
10°	1205	1112	1037	903	150	190	100	8
15°	1243	1156	987	832	208	180	125	8
20°	1281	1199	937	761	267	170	150	8
25°	1281	1276	829	735	332	170	140	8



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN] Standard	+ SN5652
00°	1927	1771	1966	1771	-39	200	55	70	100
05°	1999	1852	1884	1672	99	195	78	73	103
10°	2071	1933	1802	1573	237	190	100	75	105
15°	2094	1968	1684	1426	331	180	125	71	101
20°	2117	2004	1565	1280	424	170	150	66	96
25°	2116	2132	1384	1237	533	170	140	66	96



SN5652-Type	zusätzliche Gasdruckfedern / additional gas springs / additionnel ressorts à gaz
SN5652-Type 2	optional erhältlich / optional available / optionnel disponible

α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

D 1801C 01.2019

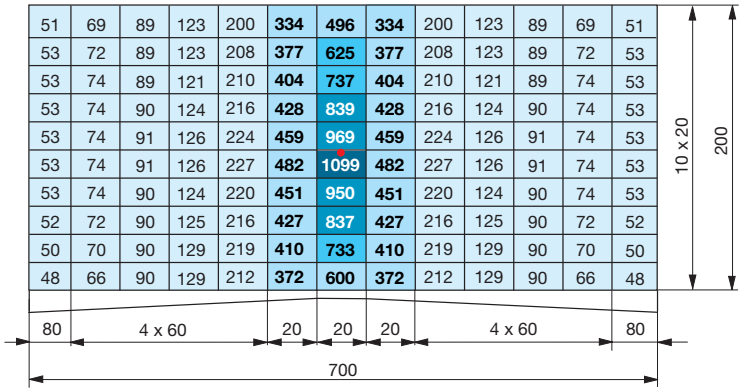
SN5650-PMU-0700 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

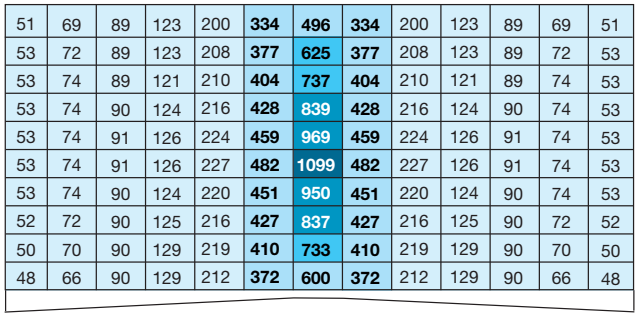
Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0700-0°-B-N/Z



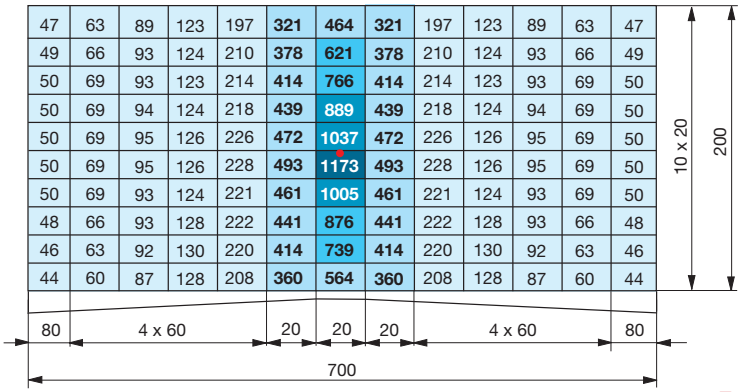
51	69	89	123	200	**334**	**496**	**334**	200	123	89	69	51
53	72	89	123	208	**377**	**625**	**377**	208	123	89	72	53
53	74	89	121	210	**404**	**737**	**404**	210	121	89	74	53
53	74	90	124	216	**428**	**839**	**428**	216	124	90	74	53
53	74	91	126	224	**459**	**969**	**459**	224	126	91	74	53
53	74	91	126	227	**482**	**1099**	**482**	227	126	91	74	53
53	74	90	124	220	**451**	**950**	**451**	220	124	90	74	53
52	72	90	125	216	**427**	**837**	**427**	216	125	90	72	52
50	70	90	129	219	**410**	**733**	**410**	219	129	90	70	50
48	66	90	129	212	**372**	**600**	**372**	212	129	90	66	48



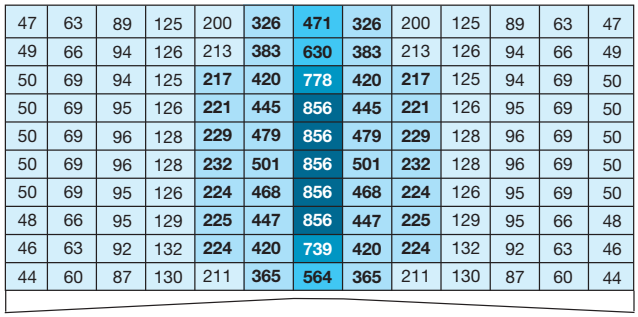
51	69	89	123	200	**334**	**496**	**334**	200	123	89	69	51
53	72	89	123	208	**377**	**625**	**377**	208	123	89	72	53
53	74	89	121	210	**404**	**737**	**404**	210	121	89	74	53
53	74	90	124	216	**428**	**839**	**428**	216	124	90	74	53
53	74	91	126	224	**459**	**969**	**459**	224	126	91	74	53
53	74	91	126	227	**482**	**1099**	**482**	227	126	91	74	53
53	74	90	124	220	**451**	**950**	**451**	220	124	90	74	53
52	72	90	125	216	**427**	**837**	**427**	216	125	90	72	52
50	70	90	129	219	**410**	**733**	**410**	219	129	90	70	50
48	66	90	129	212	**372**	**600**	**372**	212	129	90	66	48

● F max. = 1121 kN

SN5650-PMU-0700-10°-B-N/Z



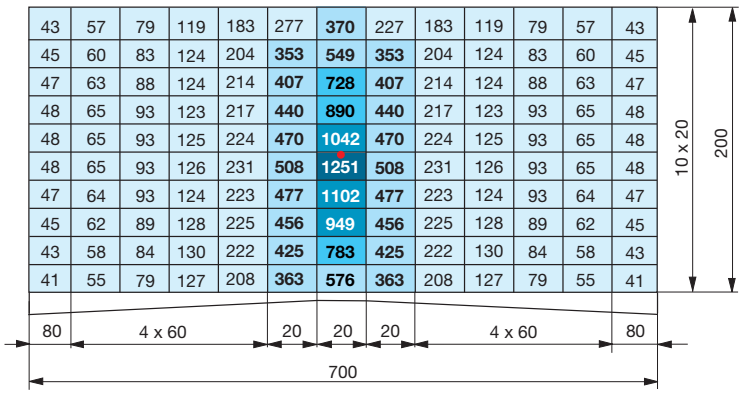
47	63	89	123	197	**321**	**464**	**321**	197	123	89	63	47
49	66	93	124	210	**378**	**621**	**378**	210	124	93	66	49
50	69	93	123	214	**414**	**766**	**414**	214	123	93	69	50
50	69	94	124	218	**439**	**889**	**439**	218	124	94	69	50
50	69	95	126	226	**472**	**1037**	**472**	226	126	95	69	50
50	69	95	126	228	**493**	**1173**	**493**	228	126	95	69	50
50	69	93	124	221	**461**	**1005**	**461**	221	124	93	69	50
48	66	93	128	222	**441**	**876**	**441**	222	128	93	66	48
46	63	92	130	220	**414**	**739**	**414**	220	130	92	63	46
44	60	87	128	208	**360**	**564**	**360**	208	128	87	60	44



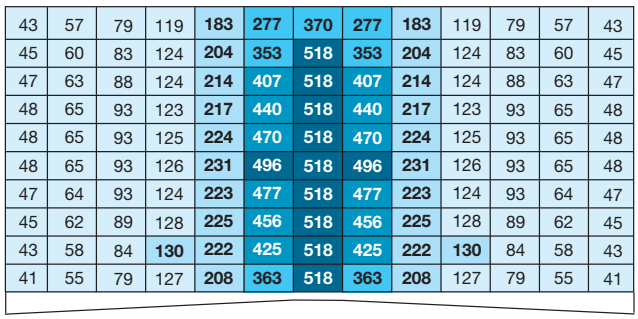
47	63	89	125	200	**326**	**471**	**326**	200	125	89	63	47
49	66	94	126	213	**383**	**630**	**383**	213	126	94	66	49
50	69	94	125	**217**	**420**	**778**	**420**	**217**	125	94	69	50
50	69	95	126	**221**	**445**	**856**	**445**	**221**	126	95	69	50
50	69	96	128	**229**	**479**	**856**	**479**	**229**	128	96	69	50
50	69	96	128	**232**	**501**	**856**	**501**	**232**	128	96	69	50
50	69	95	126	**224**	**468**	**856**	**468**	**224**	126	95	69	50
48	66	95	129	**225**	**447**	**856**	**447**	**225**	129	95	66	48
46	63	92	132	**224**	**420**	**739**	**420**	**224**	132	92	63	46
44	60	87	130	211	**365**	**564**	**365**	211	130	87	60	44

● F max. = 1205 kN

SN5650-PMU-0700-20°-B-N/Z



43	57	79	119	183	277	**370**	227	183	119	79	57	43
45	60	83	124	204	**353**	**549**	**353**	204	124	83	60	45
47	63	88	124	214	**407**	**728**	**407**	214	124	88	63	47
48	65	93	123	217	**440**	**890**	**440**	217	123	93	65	48
48	65	93	125	224	**470**	**1042**	**470**	224	125	93	65	48
48	65	93	126	231	**508**	**1251**	**508**	231	126	93	65	48
47	64	93	124	223	**477**	**1102**	**477**	223	124	93	64	47
45	62	89	128	225	**456**	**949**	**456**	225	128	89	62	45
43	58	84	130	222	**425**	**783**	**425**	222	130	84	58	43
41	55	79	127	208	**363**	**576**	**363**	208	127	79	55	41



43	57	79	119	**183**	**277**	**370**	**277**	**183**	119	79	57	43
45	60	83	124	**204**	**353**	**518**	**353**	**204**	124	83	60	45
47	63	88	124	**214**	**407**	**518**	**407**	**214**	124	88	63	47
48	65	93	123	**217**	**440**	**518**	**440**	**217**	123	93	65	48
48	65	93	125	**224**	**470**	**518**	**470**	**224**	125	93	65	48
48	65	93	126	**231**	**496**	**518**	**496**	**231**	126	93	65	48
47	64	93	124	**223**	**477**	**518**	**477**	**223**	124	93	64	47
45	62	89	128	**225**	**456**	**518**	**456**	**225**	128	89	62	45
43	58	84	**130**	**222**	**425**	**518**	**425**	**222**	**130**	84	58	43
41	55	79	127	**208**	**363**	**518**	**363**	**208**	127	79	55	41

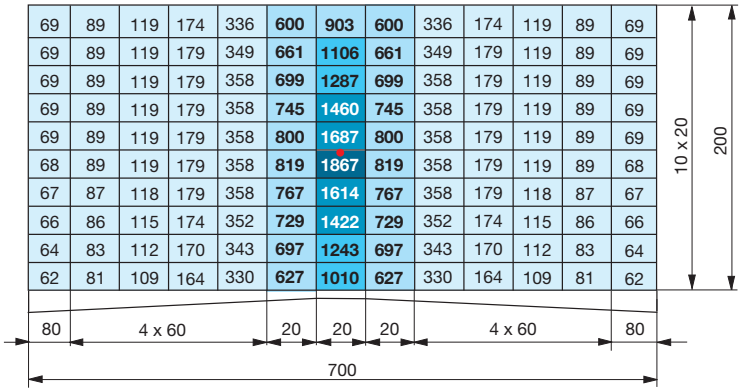
● F max. = 1281 kN

D 1801C 01.2019

SN5650-PMU-0700 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler



69	89	119	174	336	600	903	600	336	174	119	89	69
69	89	119	179	349	661	1106	661	349	179	119	89	69
69	89	119	179	358	699	1287	699	358	179	119	89	69
69	89	119	179	358	745	1460	745	358	179	119	89	69
69	89	119	179	358	800	1687	800	358	179	119	89	69
68	89	119	179	358	819	1867	819	358	179	119	89	68
67	87	118	179	358	767	1614	767	358	179	118	87	67
66	86	115	174	352	729	1422	729	352	174	115	86	66
64	83	112	170	343	697	1243	697	343	170	112	83	64
62	81	109	164	330	627	1010	627	330	164	109	81	62

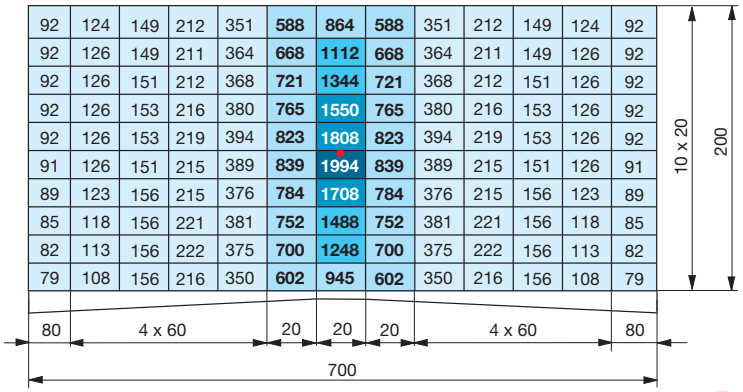
Passfeder / Fitting Key / Clavette

98	123	147	210	351	600	903	600	351	210	147	123	98
98	125	147	208	359	661	1106	661	359	208	147	125	98
98	126	149	212	364	699	1287	699	364	212	149	126	98
98	128	151	216	376	745	1460	745	376	216	151	128	98
98	127	151	219	390	800	1687	800	390	219	151	127	98
98	125	149	215	386	819	1867	819	386	215	149	125	98
96	128	149	211	374	767	1614	767	374	211	149	128	96
94	128	149	216	372	729	1422	729	372	216	149	128	94
91	126	149	220	372	697	1243	697	372	220	149	126	91
87	122	149	218	358	627	1010	627	358	218	149	122	87

SN5650-PMU-0700-0°-M/P-N/Z

● F max. = 1927 kN

SN5650-PMU-0700-10°-M/P-N/Z

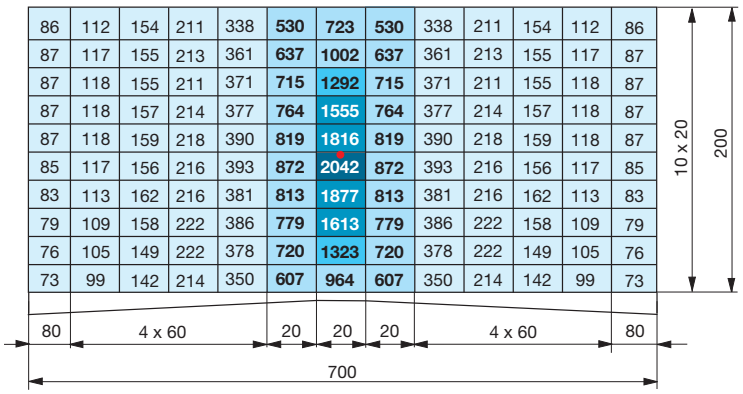


92	124	149	212	351	588	864	588	351	212	149	124	92
92	126	149	211	364	668	1112	668	364	211	149	126	92
92	126	151	212	368	721	1344	721	368	212	151	126	92
92	126	153	216	380	765	1550	765	380	216	153	126	92
92	126	153	219	394	823	1808	823	394	219	153	126	92
91	126	151	215	389	839	1994	839	389	215	151	126	91
89	123	156	215	376	784	1708	784	376	215	156	123	89
85	118	156	221	381	752	1488	752	381	221	156	118	85
82	113	156	222	375	700	1248	700	375	222	156	113	82
79	108	156	216	350	602	945	602	350	216	156	108	79

92	124	149	212	351	588	864	588	351	212	149	124	92
92	126	149	211	364	668	1051	668	364	211	149	126	92
92	126	151	212	368	721	1051	721	368	212	151	126	92
92	126	153	216	380	765	1051	765	380	216	153	126	92
92	126	153	219	394	823	1051	823	394	219	153	126	92
91	126	151	215	389	839	1051	839	389	215	151	126	91
89	123	156	215	376	784	1051	784	376	215	156	123	89
85	118	156	221	381	752	1051	752	381	221	156	118	85
82	113	156	222	375	700	1051	700	375	222	156	113	82
79	108	156	216	350	602	945	602	350	216	156	108	79

● F max. = 2071 kN

SN5650-PMU-0700-20°-M/P-N/Z



86	112	154	211	338	530	723	530	338	211	154	112	86
87	117	155	213	361	637	1002	637	361	213	155	117	87
87	118	155	211	371	715	1292	715	371	211	155	118	87
87	118	157	214	377	764	1555	764	377	214	157	118	87
87	118	159	218	390	819	1816	819	390	218	159	118	87
85	117	156	216	393	872	2042	872	393	216	156	117	85
83	113	162	216	381	813	1877	813	381	216	162	113	83
79	109	158	222	386	779	1613	779	386	222	158	109	79
76	105	149	222	378	720	1323	720	378	222	149	105	76
73	99	142	214	350	607	964	607	350	214	142	99	73

86	112	154	211	338	530	620	530	338	211	154	112	86
87	117	155	213	361	590	620	590	361	213	155	117	87
87	118	155	211	371	592	620	592	371	211	155	118	87
87	118	157	214	377	594	620	594	377	214	157	118	87
87	118	159	218	390	594	620	594	390	218	159	118	87
85	117	156	216	393	594	620	594	393	216	156	117	85
83	113	162	216	381	594	620	594	381	216	162	113	83
79	109	158	222	386	593	620	593	386	222	158	109	79
76	105	149	222	378	591	620	591	378	222	149	105	76
73	99	142	214	350	589	620	589	350	214	142	99	73

● F max. = 2117 kN

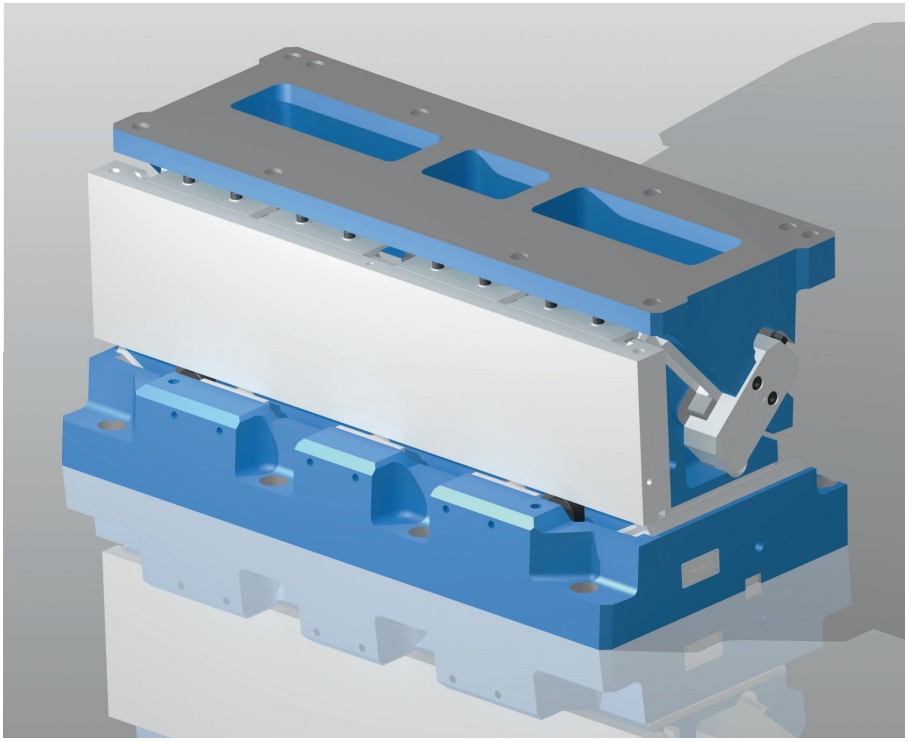
D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-0850



Mat.: EN-GJS-600-3 (GGG 60)



Arbeitsfläche:	Working Area:	Plan de travail:
850 mm x 200 mm	850 mm x 200 mm	850 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
850 mm	850 mm	850 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
2000 kN	2000 kN	2000 kN

PMU-0850

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

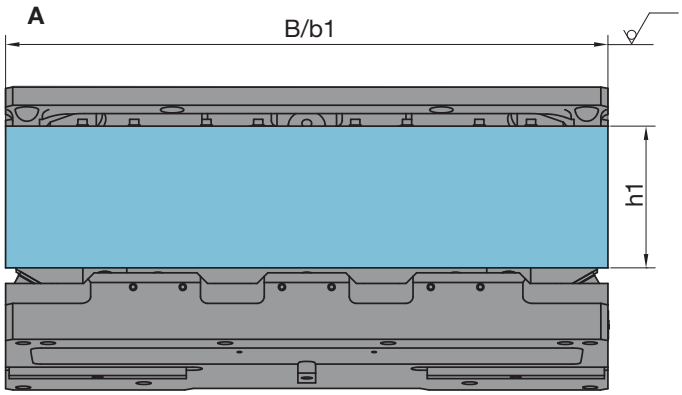
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 70 8x - M24 - 80	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 50 8x - M24 - 55
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 250 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 250 x 25 x 25

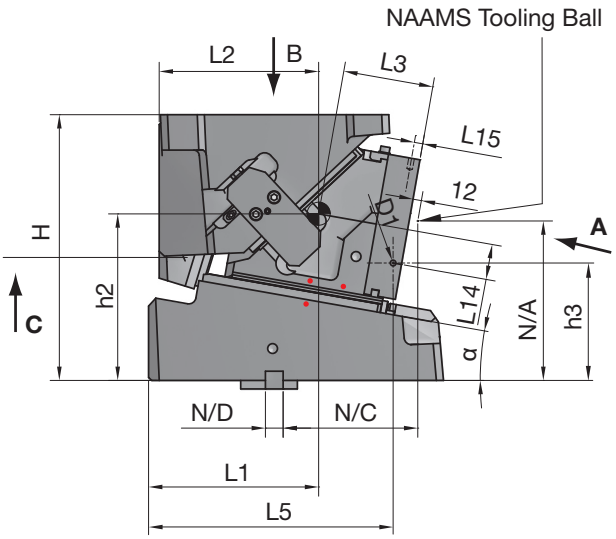
D 1801C 01.2019

Unten stehender Normschieber SN5650-PMU-0850

Die mount cam unit SN5650-PMU-0850

Coulisseau monté en bas SN5650-PMU-0850

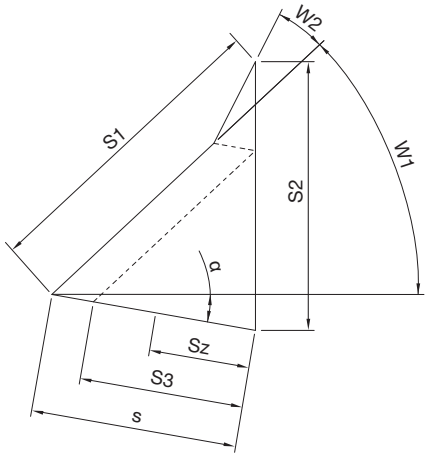


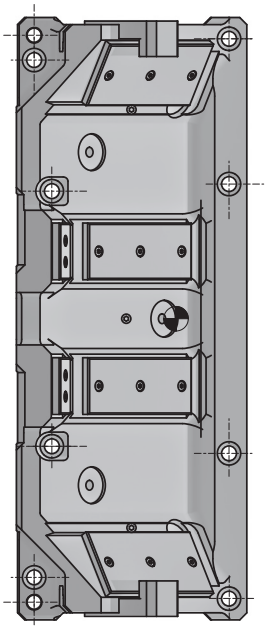


Gusstoleranzgrad CT nach DIN ISO 8062
(blau = Rohgussfläche)

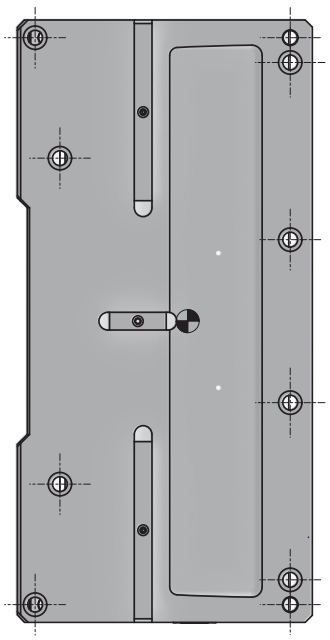
Casting tolerance grade CT according to
DIN ISO 8062 (blue = raw casting area)

Degré de tolérance de coulée CT selon
DIN ISO 8062 (bleu = zone de coulée brute)



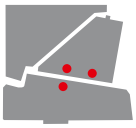


C



B

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

SN5652-PMU-Type 3

zusätzliche Gasdruckfeder/
additional gas spring /
additionnel ressort à gaz

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	+ SN5652-PMU-Type
> 1223	> 2119	> 2119	8	70	115

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-0850

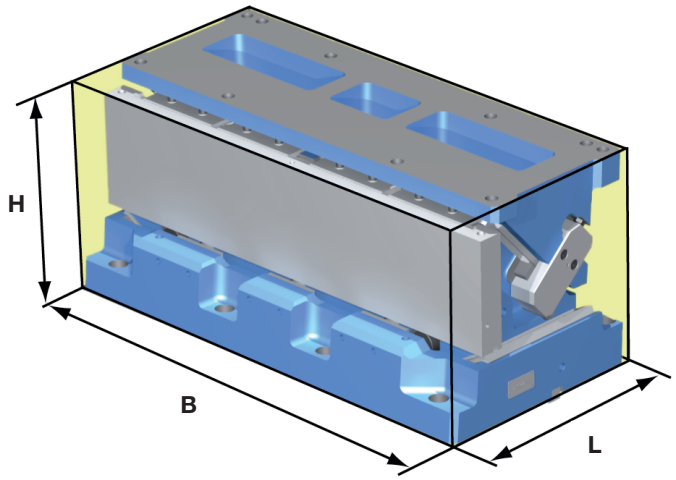
SN5650-PMU-0850-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



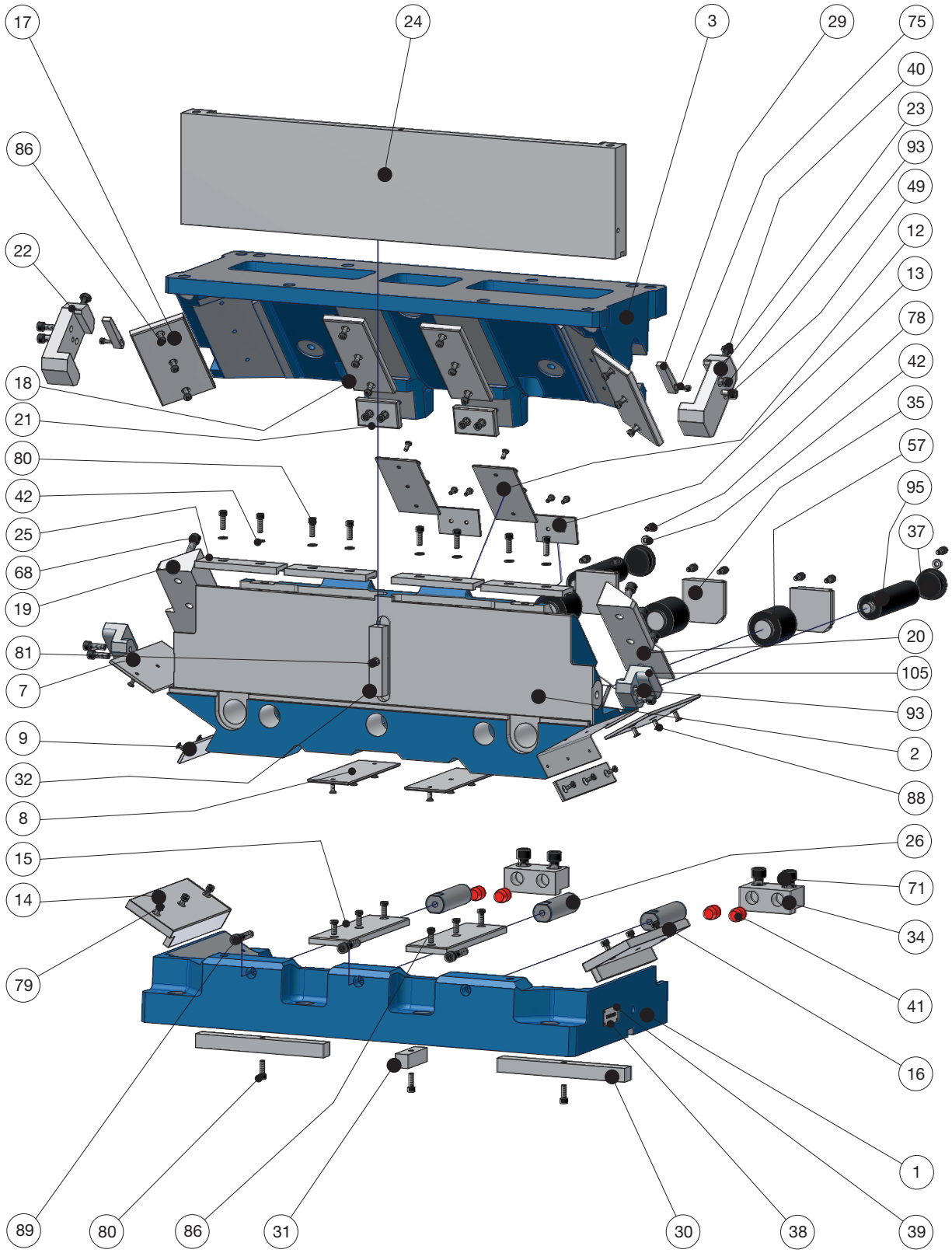
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	406	395	416	405	419	433
B	850	850	850	850	850	850
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
W2	20°	20°	20°	20°	20°	20°
s	70	70	70	70	70	70
S1	117,9	100,7	104,2	90,1	91,6	79,6
S2	95,7	78,9	90,9	77,9	88,5	78,0
S3	56,9	62,4	55,7	61,2	52,8	58,3
Sz	47	47	47	47	47	47
H	375	375	375	375	375	375
B	850	850	850	850	850	850
b1	850	850	850	850	850	850
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180,00	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-0850

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-0850

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
8	Beplankung Schieberbett Mitte / Planking slidebed centre / Plaques de protection plateau du coulisseau centre	SN5650-PMU-BSM ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
12	Beplankung Schieber-Treiber Mitte / Planking slider-driver centre / Plaques de protection coulisseau-propulseur centre	SN5650-PMU-BSTM ...
13	Beplankung Vorbeschleuniger Schieber / Planking pre-activator slider / Plaques de protection pré-activateur coulisseau	SN5650-PMU-BVS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
15	Gleitplatte Schieberaufnahme Mitte / Guideplate slide retainer centre / Plaque de frottement réception du coulisseau centre	SN5650-PMU-GSAM ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA1 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
18	Gleitplatte Schieber-Treiber Mitte / Guideplate slider-driver centre / Plaque de frottement coulisseau-propulseur centre	SN5650-PMU-GSTM ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
21	Gleitplatte Vorbeschleuniger Schieber / Guideplate preactivator slider / Plaque de frottement pré-activateur coulisseau	SN5650-PMU-GVS ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
26	Distanzen / Distances / Distances	SN5650-PMU-DSV ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
35	Schieberverschluss / Slide catch / Bouchon du coulisseau	SN5650-PMU-SV ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
57	Gasdruckfeder / Gas spring / Ressort à gaz	SN2808 ...
68-89	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
88	Senkkopfschraube / Flat head screw / Vis à tête	SN3550 ...
93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ...
95	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

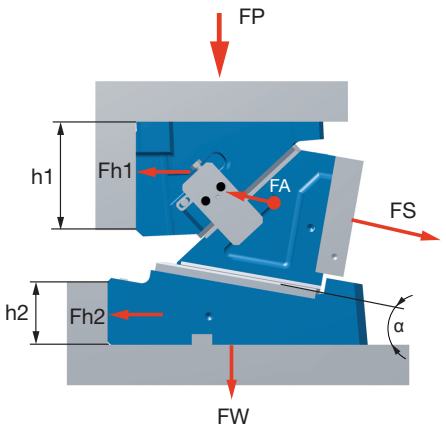
D 1801C 01.2019

SN5650-PMU-0850

Kraftverteilung | Force Distribution | Distribution de force

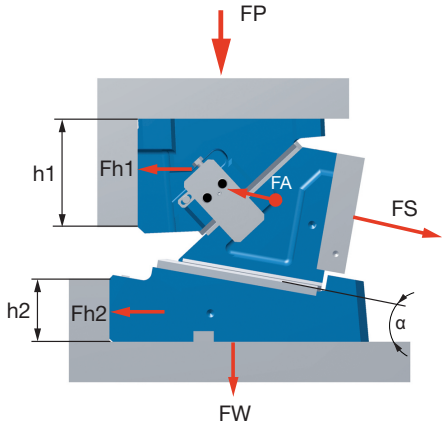
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1223	1110	1232	1110	-9	200	55	8
05°	1269	1161	1182	1047	77	205	78	8
10°	1315	1213	1131	984	164	210	100	8
15°	1356	1260	1076	907	228	198	125	8
20°	1397	1307	1021	829	292	185	150	8
25°	1397	1391	903	800	363	170	170	8



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN] Standard	+ SN5652
00°	2119	1957	2173	1957	-54	200	55	70	115
05°	2119	1973	2014	1789	88	205	78	73	118
10°	2118	1989	1855	1622	231	210	100	75	120
15°	2118	2004	1716	1458	322	198	125	71	116
20°	2117	2018	1576	1294	413	185	150	66	111
25°	2116	2146	1394	1252	524	170	170	66	111



SN5652-Type — zusätzliche Gasdruckfedern / additional gas springs / additionnel ressorts à gaz

SN5652-Type 3 — optional erhältlich / optional available / optionnel disponible

α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

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SN5650-PMU-0850 / Basis

Schieberkräfte	Cam Force	Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0850-0°-B-N/Z

76	90	110	144	218	**341**	**469**	**341**	218	144	110	90	76
90	108	134	178	272	**427**	**606**	**427**	272	178	134	108	90
101	123	153	205	**316**	**504**	**725**	**504**	**316**	205	153	123	101
103	126	161	220	**348**	**568**	**830**	**568**	**348**	220	161	126	103
105	129	165	229	**371**	**632**	**976**	**632**	**371**	229	165	129	105
106	131	169	238	**398**	**714**	**1185**	**714**	**398**	238	169	131	106
104	129	165	230	**378**	**662**	**1059**	**662**	**378**	230	165	129	104
104	129	164	225	**360**	**604**	**916**	**604**	**360**	225	164	129	104
104	129	164	230	**357**	**568**	**806**	**568**	**357**	230	164	129	104
88	109	138	189	**297**	**474**	**673**	**474**	**297**	189	138	109	88

10 x 20 = 200

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

82	94	115	151	224	**341**	**469**	**341**	224	151	115	94	82
90	108	134	178	272	**427**	**606**	**427**	272	178	134	108	90
101	123	153	205	**316**	**504**	**725**	**504**	**316**	205	153	123	101
103	126	161	220	**348**	**568**	**830**	**568**	**348**	220	161	126	103
105	129	165	229	**371**	**632**	**976**	**632**	**371**	229	165	129	105
106	131	169	238	**398**	**714**	**1185**	**714**	**398**	238	169	131	106
104	129	165	230	**378**	**662**	**1059**	**662**	**378**	230	165	129	104
105	129	164	225	**360**	**604**	**916**	**604**	**360**	225	164	129	105
104	129	164	230	**357**	**568**	**806**	**568**	**357**	230	164	129	104
99	119	151	204	**314**	**487**	**673**	**487**	**314**	204	151	119	99

● F max. = 1223 kN

SN5650-PMU-0850-10°-B-N/Z

72	85	102	132	198	**315**	**433**	**315**	198	132	102	85	72
89	106	130	172	266	**421**	**602**	**421**	266	172	130	106	89
102	123	153	206	319	**517**	**755**	**517**	319	206	153	123	102
108	133	169	231	**366**	**600**	**881**	**600**	**366**	231	169	133	108
110	136	174	241	**392**	**673**	**1047**	**673**	**392**	241	174	136	110
111	138	178	250	**421**	**766**	**1291**	**766**	**421**	250	178	138	111
109	135	173	241	**397**	**695**	**1115**	**695**	**397**	241	173	135	109
109	135	173	242	**386**	**641**	**961**	**641**	**386**	242	173	135	109
103	128	164	225	**355**	**573**	**821**	**573**	**355**	225	164	128	103
80	98	126	173	274	**443**	**637**	**443**	274	173	126	98	80

10 x 20 = 200

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

72	85	102	132	198	**315**	**468**	**315**	198	132	102	85	72
89	106	130	172	**266**	**439**	**671**	**439**	**266**	172	130	106	89
109	131	163	219	**342**	**571**	**874**	**571**	**342**	219	163	131	109
121	149	189	261	**417**	**696**	**1027**	**696**	**417**	261	189	149	121
122	151	193	**267**	**435**	**745**	**1054**	**745**	**435**	**267**	193	151	122
122	152	195	**273**	**453**	**802**	**1054**	**802**	**453**	**273**	195	152	122
120	148	190	262	**425**	**724**	**1054**	**724**	**425**	262	190	148	120
117	144	183	251	**399**	**654**	**961**	**654**	**399**	251	183	144	117
103	128	164	225	**355**	**573**	**821**	**573**	**355**	225	164	128	103
80	98	126	173	**274**	**443**	**637**	**443**	**274**	173	126	98	80

● F max. = 1315 kN

SN5650-PMU-0850-20°-B-N/Z

59	72	86	109	158	**243**	**333**	**243**	158	109	86	72	59
75	92	112	147	223	**366**	**518**	**366**	223	147	112	92	75
98	116	144	193	299	**484**	**712**	**484**	299	193	144	116	98
111	134	169	228	**359**	**591**	**884**	**591**	**359**	228	169	134	111
114	140	179	248	**401**	**680**	**1044**	**680**	**401**	248	179	140	114
116	144	185	259	**432**	**775**	**1286**	**775**	**432**	259	185	144	116
114	141	181	254	**421**	**750**	**1230**	**750**	**421**	254	181	141	114
114	141	181	255	**409**	**688**	**1046**	**688**	**409**	255	181	141	114
105	130	167	231	**367**	**601**	**875**	**601**	**367**	231	167	130	105
77	98	125	173	275	**449**	**654**	**449**	275	173	125	98	77

10 x 20 = 200

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

59	72	94	123	**175**	**254**	**333**	**254**	**175**	123	94	72	59
75	95	120	**157**	**236**	**367**	**518**	**367**	**236**	**157**	120	95	75
97	116	**144**	**193**	**299**	**484**	**518**	**484**	**299**	**193**	**144**	116	97
111	**134**	**169**	**228**	**359**	**515**	**518**	**515**	**359**	**228**	**169**	**134**	111
114	**140**	**179**	**248**	**401**	**517**	**518**	**517**	**401**	**248**	**179**	**140**	114
116	**144**	**185**	**259**	**432**	**517**	**518**	**517**	**432**	**259**	**185**	**144**	116
114	**141**	**181**	**254**	**421**	**517**	**518**	**517**	**421**	**254**	**181**	**141**	114
119	**141**	**181**	**255**	**409**	**517**	**518**	**517**	**409**	**255**	**181**	**141**	119
110	**138**	**176**	**241**	**379**	**516**	**518**	**516**	**379**	**241**	**176**	**138**	110
77	109	**145**	**197**	**304**	**472**	**518**	**472**	**304**	**197**	**145**	109	77

● F max. = 1397 kN

D 1801C 01.2019

SN5650-PMU-0850 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-0850-0°-M/P-N/Z

119	151	189	251	424	**745**	**1006**	**745**	424	251	189	151	119
119	151	202	291	505	**891**	**1247**	**891**	505	291	202	151	119
119	151	202	303	**606**	**1027**	**1458**	**1027**	**606**	303	202	151	119
119	151	202	303	**606**	**1140**	**1666**	**1140**	**606**	303	202	151	119
119	151	202	303	**606**	**1270**	**1960**	**1270**	**606**	303	202	151	119
119	151	202	303	**606**	**1425**	**2044**	**1425**	**606**	303	202	151	119
118	151	201	303	**606**	**1285**	**2000**	**1285**	**606**	303	201	151	118
117	149	200	301	**603**	**1178**	**1780**	**1178**	**603**	301	200	149	117
100	131	182	286	**598**	**1104**	**1563**	**1104**	**598**	286	182	131	100
85	111	152	236	488	**908**	**1294**	**908**	488	236	152	111	85

10 x 20 | 200

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

180	222	268	345	500	**745**	**1006**	**745**	500	345	268	222	180
180	243	299	390	**579**	**891**	**1247**	**891**	**579**	390	299	243	180
180	249	314	425	**657**	**1027**	**1458**	**1027**	**657**	425	314	249	180
180	254	323	442	**698**	**1140**	**1666**	**1140**	**698**	442	323	254	180
180	260	333	460	**745**	**1270**	**1960**	**1270**	**745**	460	333	260	180
180	255	329	463	**778**	**1425**	**2047**	**1425**	**778**	463	329	255	180
180	250	321	447	**734**	**1285**	**2000**	**1285**	**734**	447	321	250	180
178	250	321	444	**706**	**1178**	**1780**	**1178**	**706**	444	321	250	178
178	250	321	447	**697**	**1104**	**1563**	**1104**	**697**	447	321	250	178
178	224	285	387	**599**	**935**	**1294**	**935**	**599**	387	285	224	178

● F max. = 2119 kN

SN5650-PMU-0850-10°-M/P-N/Z

167	211	266	336	480	**717**	**963**	**717**	480	336	266	211	167
167	237	300	390	**578**	**892**	**1254**	**892**	**578**	390	300	237	167
167	237	329	443	**670**	**1061**	**1530**	**1061**	**670**	443	329	237	167
167	237	339	465	**736**	**1206**	**1770**	**1206**	**736**	465	339	237	167
167	237	350	485	**788**	**1352**	**2000**	**1352**	**788**	485	350	237	167
167	237	346	486	**819**	**1507**	**2043**	**1507**	**819**	486	346	237	167
167	237	339	169	**771**	**1351**	**2000**	**1351**	**771**	169	339	237	167
167	237	339	477	**756**	**1250**	**1868**	**1250**	**756**	477	339	237	167
167	229	298	418	**673**	**1098**	**1587**	**1098**	**673**	418	298	229	167
139	176	228	318	**514**	**842**	**1216**	**842**	**514**	318	228	176	139

10 x 20 | 200

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

167	221	266	**340**	**487**	**717**	**963**	**717**	**487**	**340**	266	221	167
167	237	300	**390**	**578**	**892**	**1254**	**892**	**578**	**390**	300	237	167
167	237	329	**443**	**670**	**1061**	**1348**	**1061**	**670**	**443**	329	237	167
167	237	**339**	**465**	**736**	**1206**	**1348**	**1206**	**736**	**465**	**339**	237	167
167	237	**350**	**485**	**788**	**1331**	**1348**	**1331**	**788**	**485**	**350**	237	167
167	237	**346**	**486**	**819**	**1331**	**1348**	**1331**	**819**	**486**	**346**	237	167
165	235	**339**	**469**	**771**	**1331**	**1348**	**1331**	**771**	**469**	**339**	235	165
165	232	**339**	**477**	**756**	**1250**	**1348**	**1250**	**756**	**477**	**339**	232	165
165	232	320	**441**	**697**	**1116**	**1348**	**1116**	**697**	**441**	320	232	165
161	211	269	**366**	**566**	**882**	**1216**	**882**	**566**	**366**	269	211	161

● F max. = 2118 kN

SN5650-PMU-0850-20°-M/P-N/Z

163	205	240	297	413	**603**	**794**	**603**	413	297	240	205	163
163	227	284	364	**528**	**809**	**1118**	**809**	**528**	364	284	227	163
163	227	323	424	**640**	**1011**	**1465**	**1011**	**640**	424	323	227	163
163	227	349	477	**745**	**1204**	**1779**	**1204**	**745**	477	349	227	163
163	227	356	499	**806**	**1368**	**2000**	**1368**	**806**	499	356	227	163
163	227	356	**513**	**869**	**1559**	**2042**	**1559**	**869**	**513**	356	227	163
163	227	356	494	**819**	**1459**	**2000**	**1459**	**819**	494	356	227	163
163	227	356	504	**803**	**1343**	**2000**	**1343**	**803**	504	356	227	163
163	227	303	428	**696**	**1154**	**1691**	**1154**	**696**	428	303	227	163
135	172	224	317	**515**	**853**	**1247**	**853**	**515**	317	224	172	135

10 x 20 | 200

87,5 | 4 x 75 | 25 | 25 | 25 | 4 x 75 | 87,5

850

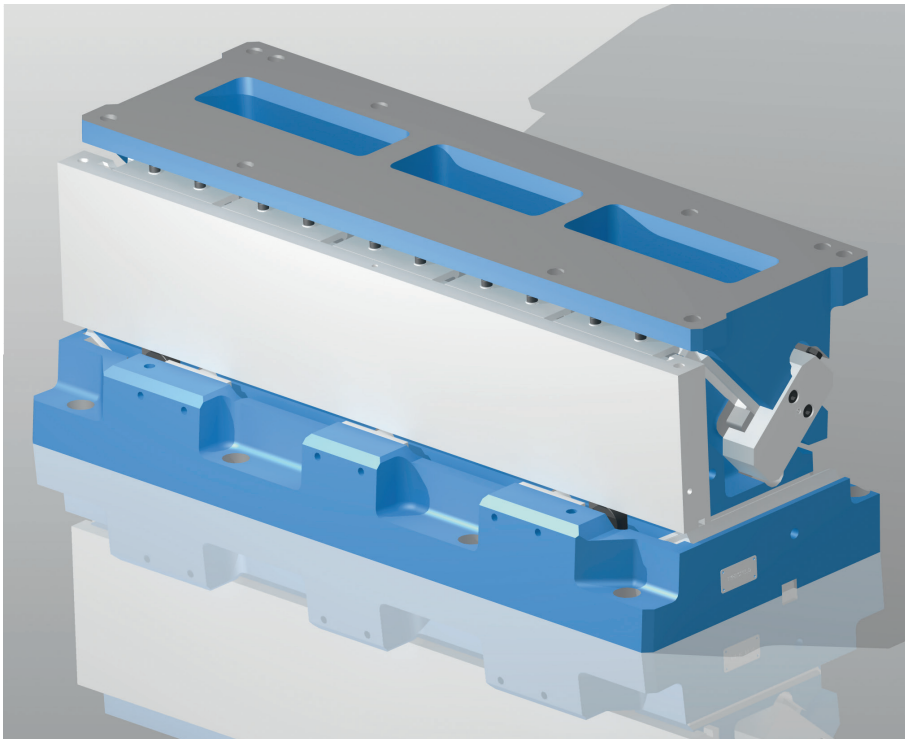
163	**208**	**247**	**310**	**433**	**616**	**671**	**616**	**433**	**310**	**247**	**208**	163
163	**227**	**284**	**366**	**534**	**658**	**671**	**658**	**534**	**366**	**284**	**227**	163
163	**227**	**323**	**424**	**640**	**665**	**671**	**665**	**640**	**424**	**323**	**227**	163
163	**227**	**349**	**477**	**662**	**670**	**671**	**670**	**662**	**477**	**349**	**227**	163
163	**227**	**357**	**499**	**663**	**670**	**671**	**670**	**663**	**499**	**357**	**227**	163
163	**227**	**357**	**513**	**663**	**670**	**671**	**670**	**663**	**513**	**357**	**227**	163
161	**226**	**356**	**494**	**663**	**670**	**671**	**670**	**663**	**494**	**356**	**226**	161
163	**224**	**350**	**504**	**662**	**670**	**671**	**670**	**662**	**504**	**350**	**224**	163
161	**224**	**329**	**455**	**655**	**667**	**671**	**667**	**655**	**455**	**329**	**224**	161
148	**206**	**269**	**368**	**573**	**662**	**671**	**662**	**573**	**368**	**269**	**206**	148

● F max. = 2117 kN

D 1801C 01.2019

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-1000



Mat.: EN-GJS-600-3 (GGG 60)

Arbeitsfläche:	Working Area:	Plan de travail:
1000 mm x 200 mm	1000 mm x 200 mm	1000 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
1000 mm	1000 mm	1000 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
2250 kN	2250 kN	2250 kN

PMU-1000

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

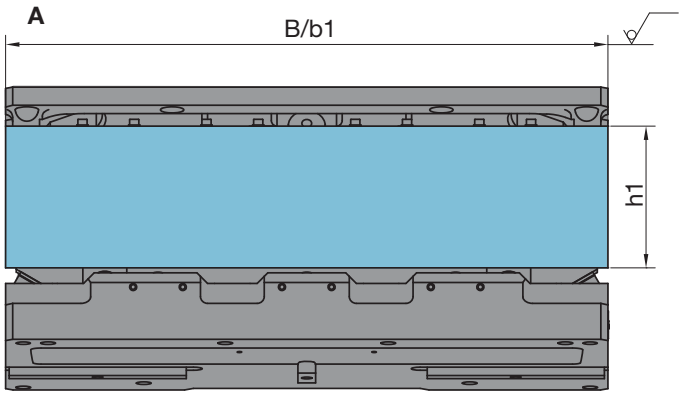
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 70 8x - M24 - 80	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 50 8x - M24 - 55
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 250 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 250 x 25 x 25

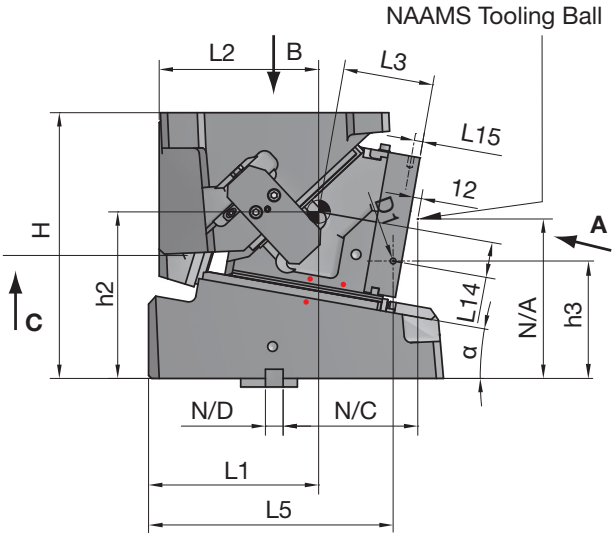
D 1801C 01.2019

Unten stehender Normschieber SN5650-PMU-1000

Die mount cam unit SN5650-PMU-1000

Coulisseau monté en bas SN5650-PMU-1000

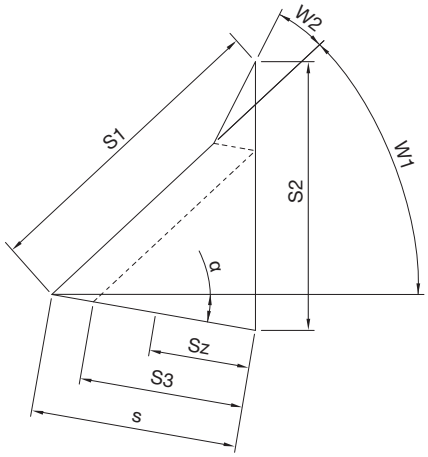


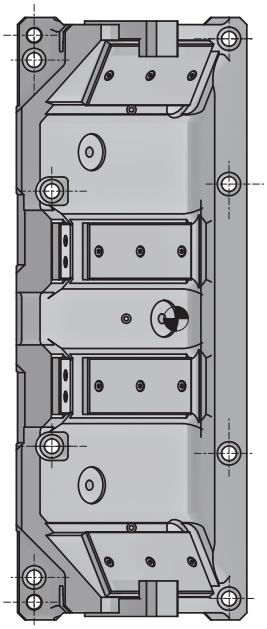


Gusstoleranzgrad CT nach DIN ISO 8062 (blau = Rohgussfläche)

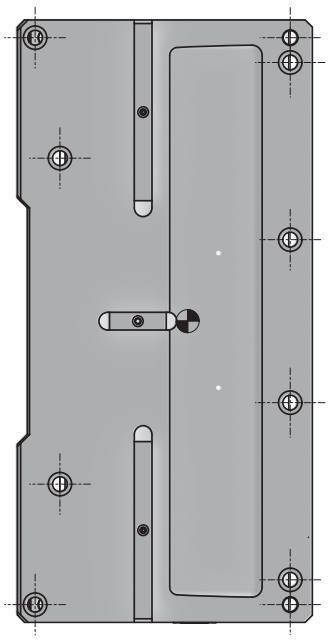
Casting tolerance grade CT according to DIN ISO 8062 (blue = raw casting area)

Degré de tolérance de coulée CT selon DIN ISO 8062 (bleu = zone de coulée brute)



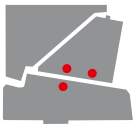


C



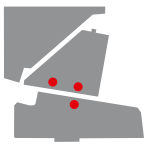
B

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

SN5652-PMU-Type 3

zusätzliche Gasdruckfeder/
additional gas spring /
additionnel ressort à gaz

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	+ SN5652-PMU-Type
> 1235	> 2122	> 2122	8	70	115

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-1000

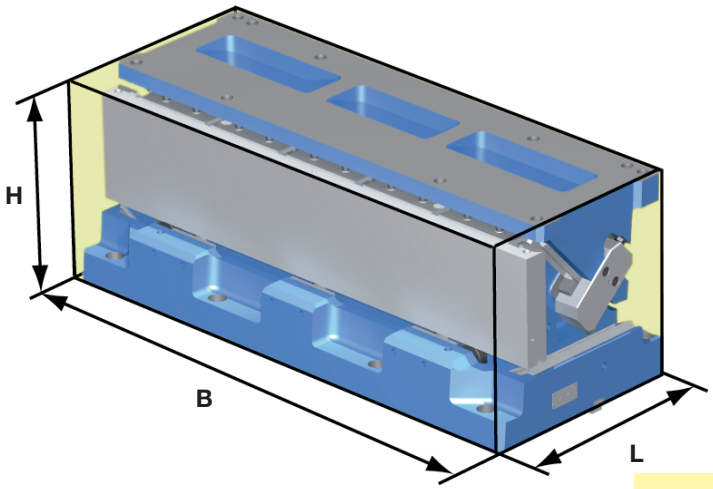
SN5650-PMU-1000-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage

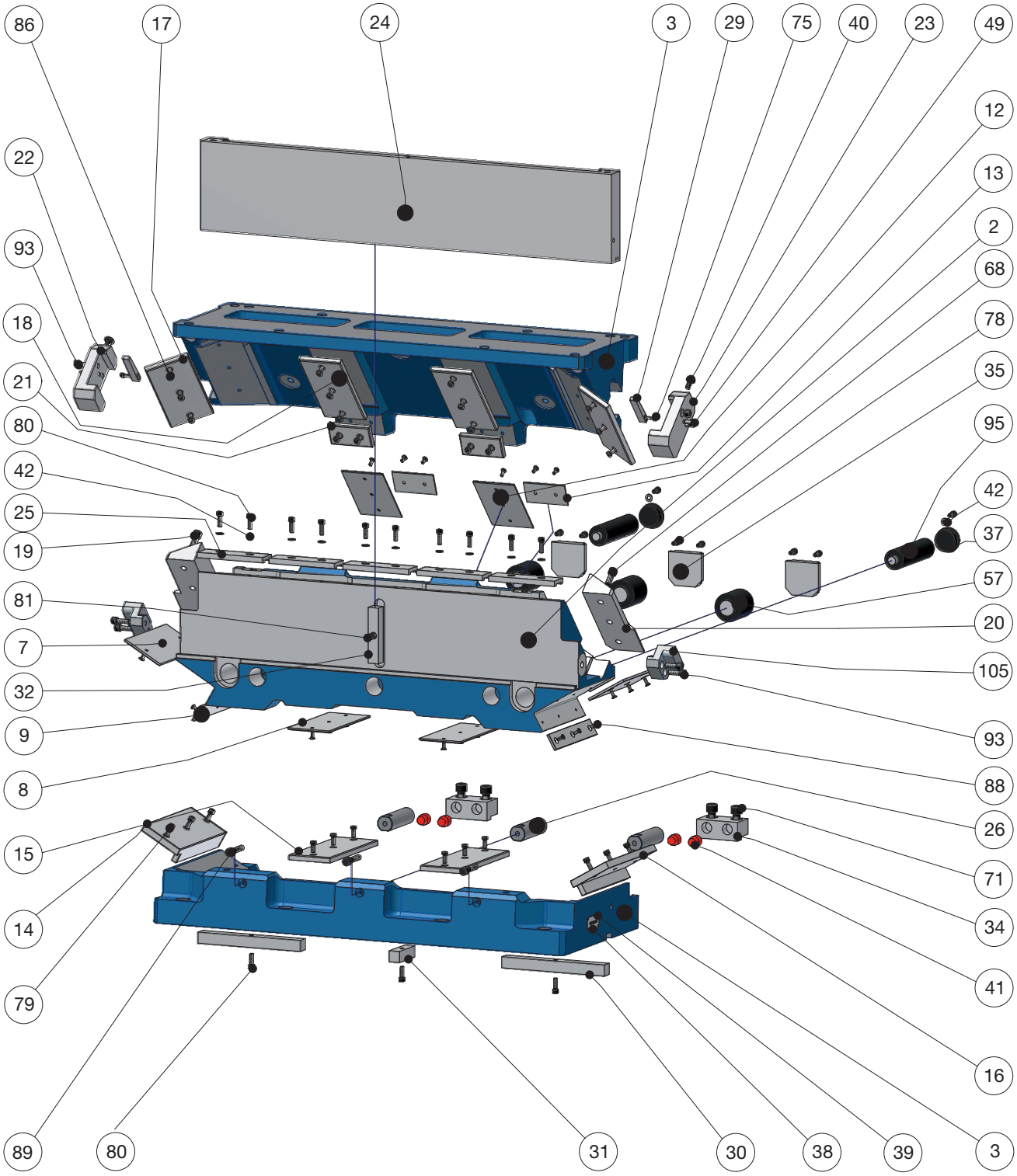


Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	406	395	416	405	419	433
B	1000	1000	1000	1000	1000	1000
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
W2	20°	20°	20°	20°	20°	20°
s	70	70	70	70	70	70
S1	117,9	100,7	104,2	90,1	91,6	79,6
S2	95,7	78,9	90,9	77,9	88,5	78
S3	52,1	59,3	51,4	58,2	48,9	55,3
Sz	47	47	47	47	47	47
H	375	375	375	375	375	375
B	1000	1000	1000	1000	1000	1000
b1	1000	1000	1000	1000	1000	1000
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180,00	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,5	127,5	127,5	127,5	127,5	127,5
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-1000

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
8	Beplankung Schieberbett Mitte / Planking slidebed centre / Plaques de protection plateau du coulisseau centre	SN5650-PMU-BSM ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
12	Beplankung Schieber-Treiber Mitte / Planking slider-driver centre / Plaques de protection coulisseau-propulseur centre	SN5650-PMU-BSTM ...
13	Beplankung Vorbeschleuniger Schieber / Planking pre-activator slider / Plaques de protection pré-activateur coulisseau	SN5650-PMU-BVS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
15	Gleitplatte Schieberaufnahme Mitte / Guideplate slide retainer centre / Plaque de frottement réception du coulisseau centre	SN5650-PMU-GSAM ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
18	Gleitplatte Schieber-Treiber Mitte / Guideplate slider-driver centre / Plaque de frottement coulisseau-propulseur centre	SN5650-PMU-GSTM ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
21	Gleitplatte Vorbeschleuniger Schieber / Guideplate pre-activator slider / Plaque de frottement pré-activateur coulisseau	SN5650-PMU-GVS ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
26	Distanzen / Distances / Distances	SN5650-PMU-DSV ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
35	Schieberverschluss / Slide catch / Bouchon du coulisseau	SN5650-PMU-SV ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
40	Sechskantschraube / Hexagonal screw / Vis hexagonale	SN5650-PMU-SKS ...
41	Dämpfungsstück / Absorbality piece / Pièce d'amortissement	SN1817 ...
42	Scheibe / Disc / Disque	SN5650-PMU-SB
49	Zylinderstift / Dowel pin / Goupille cylindrique	SN1975 ...
57	Gasdruckfeder / Gas spring / Ressort à gaz	SN2808 ...
68-89	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ... / SN3540 ...
88	Senkkopfschraube / Flat head screw / Vis à tête	SN3550 ...
93	Zylinderkopfschraube / Cylinder head cap screws / Vis 6 pans creux	SN3500 ...
95	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820 ...
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

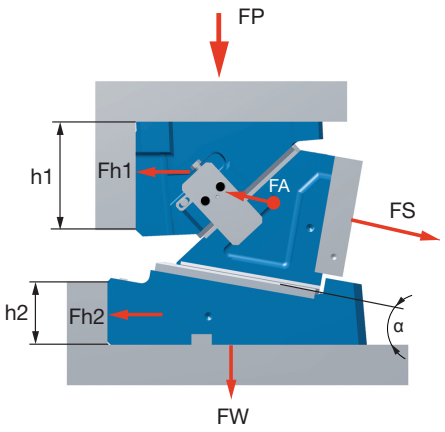
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SN5650-PMU-1000

Kraftverteilung | Force Distribution | Distribution de force

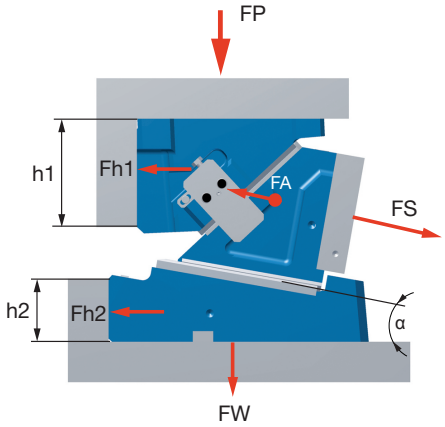
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1235	1120	1244	1120	-9	200	55	8
05°	1282	1173	1193	1057	78	205	78	8
10°	1328	1225	1142	994	166	210	100	8
15°	1370	1272	1087	916	230	198	125	8
20°	1411	1320	1031	837	295	185	150	8
25°	1411	1405	912	808	367	170	170	8



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN] Standard	+ SN5652
00°	2122	1960	2176	1960	-54	200	55	70	115
05°	2122	1976	2017	1792	88	205	78	73	118
10°	2122	1993	1859	1625	231	210	100	75	120
15°	2122	2007	1719	1460	323	198	125	71	116
20°	2121	2021	1579	1296	414	185	150	66	111
25°	2120	2150	1396	1254	525	170	170	66	111



SN5652-Type — zusätzliche Gasdruckfedern / additional gas springs / additionnel ressorts à gaz

SN5652-Type 3 — optional erhältlich / optional available / optionnel disponible

α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

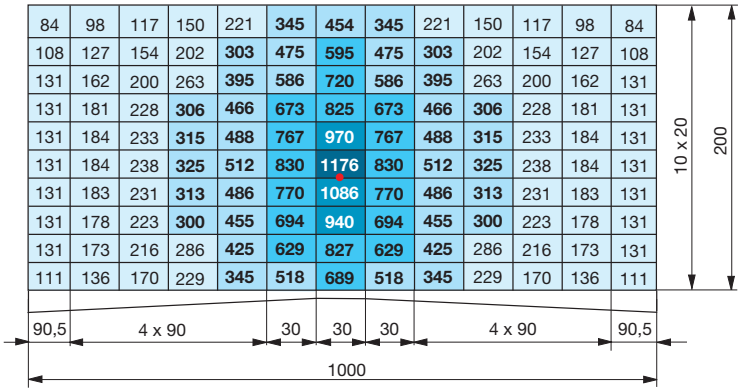
SN5650-PMU-1000 / Basis

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-1000-0°-B-N/Z

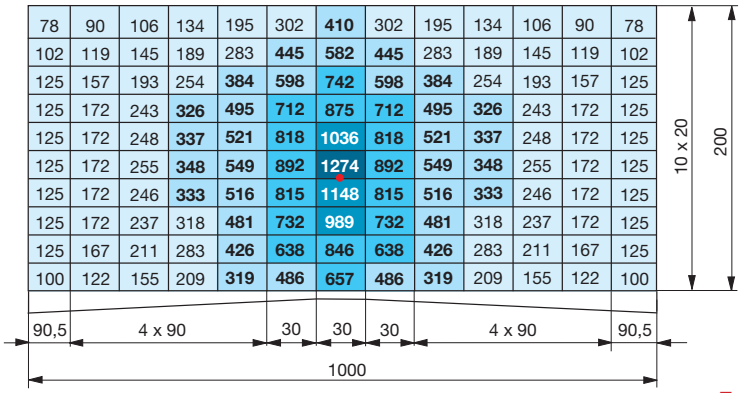


84	98	117	150	221	345	454	345	221	150	117	98	84
108	127	154	202	303	475	595	475	303	202	154	127	108
131	162	200	263	395	586	720	586	395	263	200	162	131
131	181	228	306	466	673	825	673	466	306	228	181	131
131	184	233	315	488	767	970	767	488	315	233	184	131
131	184	238	325	512	830	1176	830	512	325	238	184	131
131	183	231	313	486	770	1086	770	486	313	231	183	131
131	178	223	300	455	694	940	694	455	300	223	178	131
131	173	216	286	425	629	827	629	425	286	216	173	131
111	136	170	229	345	518	689	518	345	229	170	136	111

95	112	140	195	270	368	454	368	270	195	140	112	95
123	149	190	253	351	482	595	482	351	253	190	149	123
130	183	242	309	429	586	720	586	429	309	242	183	130
130	183	272	350	492	673	825	673	492	350	272	183	130
130	183	286	374	540	767	970	767	540	374	286	183	130
130	183	298	401	598	890	1176	890	598	401	298	183	130
130	183	292	386	570	834	1086	834	570	386	292	183	130
130	182	283	369	529	747	940	747	529	369	283	182	130
129	181	283	366	507	683	827	683	507	366	283	181	129
129	174	233	312	430	574	689	574	430	312	233	174	129

● F max. = 1235 kN

SN5650-PMU-1000-10°-B-N/Z

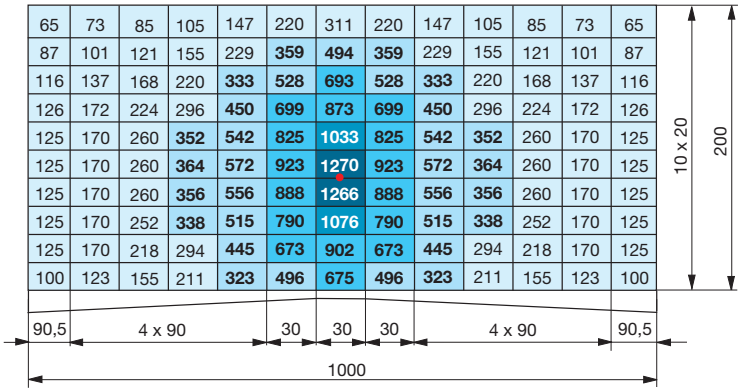


78	90	106	134	195	302	410	302	195	134	106	90	78
102	119	145	189	283	445	582	445	283	189	145	119	102
125	157	193	254	384	598	742	598	384	254	193	157	125
125	172	243	326	495	712	875	712	495	326	243	172	125
125	172	248	337	521	818	1036	818	521	337	248	172	125
125	172	255	348	549	892	1274	892	549	348	255	172	125
125	172	246	333	516	815	1148	815	516	333	246	172	125
125	172	237	318	481	732	989	732	481	318	237	172	125
125	167	211	283	426	638	846	638	426	283	211	167	125
100	122	155	209	319	486	657	486	319	209	155	122	100

78	90	106	134	195	302	440	302	195	134	106	90	78
102	119	145	189	283	445	646	445	283	189	145	119	102
125	157	193	254	384	602	853	602	384	254	193	157	125
125	172	243	326	495	755	1034	755	495	326	243	172	125
125	172	248	337	521	822	1054	822	521	337	248	172	125
125	172	255	348	549	892	1054	892	549	348	255	172	125
125	172	246	333	516	815	1054	815	516	333	246	172	125
125	172	237	318	481	732	989	732	481	318	237	172	125
125	167	211	283	426	638	846	638	426	283	211	167	125
100	122	155	209	319	486	657	486	319	209	155	122	100

● F max. = 1328 kN

SN5650-PMU-1000-20°-B-N/Z



65	73	85	105	147	220	311	220	147	105	85	73	65
87	101	121	155	229	359	494	359	229	155	121	101	87
116	137	168	220	333	528	693	528	333	220	168	137	116
126	172	224	296	450	699	873	699	450	296	224	172	126
125	170	260	352	542	825	1033	825	542	352	260	170	125
125	170	260	364	572	923	1270	923	572	364	260	170	125
125	170	260	356	556	888	1266	888	556	356	260	170	125
125	170	252	338	515	790	1076	790	515	338	252	170	125
125	170	218	294	445	673	902	673	445	294	218	170	125
100	123	155	211	323	496	675	496	323	211	155	123	100

70	81	97	126	186	252	311	252	186	126	97	81	70
97	114	142	197	285	395	494	395	285	197	142	114	97
125	159	204	281	369	552	640	552	369	281	204	159	125
125	171	264	356	502	644	640	644	502	356	264	171	125
124	169	259	411	588	645	640	645	588	411	259	169	124
124	169	259	444	655	645	640	645	655	444	259	169	124
124	169	259	439	652	645	640	645	652	439	259	169	124
124	168	258	427	611	645	640	645	611	427	258	168	124
124	168	258	392	547	645	640	645	547	392	258	168	124
122	155	209	302	418	561	640	561	418	302	209	155	122

● F max. = 1411 kN

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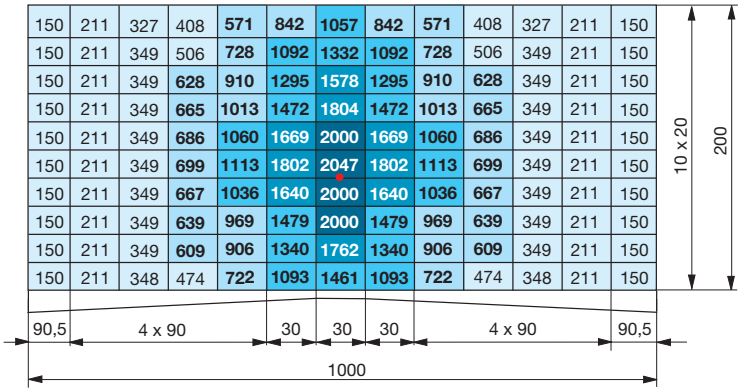
SN5650-PMU-1000 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler

SN5650-PMU-1000-0°-M/P-N/Z

150	211	327	408	**571**	**842**	**1057**	**842**	**571**	408	327	211	150
150	211	349	506	**728**	**1092**	**1332**	**1092**	**728**	506	349	211	150
150	211	349	**628**	**910**	**1295**	**1578**	**1295**	**910**	**628**	349	211	150
150	211	349	**665**	**1013**	**1472**	**1804**	**1472**	**1013**	**665**	349	211	150
150	211	349	**686**	**1060**	**1669**	**2000**	**1669**	**1060**	**686**	349	211	150
150	211	349	**699**	**1113**	**1802**	**2047**	**1802**	**1113**	**699**	349	211	150
150	211	349	**667**	**1036**	**1640**	**2000**	**1640**	**1036**	**667**	349	211	150
150	211	349	**639**	**969**	**1479**	**2000**	**1479**	**969**	**639**	349	211	150
150	211	349	**609**	**906**	**1340**	**1762**	**1340**	**906**	**609**	349	211	150
150	211	348	474	**722**	**1093**	**1461**	**1093**	**722**	474	348	211	150



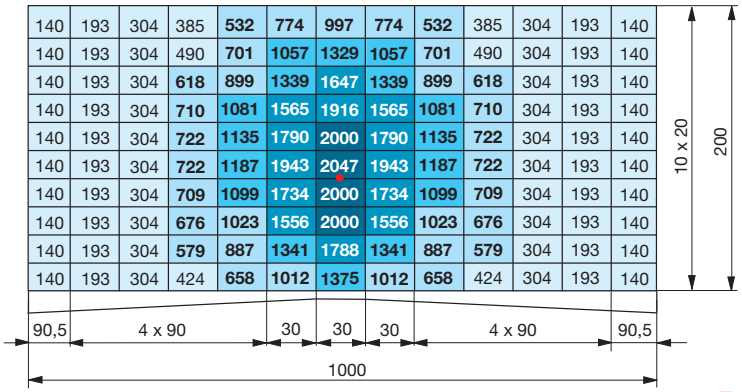
● F max. = 2122 kN

Passfeder / Fitting Key / Clavette

148	209	345	497	**660**	**871**	**1057**	**871**	**660**	497	345	209	148
148	209	345	**599**	**812**	**1092**	**1332**	**1092**	**812**	**599**	345	209	148
148	209	345	**706**	**963**	**1295**	**1578**	**1295**	**963**	**706**	345	209	148
148	209	345	**767**	**1076**	**1472**	**1804**	**1472**	**1076**	**767**	345	209	148
148	209	345	**819**	**1181**	**1675**	**2000**	**1675**	**1181**	**819**	345	209	148
148	209	345	**871**	**1308**	**1943**	**2050**	**1943**	**1308**	**871**	345	209	148
148	209	345	**822**	**1213**	**1761**	**2000**	**1761**	**1213**	**822**	345	209	148
147	207	343	**792**	**1132**	**1558**	**2000**	**1558**	**1132**	**792**	343	207	147
147	207	343	**783**	**1082**	**1456**	**1762**	**1456**	**1082**	**783**	343	207	147
147	207	343	**654**	**907**	**1215**	**1461**	**1215**	**907**	**654**	343	207	147

SN5650-PMU-1000-10°-M/P-N/Z

140	193	304	385	**532**	**774**	**997**	**774**	**532**	385	304	193	140
140	193	304	490	**701**	**1057**	**1329**	**1057**	**701**	490	304	193	140
140	193	304	**618**	**899**	**1339**	**1647**	**1339**	**899**	**618**	304	193	140
140	193	304	**710**	**1081**	**1565**	**1916**	**1565**	**1081**	**710**	304	193	140
140	193	304	**722**	**1135**	**1790**	**2000**	**1790**	**1135**	**722**	304	193	140
140	193	304	**722**	**1187**	**1943**	**2047**	**1943**	**1187**	**722**	304	193	140
140	193	304	**709**	**1099**	**1734**	**2000**	**1734**	**1099**	**709**	304	193	140
140	193	304	**676**	**1023**	**1556**	**2000**	**1556**	**1023**	**676**	304	193	140
140	193	304	**579**	**887**	**1341**	**1788**	**1341**	**887**	**579**	304	193	140
140	193	304	424	**658**	**1012**	**1375**	**1012**	**658**	424	304	193	140

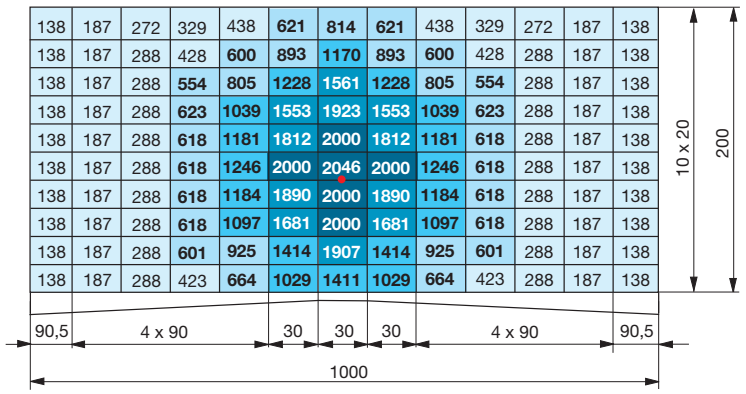


● F max. = 2122 kN

139	191	302	**477**	**628**	**825**	**997**	**825**	**628**	**477**	302	191	139
139	191	302	**593**	**805**	**1084**	**1329**	**1084**	**805**	**593**	302	191	139
139	191	302	**717**	**986**	**1339**	**1348**	**1339**	**986**	**717**	302	191	139
139	191	302	**713**	**1145**	**1356**	**1348**	**1356**	**1145**	**713**	302	191	139
139	191	302	**713**	**1264**	**1356**	**1348**	**1356**	**1264**	**713**	302	191	139
139	191	302	**713**	**1366**	**1356**	**1348**	**1356**	**1366**	**713**	302	191	139
138	191	301	**713**	**1285**	**1356**	**1348**	**1356**	**1285**	**713**	301	191	138
139	190	300	**707**	**1214**	**1355**	**1348**	**1355**	**1214**	**707**	300	190	139
138	190	300	**718**	**1091**	**1354**	**1348**	**1354**	**1091**	**718**	300	190	138
138	190	300	**612**	**850**	**1142**	**1348**	**1142**	**850**	**612**	300	190	138

SN5650-PMU-1000-20°-M/P-N/Z

138	187	272	329	438	**621**	**814**	**621**	438	329	272	187	138
138	187	288	428	**600**	**893**	**1170**	**893**	**600**	428	288	187	138
138	187	288	**554**	**805**	**1228**	**1561**	**1228**	**805**	**554**	288	187	138
138	187	288	**623**	**1039**	**1553**	**1923**	**1553**	**1039**	**623**	288	187	138
138	187	288	**618**	**1181**	**1812**	**2000**	**1812**	**1181**	**618**	288	187	138
138	187	288	**618**	**1246**	**2000**	**2046**	**2000**	**1246**	**618**	288	187	138
138	187	288	**618**	**1184**	**1890**	**2000**	**1890**	**1184**	**618**	288	187	138
138	187	288	**618**	**1097**	**1681**	**2000**	**1681**	**1097**	**618**	288	187	138
138	187	288	**601**	**925**	**1414**	**1907**	**1414**	**925**	**601**	288	187	138
138	187	288	423	**664**	**1029**	**1411**	**1029**	**664**	423	288	187	138



● F max. = 2121 kN

137	186	**286**	**399**	**525**	**678**	**793**	**678**	**525**	**399**	**286**	186	137
137	186	**286**	**533**	**713**	**793**	**793**	**793**	**713**	**533**	**286**	186	137
137	186	**286**	**653**	**804**	**797**	**793**	**797**	**804**	**653**	**286**	186	137
137	186	**286**	**616**	**810**	**799**	**793**	**799**	**810**	**616**	**286**	186	137
137	186	**286**	**613**	**811**	**800**	**793**	**800**	**811**	**613**	**286**	186	137
137	186	**286**	**613**	**811**	**800**	**793**	**800**	**811**	**613**	**286**	186	137
136	186	**285**	**613**	**811**	**800**	**793**	**800**	**811**	**613**	**285**	186	136
138	186	**284**	**608**	**811**	**800**	**793**	**800**	**811**	**608**	**284**	186	138
136	186	**284**	**619**	**809**	**799**	**793**	**799**	**809**	**619**	**284**	186	136
136	186	**284**	**621**	**802**	**796**	**793**	**796**	**802**	**621**	**284**	186	136

D 1801C 01.2019

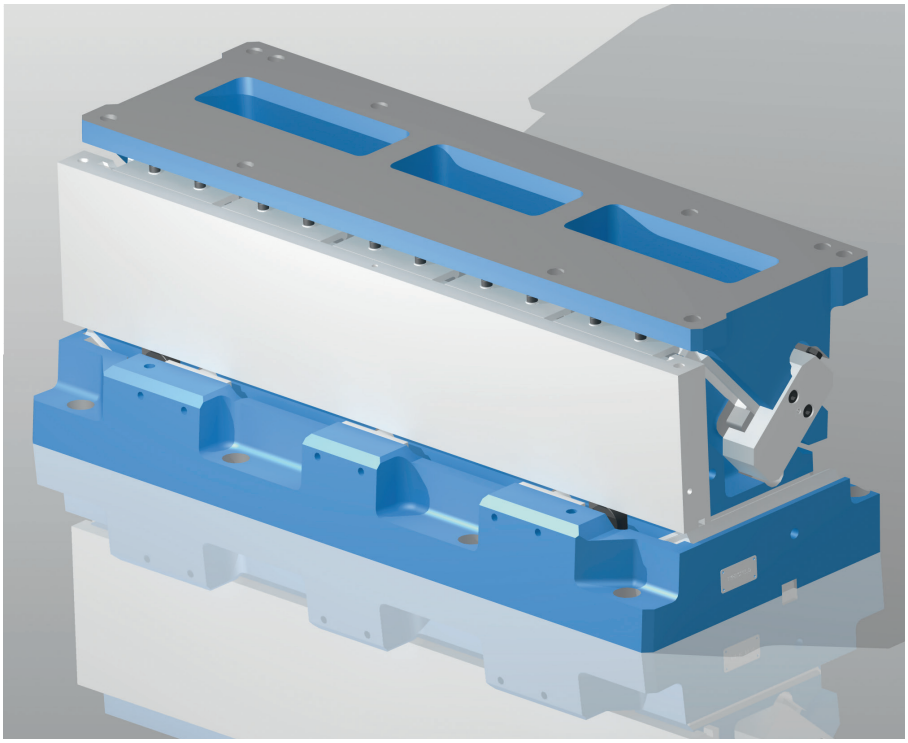
STRACK NORMA GmbH & Co. KG · Königsberger Str. 11 · D-58511 Lüdenscheid · Tel +49 2351 8701-0 · www.strack.de

Unten stehende Schieber	Die mount cam unit	Coulisseau monté en bas

SN5650-PMU-1200



Mat.: EN-GJS-600-3 (GGG 60)



Arbeitsfläche:	Working Area:	Plan de travail:
1200 mm x 200 mm	1200 mm x 200 mm	1200 mm x 200 mm
Schieberbreite max.:	Cam Unit Width max.:	Largeur du coulisseau max.:
1200 mm	1200 mm	1200 mm
Einbauhöhe:	Installation height:	Hauteur de montage:
375 mm	375 mm	375 mm
Presskraft:	Press force:	Force de pressage:
2499 kN	2499 kN	2499 kN

PMU-1200

Befestigung / Fixing / Fixation

Angaben beruhen auf einer Einschraubtiefe von: / Information is based on screw-in depth of: / Les informations sont basées sur la profondeur de vissage de:

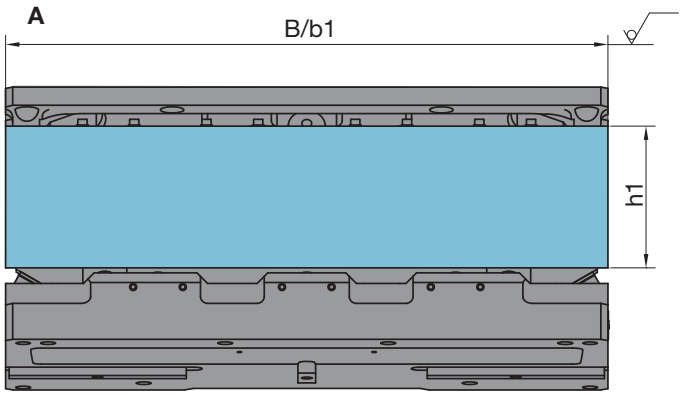
	2,5 x d bei niedrigen Gussqualitäten for low casting qualities pour qualités de fonte faibles	**1,5 x d** bei Gussqualitäten GG25 oder höher for casting qualities GG25 or higher pour qualités de fonte GG25 ou plus hautes
Schrauben / Screw / Vis Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 70 8x - M24 - 80	**Anzahl / Quantity / Nombre - d - l** 8x - M20 - 50 8x - M24 - 55
Stifte / Dowel pins / Goupilles Treiber / Driver / Propulseur Schieberführung / Slide retainer / Réception du coulisseau	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60	**Anzahl / Quantity / Nombre - d - l** 2x - ∅20 - 60
Passfedern / Fitting keys / Clavettes Schieberführung / Slide retainer / Réception du coulisseau längs / longitudinal / longitudinale quer / across / en travers	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 250 x 25 x 25	**Anzahl / Quantity / Nombre - l x b x h** 1x - 80 x 25 x 25 2x - 250 x 25 x 25

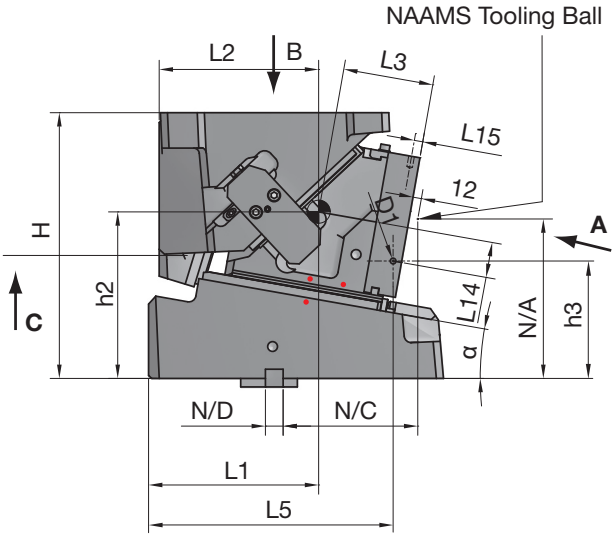
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Unten stehender Normschieber SN5650-PMU-1200

Die mount cam unit SN5650-PMU-1200

Coulisseau monté en bas SN5650-PMU-1200

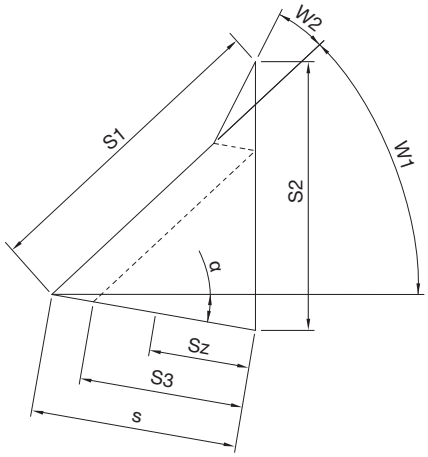


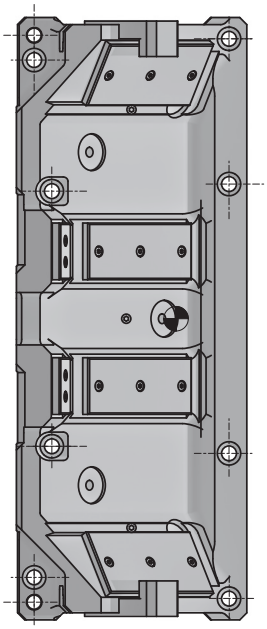


Gusstoleranzgrad CT nach DIN ISO 8062
(blau = Rohgussfläche)

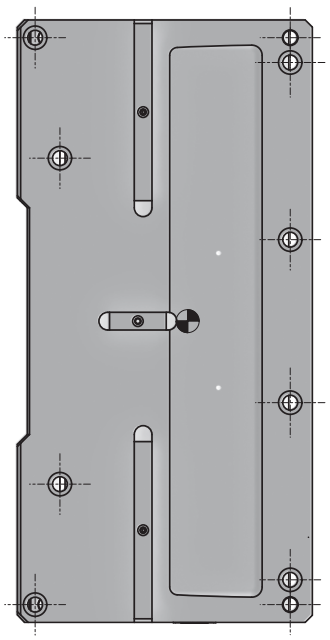
Casting tolerance grade CT according to
DIN ISO 8062 (blue = raw casting area)

Degré de tolérance de coulée CT selon
DIN ISO 8062 (bleu = zone de coulée brute)



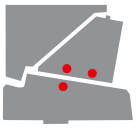


C



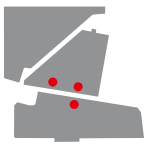
B

Positionskontrolle:
Control of position:
Contrôle de la position:



Pos. 1

Schieber zusammengefahren
Cam is moved together
Coulisseau est fermé



Pos. 2

Schieber ausgefahren
Cam is extended
Coulisseau est étendu

SN5652-PMU-Type 3

zusätzliche Gasdruckfeder/
additional gas spring /
additionnel ressort à gaz

N/*= Maße NAAMS
N/*= Dimensions NAAMS
N/*= Dimensions NAAMS

(Z) = Maße nur für Zylinderstift Zentrierung
(Z) = Dimensions only for dowel pin alignment
(Z) = Dimensions seulement pour le centrage de la goupille cylindrique

Presskraft [kN]	Press force [kN]	Force de pressage [kN]	Rückzugskraft [kN]	Retraction force [kN]	Force à retour [kN]
Basis	Medium	Premium	Basis	Medium / Premium Standard	+ SN5652-PMU-Type
> 1348	> 2499	> 2499	8	70	115

D 1812C 06.2019

Unten stehender Normschieber | Die mount cam unit | Coulisseau monté en bas

SN5650-PMU-1200

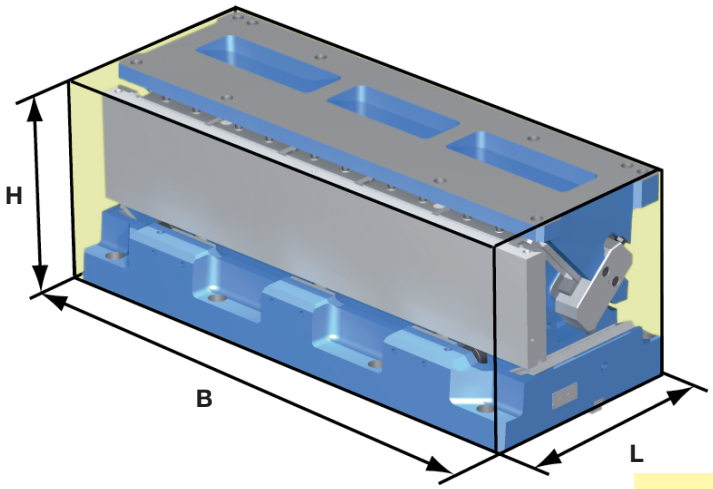
SN5650-PMU-1200-α-B/M/P-N/Z

Mat.: EN-GJS-600-3 (GGG 60)

B = Basis
M = Medium
P = Premium

N = Nutenstein - Zentrierung
Sliding block - Alignment
Clavette - Centrage

Z = Zylinderstift - Zentrierung
Dowel pin - Alignment
Goupille cylindrique - Centrage



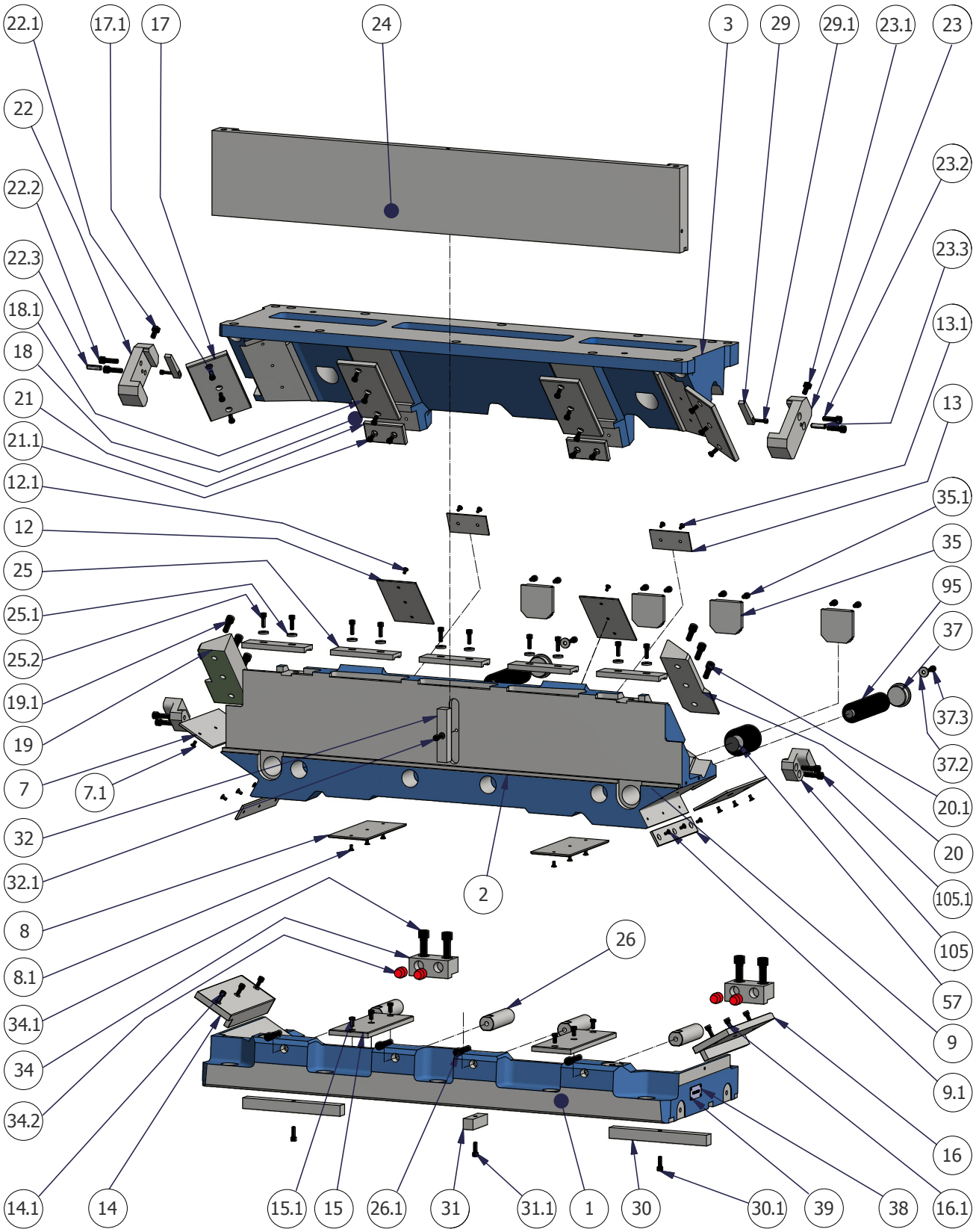
Einbauraum
Installation space
Espace de montage

α	0°	5°	10°	15°	20°	25°
L	405	395	415	405	419	433
B	1200	1200	1200	1200	1200	1200
H	375	375	375	375	375	375
W1	48°	43°	43°	38°	38°	33°
W2	20°	20°	20°	20°	20°	20°
s	70	70	70	70	70	70
S1	117,9	100,7	104,2	90,1	91,6	79,6
S2	95,7	78,9	90,9	77,9	88,5	78
S3	56,9	62,4	55,7	61,2	52,8	58,3
Sz	47	47	47	47	47	47
H	375	375	375	375	375	375
B	1200	1200	1200	1200	1200	1200
b1	1200	1200	1200	1200	1200	1200
h1	200	200	200	200	200	200
h2	230	230	235	235	240	240
h3	180	170,12	165,70	156,81	153,51	145,87
L1	210	220	240	250	265	275
L2	205	200	225	220	245	240
L3	127,50	127,50	127,50	127,50	127,50	127,50
L5	325,50	330,70	345,06	348,62	356,43	358,55
N/A	260	235	225	210	195	195
N/C	170	180	190	200	210	210
N/D	25	25	25	25	25	25

D 1801C 01.2019

SN5650-PMU-1200

Bauteile	Components	Éléments



Angaben zum ***Lock-Out-System*** ab Seite 269 / Further details about ***Lock-Out-System*** from page 269 / Détails supplémentaires dont ***Système de verrouillage*** à page 269

SN5650-PMU-1200

Stückliste | List of items | Liste des pièces

Nr. No. no.	Artikel Article L'article	Benennung Description Dénomination
1	Schieberaufnahme Fertigteil / Slide retainer, machined part / Réception du coulisseau, élément fabriqué	SN5650-PMU-SAF ...
2	Schieberkörper Fertigteil / Slidebody, machined part / Corps du coulisseau, élément fabriqué	SN5650-PMU-SKF ...
3	Treiber Fertigteil / Driver unit, machined part / Propulseur, élément fabriqué	SN5650-PMU-TF ...
7	Beplankung Schieberbett / Planking slidebed / Plaques de protection plateau du coulisseau	SN5650-PM-BS ...
8	Beplankung Schieberbett Mitte / Planking slidebed centre / Plaques de protection plateau du coulisseau centre	SN5650-PMU-BSM ...
9	Beplankung seitlich Schieberbett / Planking collateral slidebed / Plaques de protection latérales plateau du coulisseau	SN5650-PMU-BSS ...
12	Beplankung Schieber-Treiber Mitte / Planking slider-driver centre / Plaques de protection coulisseau-propulseur centre	SN5650-PMU-BSTM ...
13	Beplankung Vorbeschleuniger Schieber / Planking pre-activator slider / Plaques de protection pré-activateur coulisseau	SN5650-PMU-BVS ...
14	Gleitplatte Schieberaufnahme links / Guideplate slide retainer left / Plaque de frottement réception du coulisseau à gauche	SN5650-PM-GSA1 ...
15	Gleitplatte Schieberaufnahme Mitte / Guideplate slide retainer centre / Plaque de frottement réception du coulisseau centre	SN5650-PMU-GSAM ...
16	Gleitplatte Schieberaufnahme rechts / Guideplate slide retainer right / Plaque de frottement réception du coulisseau à droite	SN5650-PM-GSA2 ...
17	Gleitplatte Schieber-Treiber / Guideplate slider-driver / Plaque de frottement coulisseau-propulseur	SN5650-PM-GST ...
18	Gleitplatte Schieber-Treiber Mitte / Guideplate slider-driver centre / Plaque de frottement coulisseau-propulseur centre	SN5650-PMU-GSTM ...
19	Gleitstück Treiber links / Guidepiece driver left / Pièce coulissante propulseur à gauche	SN5650-PMU-GTL ...
20	Gleitstück Treiber rechts / Guidepiece driver right / Pièce coulissante propulseur à droite	SN5650-PMU-GTR ...
21	Gleitplatte Vorbeschleuniger Schieber / Guideplate pre-activator slider / Plaque de frottement pré-activateur coulisseau	SN5650-PMU-GVS ...
22	Zwangsrückzug links / Active return left / Retour actif à gauche	SN5650-PMU-ZWL ...
23	Zwangsrückzug rechts / Active return right / Retour actif à droite	SN5650-PMU-ZWR ...
24	Aufbauplatte / Mounting plate / Plaque de montage	SN5650-PMU-AP ...
25	Klammer Aufbauplatte / Crank mounting plate / Clip plaque de montage	SN5650-PMU-AK ...
26	Distanzen / Distances / Distances	SN5650-PMU-DSV ...
29	Keil Zwangsrückzug / Key active return / Clavette retour actif	SN5650-PM-KEZ ...
30	Passfeder 1 / Fitting key 1 / Clavette 1	SN5650-PM-PS1 ...
31	Passfeder 2 / Fitting key 2 / Clavette 2	SN5650-PM-PS2 ...
32	Passfeder Aufbauplatte / Fitting key mounting plate / Clavette plaque de montage	SN5650-PM-PS ...
34	Schieberanschlag / Slide stop / Butée du coulisseau	SN5650-PMU-SA ...
35	Schieberverschluss / Slide catch / Bouchon du coulisseau	SN5650-PMU-SV ...
37	Verschlussstopfen / Plug / Bouchon d'étanchéité	SN5650-PM-VS ...
38	Typschild / Type plate / Anneau du type	SN5650-PMU-TYPS ...
39	Popniete / Rivet / Rivet	SN5650-PMU-PN ...
57	Gasdruckfeder / Gas spring / Ressort à gaz	SN2808-V-1500-25
95	Gasdruckfeder / Gas spring / Ressort à gaz	SN2820-500-80
105	Einsatz Zwangsrückzug Schieber / Application active return slider / Garniture de retour actif coulisseau	SN5650-PMO-EZS ...

Detailierte Stücklisten, winkelabhängige Bauteilbezeichnungen sowie alle Schrauben und Stifte entnehmen Sie bitte der Ersatzteilstückliste im WEB-Shop unter http://www.strack.de/shop/.

Detailed parts lists, angle-dependent component names as well as all screws and dowelpins, please refer to the spare parts list in the webshop under http://www.strack.de/shop/.

Vous trouverez les listes des pièces détaillées, les désignations des composants dépendant de l'angle et toutes les vis et les goupilles dans les listes des pièces de rechange dans la boutique en ligne sous http://www.strack.de/shop/.

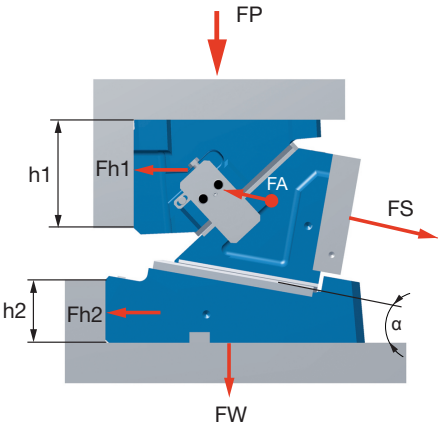
D 1801C 01.2019

SN5650-PMU-1200

Kraftverteilung | Force Distribution | Distribution de force

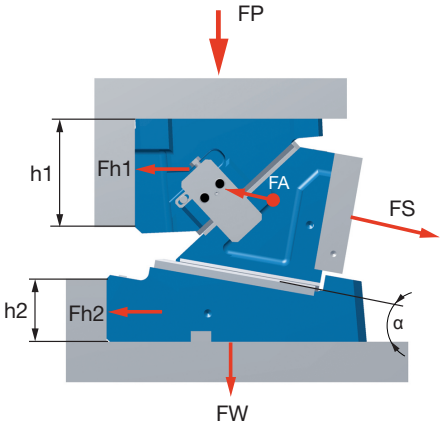
Basis

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN]
00°	1348	1222	1357	1222	-9	174	195	8
05°	1399	1279	1301	1153	86	185	148	8
10°	1449	1336	1245	1084	182	195	100	8
15°	1495	1388	1185	998	252	185	125	8
20°	1540	1440	1125	913	322	175	150	8
25°	1540	1532	995	881	401	175	150	8



Medium / Premium

α	[kN] FS	FP	Fh1	FW	Fh2	[mm] h1	h2	FA [kN] Standard	+ SN5652
00°	2499	2313	2568	2313	-69	174	195	70	115
05°	2499	2332	2380	2115	99	185	148	73	118
10°	2498	2351	2192	1917	268	195	100	75	120
15°	2498	2368	2028	1724	375	185	125	71	116
20°	2497	2385	1863	1531	483	175	150	66	111
25°	2496	2537	1648	1482	615	175	150	66	111



SN5652-Type — zusätzliche Gasdruckfedern / additional gas springs / additionnel ressorts à gaz

SN5652-Type 3 — optional erhältlich / optional available / optionnel disponible

α	FP	FW	FS	FA	Fh1	Fh2
Schieberwinkel Cam Angle Angle du Coulisseau	P-Presse P-Press P-Presse	W-Werkzeug W-Tool W-Outillage	S-Schieberkraft S-Cam Force S-Force du Coulisseau	A-Abstreifkraft A-Retractility A-Force démouler	h1-Abschulterung oben h1-Shouldering above h1-Épauler en haut	h2-Abschulterung unten h2-Shouldering below h2-Épauler en bas

SN5650-PMU-1200 / Basis

Schieberkräfte	Cam Force	Force du coulisseau

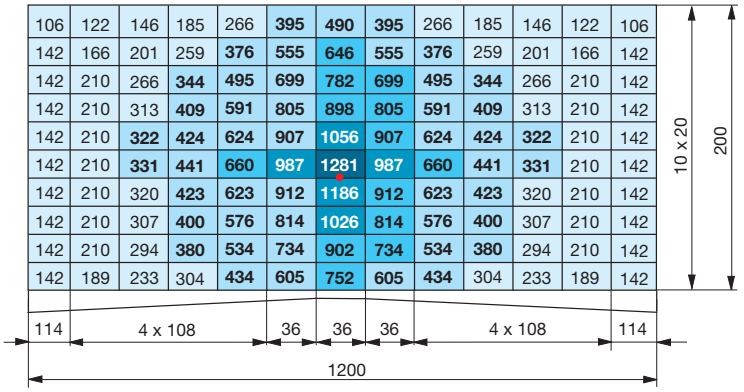
Abschulterung / Shouldering / Épauler

Passfeder / Fitting Key / Clavette

SN5650-PMU-1200-0°-B-N/Z

106	122	146	185	266	395	490	395	266	185	146	122	106
142	166	201	259	376	555	646	555	376	259	201	166	142
142	210	266	344	495	699	782	699	495	344	266	210	142
142	210	313	409	591	805	898	805	591	409	313	210	142
142	210	322	424	624	907	1056	907	624	424	322	210	142
142	210	331	441	660	987	1281	987	660	441	331	210	142
142	210	320	423	623	912	1186	912	623	423	320	210	142
142	210	307	400	576	814	1026	814	576	400	307	210	142
142	210	294	380	534	734	902	734	534	380	294	210	142
142	189	233	304	434	605	752	605	434	304	233	189	142

10 x 20 | 200



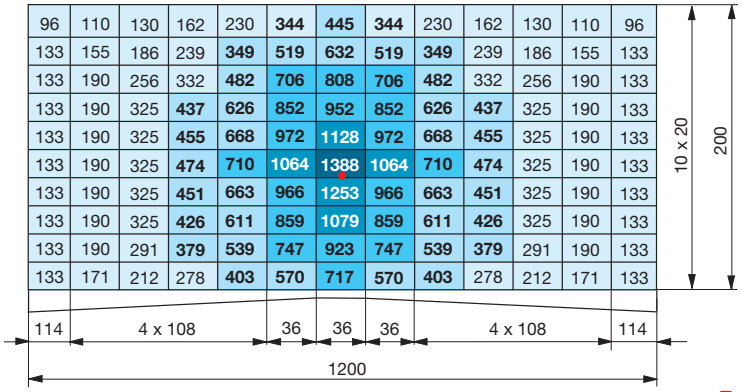
122	145	181	252	351	432	490	432	351	252	181	145	122
142	202	261	369	468	572	646	572	468	369	261	202	142
142	209	362	458	577	699	782	699	577	458	362	209	142
142	209	388	529	666	805	898	805	666	529	388	209	142
142	209	388	581	749	929	1056	929	749	581	388	209	142
142	209	388	643	856	1099	1281	1099	856	643	388	209	142
142	209	388	613	809	1026	1186	1026	809	613	388	209	142
141	209	388	570	733	905	1026	905	733	570	388	209	141
141	208	386	548	682	815	902	815	682	548	386	208	141
141	208	345	463	574	682	752	682	574	463	345	208	141

● F max. = 1348 kN

SN5650-PMU-1200-10°-B-N/Z

96	110	130	162	230	344	445	344	230	162	130	110	96
133	155	186	239	349	519	632	519	349	239	186	155	133
133	190	256	332	482	706	808	706	482	332	256	190	133
133	190	325	437	626	852	952	852	626	437	325	190	133
133	190	325	455	668	972	1128	972	668	455	325	190	133
133	190	325	474	710	1064	1388	1064	710	474	325	190	133
133	190	325	451	663	966	1253	966	663	451	325	190	133
133	190	325	426	611	859	1079	859	611	426	325	190	133
133	190	291	379	539	747	923	747	539	379	291	190	133
133	171	212	278	403	570	717	570	403	278	212	171	133

10 x 20 | 200



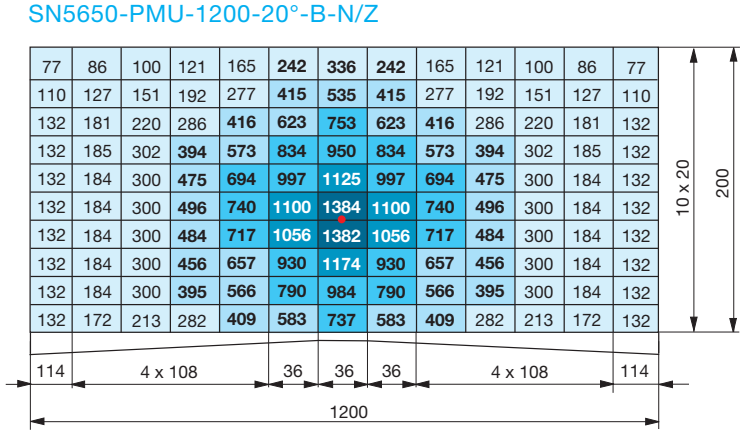
108	127	157	213	313	389	445	389	313	213	157	127	108
133	185	237	337	451	556	632	556	451	337	237	185	133
133	189	323	462	586	716	808	716	586	462	323	189	133
133	189	323	561	705	852	952	852	705	561	323	189	133
133	189	323	621	801	993	1063	993	801	621	323	189	133
133	189	323	693	924	1063	1063	1063	924	693	323	189	133
133	189	323	652	858	1063	1063	1063	858	652	323	189	133
132	189	323	614	783	958	958	958	783	614	323	189	132
132	189	323	563	700	835	923	835	700	563	323	189	132
132	189	310	440	544	650	717	650	544	440	310	189	132

● F max. = 1449 kN

SN5650-PMU-1200-20°-B-N/Z

77	86	100	121	165	242	336	242	165	121	100	86	77
110	127	151	192	277	415	535	415	277	192	151	127	110
132	181	220	286	416	623	753	623	416	286	220	181	132
132	185	302	394	573	834	950	834	573	394	302	185	132
132	184	300	475	694	997	1125	997	694	475	300	184	132
132	184	300	496	740	1100	1384	1100	740	496	300	184	132
132	184	300	484	717	1056	1382	1056	717	484	300	184	132
132	184	300	456	657	930	1174	930	657	456	300	184	132
132	184	300	395	566	790	984	790	566	395	300	184	132
132	172	213	282	409	583	737	583	409	282	213	172	132

10 x 20 | 200



85	96	115	147	230	286	336	286	230	147	115	96	85
125	149	185	256	374	469	535	469	374	256	185	149	125
132	185	284	410	535	644	644	644	535	410	284	185	132
132	185	302	539	655	655	655	655	655	539	302	185	132
131	184	300	636	673	673	673	673	673	636	300	184	131
131	184	300	673	673	673	673	673	673	673	300	184	131
131	184	300	673	673	673	673	673	673	673	300	184	131
131	183	299	662	662	662	673	662	662	662	299	183	131
131	183	299	594	656	656	656	656	656	594	299	183	131
131	183	299	450	560	645	645	645	560	450	299	183	131

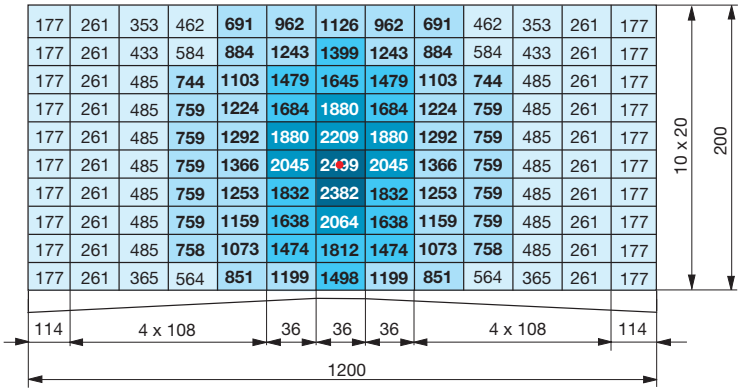
● F max. = 1540 kN

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SN5650-PMU-1200 / Medium / Premium

Schieberkräfte | Cam Force | Force du coulisseau

Abschulterung / Shouldering / Épauler



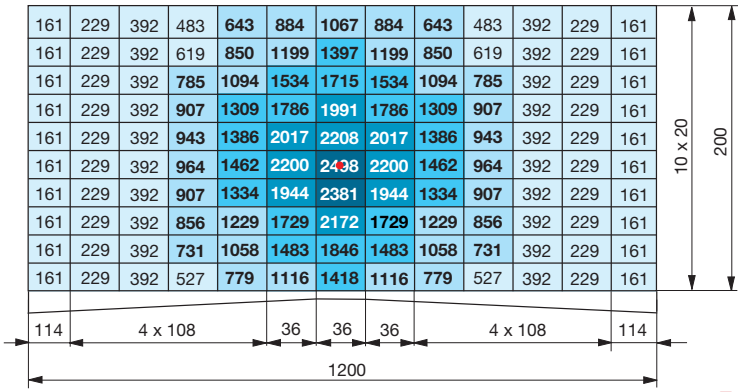
177	261	353	462	**691**	**962**	**1126**	**962**	**691**	462	353	261	177
177	261	433	584	**884**	**1243**	**1399**	**1243**	**884**	584	433	261	177
177	261	485	**744**	**1103**	**1479**	**1645**	**1479**	**1103**	**744**	485	261	177
177	261	485	**759**	**1224**	**1684**	**1880**	**1684**	**1224**	**759**	485	261	177
177	261	485	**759**	**1292**	**1880**	**2209**	**1880**	**1292**	**759**	485	261	177
177	261	485	**759**	**1366**	**2045**	**2499**	**2045**	**1366**	**759**	485	261	177
177	261	485	**759**	**1253**	**1832**	**2382**	**1832**	**1253**	**759**	485	261	177
177	261	485	**759**	**1159**	**1638**	**2064**	**1638**	**1159**	**759**	485	261	177
177	261	485	**758**	**1073**	**1474**	**1812**	**1474**	**1073**	**758**	485	261	177
177	261	365	564	**851**	**1199**	**1498**	**1199**	**851**	564	365	261	177

Passfeder / Fitting Key / Clavette

176	260	482	**689**	**845**	**1009**	**1126**	**1009**	**845**	**689**	482	260	176
176	260	482	**845**	**1044**	**1254**	**1399**	**1254**	**1044**	**845**	482	260	176
176	260	482	**1000**	**1236**	**1479**	**1645**	**1479**	**1236**	**1000**	482	260	176
176	260	482	**1109**	**1395**	**1684**	**1880**	**1684**	**1395**	**1109**	482	260	176
176	260	482	**1216**	**1569**	**1945**	**2209**	**1945**	**1569**	**1216**	482	260	176
176	260	482	**1342**	**1792**	**2299**	**2499**	**2299**	**1792**	**1342**	482	260	176
176	260	482	**1233**	**1625**	**2063**	**2382**	**2063**	**1625**	**1233**	482	260	176
175	259	481	**1154**	**1479**	**1823**	**2064**	**1823**	**1479**	**1154**	481	259	175
175	259	481	**1106**	**1372**	**1637**	**1812**	**1637**	**1372**	**1106**	481	259	175
175	259	481	**913**	**1136**	**1354**	**1498**	**1354**	**1136**	**913**	481	259	175

● F max. = 2499 kN

SN5650-PMU-1200-10°-M/P-N/Z

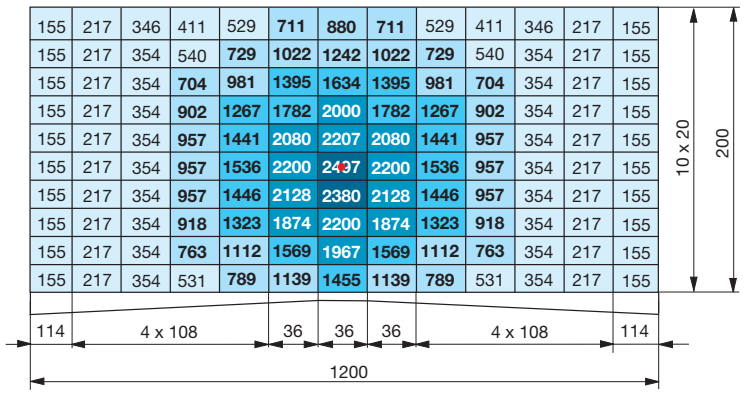


161	229	392	483	**643**	**884**	**1067**	**884**	**643**	483	392	229	161
161	229	392	619	**850**	**1199**	**1397**	**1199**	**850**	619	392	229	161
161	229	392	**785**	**1094**	**1534**	**1715**	**1534**	**1094**	**785**	392	229	161
161	229	392	**907**	**1309**	**1786**	**1991**	**1786**	**1309**	**907**	392	229	161
161	229	392	**943**	**1386**	**2017**	**2208**	**2017**	**1386**	**943**	392	229	161
161	229	392	**964**	**1462**	**2200**	**2498**	**2200**	**1462**	**964**	392	229	161
161	229	392	**907**	**1334**	**1944**	**2381**	**1944**	**1334**	**907**	392	229	161
161	229	392	**856**	**1229**	**1729**	**2172**	**1729**	**1229**	**856**	392	229	161
161	229	392	**731**	**1058**	**1483**	**1846**	**1483**	**1058**	**731**	392	229	161
161	229	392	527	**779**	**1116**	**1418**	**1116**	**779**	527	392	229	161

160	229	**390**	**635**	**798**	**1036**	**1272**	**1036**	**798**	**635**	**390**	229	160
160	229	**390**	**834**	**1036**	**1272**	**1479**	**1272**	**1036**	**834**	**390**	229	160
160	229	**390**	**1022**	**1272**	**1479**	**1479**	**1479**	**1272**	**1022**	**390**	229	160
160	229	**390**	**1180**	**1479**	**1479**	**1479**	**1479**	**1479**	**1180**	**390**	229	160
160	229	**390**	**1302**	**1479**	**1479**	**1479**	**1479**	**1479**	**1302**	**390**	229	160
160	229	**390**	**1334**	**1479**	**1479**	**1479**	**1479**	**1479**	**1334**	**390**	229	160
160	228	**390**	**1312**	**1479**	**1479**	**1479**	**1479**	**1479**	**1312**	**390**	228	160
160	228	**389**	**1243**	**1479**	**1479**	**1479**	**1479**	**1479**	**1243**	**389**	228	160
160	228	**389**	**1114**	**1393**	**1393**	**1393**	**1393**	**1393**	**1114**	**389**	228	160
160	228	**389**	**858**	**1072**	**1072**	**1072**	**1072**	**1072**	**858**	**389**	228	160

● F max. = 2498 kN

SN5650-PMU-1200-20°-M/P-N/Z



155	217	346	411	529	**711**	**880**	**711**	529	411	346	217	155
155	217	354	540	**729**	**1022**	**1242**	**1022**	**729**	540	354	217	155
155	217	354	**704**	**981**	**1395**	**1634**	**1395**	**981**	**704**	354	217	155
155	217	354	**902**	**1267**	**1782**	**2000**	**1782**	**1267**	**902**	354	217	155
155	217	354	**957**	**1441**	**2080**	**2207**	**2080**	**1441**	**957**	354	217	155
155	217	354	**957**	**1536**	**2200**	**2497**	**2200**	**1536**	**957**	354	217	155
155	217	354	**957**	**1446**	**2128**	**2380**	**2128**	**1446**	**957**	354	217	155
155	217	354	**918**	**1323**	**1874**	**2200**	**1874**	**1323**	**918**	354	217	155
155	217	354	**763**	**1112**	**1569**	**1967**	**1569**	**1112**	**763**	354	217	155
155	217	354	531	**789**	**1139**	**1455**	**1139**	**789**	531	354	217	155

155	216	**353**	**514**	**724**	**882**	**887**	**882**	**724**	**514**	**353**	216	155
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154	216	**352**	**886**	**886**	**886**	**886**	**886**	**886**	**886**	**352**	216	154
154	216	**352**	**876**	**876**	**876**	**876**	**876**	**876**	**876**	**352**	216	154

● F max. = 2497 kN

D 1801C 01.2019

Normschieber in Sonderausführung

Das **PowerMax®** Schieberprogramm deckt bereits eine Vielzahl von Größen und Schieberwinkeln ab. Gerade bei hochfesten Blechen ist es jedoch unumgänglich, dass bei Lochoperationen das Schneidelement rechtwinklig auf das Blech trifft.
Hierzu bietet **STRACK NORMA** Schieber in Sonderanfertigung im gewünschten Winkel an, die außerhalb der Standardwinkel (0°-75° in 5°-Schritten) liegen.
Das **PowerMax®** Gesamtkonzept ermöglicht eine kurze Lieferzeit auch für Sonderwinkelschieber.
Bearbeitung nach Kundenanforderungen auf der Arbeitsfläche gehören ebenfalls zu unseren Serviceleistungen und verkürzen Ihre Durchlaufzeiten.
Ebenfalls bestücken wir die Montageplatten mit Polygonstempelaufnahmen nach Ihren Anforderungen sowie Sondermontageplatten mit Einarbeitungen oder auch geänderten Abmessungen.

Sprechen Sie uns an, das Team von **STRACK NORMA** hilft Ihnen gerne eine geeignete Lösung für Ihre Anforderungen zu finden.

Standard cams in special design

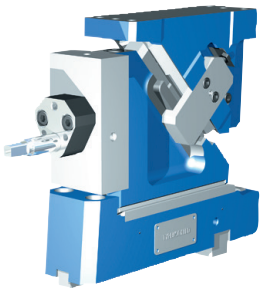
The **PowerMax®** cam program already covers a variety of dimensions and cam angles. Even at high strength sheets it is indispensable that during stamping operations the cutting unit impacts perpendicular on the sheet.
For this **STRACK NORMA** offers cams in special designs with the desired angle, which lie beyond the standard angles (0°-75° in 5° steps).
The whole **PowerMax®** concept allows a short delivery time also for the special angle cams.
Machining according to customers' wishes on the working surface also belong to our services and reduce your running times.
We also equip the mounting plates with polygonal punch retainers according to your requirements as well as special mounting plates with special machining or other changed dimensions.

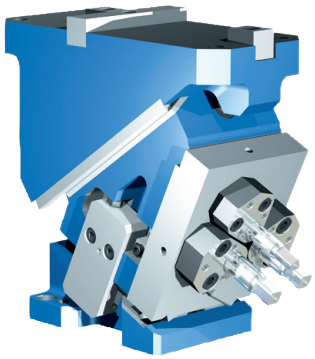
Please approach us; the team of **STRACK NORMA** is looking forward to help you to find the appropriate solution for your requirements.

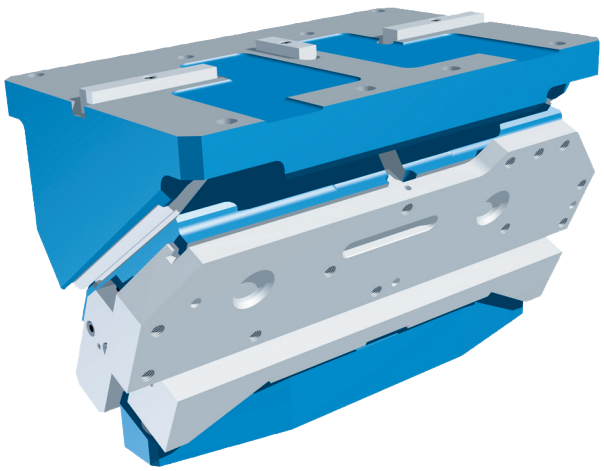
Coulisseaux de standard en construction spéciale

Le programme du **PowerMax®** couvre déjà une multiplicité des dimensions et des angles du coulisseau. Particulièrement auprès des tôles plus résistantes est indispensable qu'auprès des opérations de poinçonnage l'élément de découpage percute rectangulaire contre la tôle.
Pour cela **STRACK NORMA** offre des coulisseaux en construction spéciale en angle désiré, qui sont hors des angles de standard (0°-75° en pas de 5°).
La conception générale du **PowerMax®** permette un délai de livraison bref également pour les coulisseaux d'angle spécial.
Des traitements selon les demandes des clientes sur la surface de travail appartiennent également à nos prestations de service et réduisent vos temps de passage.
Nous également équipons vos plaques de montage avec des portes poinçons polygonaux selon vos demandes ainsi que des plaques de montages spéciales avec des traitements spéciaux ou également des dimensions changées.

Veuillez nous contacter, l'équipe de **STRACK NORMA** vous aide volontairement à trouver la solution appropriée pour vos exigences.









D 1801C 01.2019

Normschieber in Sonderausführung

Bei der Entwicklung des **PowerMax®** Schieberprogramms wurde bereits großer Wert auf die Anpassungsfähigkeit und Flexibilität gelegt, welches sich in den drei Ausbauvarianten Basic, Medium und Premium auch sehr deutlich widerspiegelt. Doch selbst die umsichtigste Planung kann nicht die vielen Sonderlösungen und Einsatzgebiete abdecken, die der moderne Werkzeugbau von heute vorgibt.

Aus diesem Grund haben wir das PowerMax Sonderschieberprogramm ins Leben gerufen, welches die vielen Vorteile des **PowerMax®** Schieberprogramms auch auf Sonderfälle anwenden lässt und darüber hinaus hinsichtlich Abwicklung, Handhabung und Wirtschaftlichkeit neue Maßstäbe setzt. Zum Beispiel beim werkseitigen Einbringen von kundenseitigen Bohrbildern und Ausfräsungen im Standard Programm.

Standard cams in special design

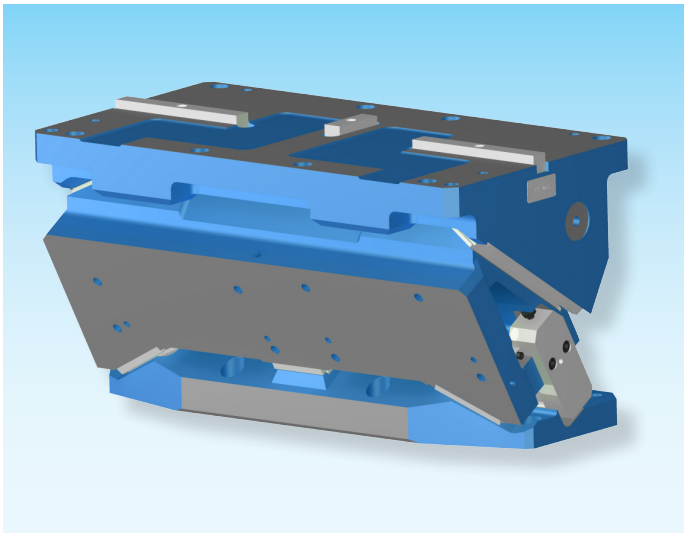
Concerning the development of the **PowerMax®** cam program great importance was attached to the adaptability and flexibility, which is very clearly reflected in the three construction variants Basic, Medium and Premium. But even the most careful planning cannot cover the numerous special solutions and ranges of application, which pretend the modern toolmaking today.

For this reason we launched the **PowerMax®** special cam program, which is able to apply the numerous advantages of the PowerMax cam program also for special cases and which, moreover, sets new standards concerning execution, handling and economy, for example concerning the factory-made positioning of hole patterns in the standard program which are supplied by the customer.

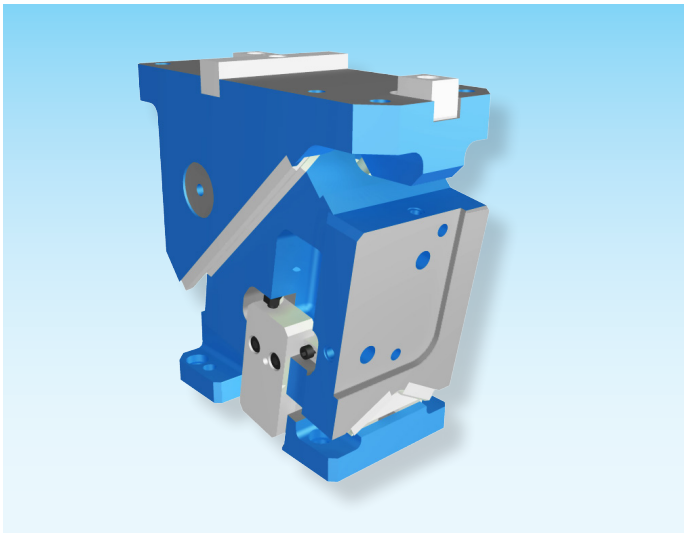
Coulisseaux de standard en construction spéciale

Concernant le développement du programme de **PowerMax®** grande importance a été attaché à l'adaptabilité et à la flexibilité, qui se reflètent très nettement dans les variantes de construction Basic, Medium et Premium. Cependant la planification la plus circonspecte ne peut pas couvrir les solutions spéciales nombreuses et les domaines d'emploi, qui prétend la fabrication d'outils moderne d'aujourd'hui.

Pour cette raison nous avons créé le programme des coulisseaux spéciaux de **PowerMax®**, avec lequel les avantages nombreux du programme de coulisseaux de PowerMax peuvent également être employés pour les cas particuliers, et que, en outre établit de nouveaux critères concernant l'exécution, la manutention et la rentabilité, par exemple concernant le positionnement en usine des dessins de forages et des fraisures fournis par le client dans le programme de standard.



Beispiel: PMO 700 mit dem Bohrbild zweier Schneidmesser
Example: PMO 700 with the hole patterns of two cutting knives
Exemple : PMO 700 avec le dessin de forage de deux couteaux



Beispiel: PMO 125 mit einer Ausfräsung und dem Bohrbild eines Schneidmessers
Example: PMO 125 with a cutout and the hole patterns of one cutting knife
Exemple : PMO 125 avec une fraisure et le dessin de forage avec un couteau

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Normschieber in Sonderausführung

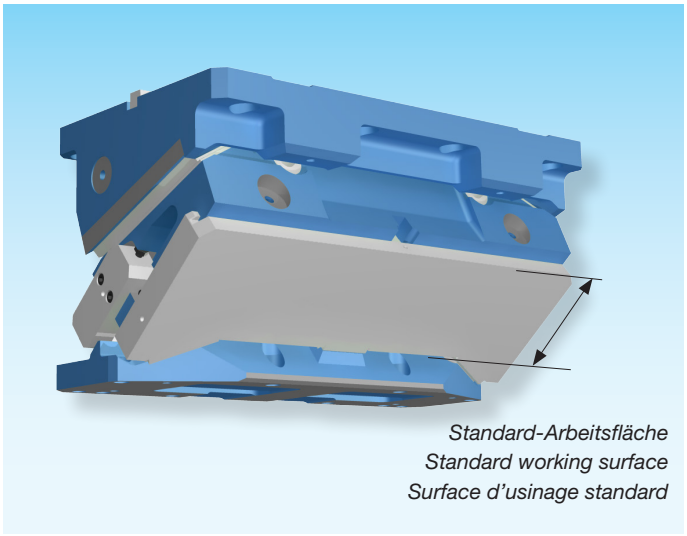
Standard cams in special design

Coulisseaux de standard en construction spéciale

Oder bei der Anpassung der Arbeitsfläche an Ihre Bedürfnisse

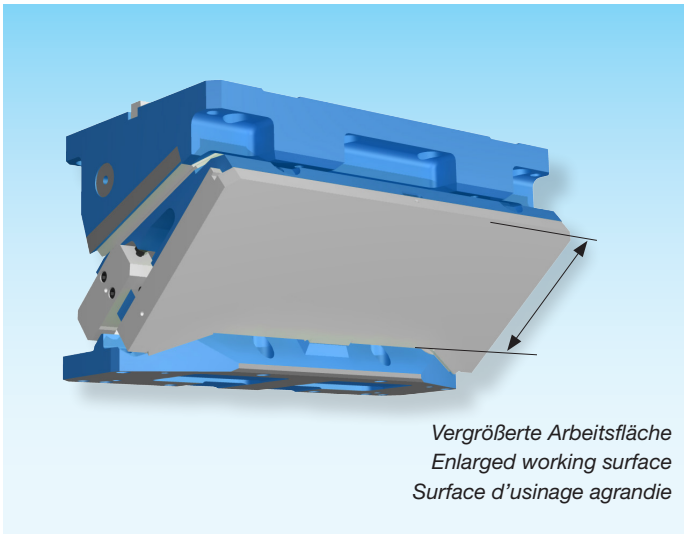
Or concerning the adaptation of the working surface to your requirements

Ou concernant l'adaptation de la surface d'usinage à vos demandes



Standard-Arbeitsfläche
Standard working surface
Surface d'usinage standard

Beispiel: PMO 700 mit Standard Montageplatte / Arbeitsfläche
Example: PM0 700 with standard mounting plate / working surface
Exemple : PMO 700 avec plaque de montage standard / surface d'usinage



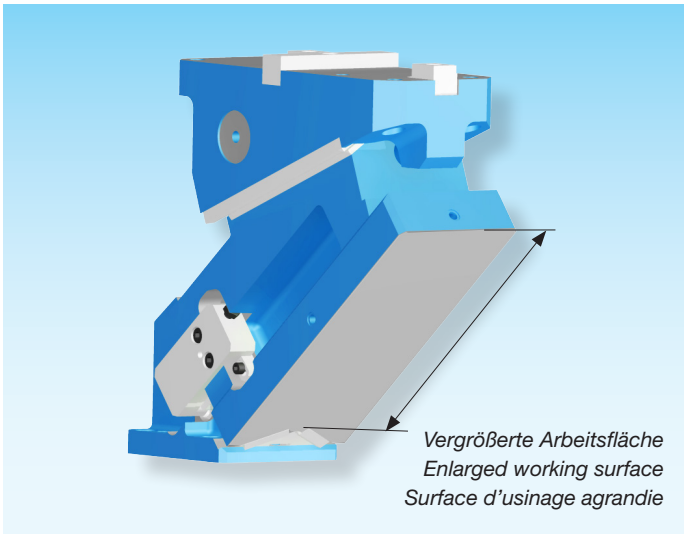
Vergrößerte Arbeitsfläche
Enlarged working surface
Surface d'usinage agrandie

Beispiel: PMO 700 mit erhöhter Arbeitsfläche
Example: PMO 700 with enlarged working surface
Exemple : PMO 700 avec une surface d'usinage agrandie

Hier zu sehen eine in der Höhe modifizierte demontierbare Arbeitsplatte. Eine sehr kostengünstige und schnelle Methode Ihre Wünsche umzusetzen, da weite Teile des Standard-Programms übernommen werden können.

Here you can see a working plate which is modified in the height and which is dismounted. This is a very cost-saving and quick method to fulfill your desires, because many parts of the standard program can be used.

Vous pouvez voir ici une plaque qui peut être modifiée dans l'hauteur et qui peut être démontée. C'est une méthode très économique et rapide étant donné que beaucoup de parties du programme de standard peuvent être utilisés.



Vergrößerte Arbeitsfläche
Enlarged working surface
Surface d'usinage agrandie

Beispiel: PMO 125 mit erhöhter Arbeitsfläche
Example: PMO 125 with enlarged working surface
Exemple : PMO 125 avec une surface d'usinage agrandie

Für lange senkrechte Beschnitte oder Lochoperationen

For long vertical cuts or punching operations

Pour des incisions longues et verticales ou pour des opérations de poinçonnage

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Normschieber in Sonderausführung

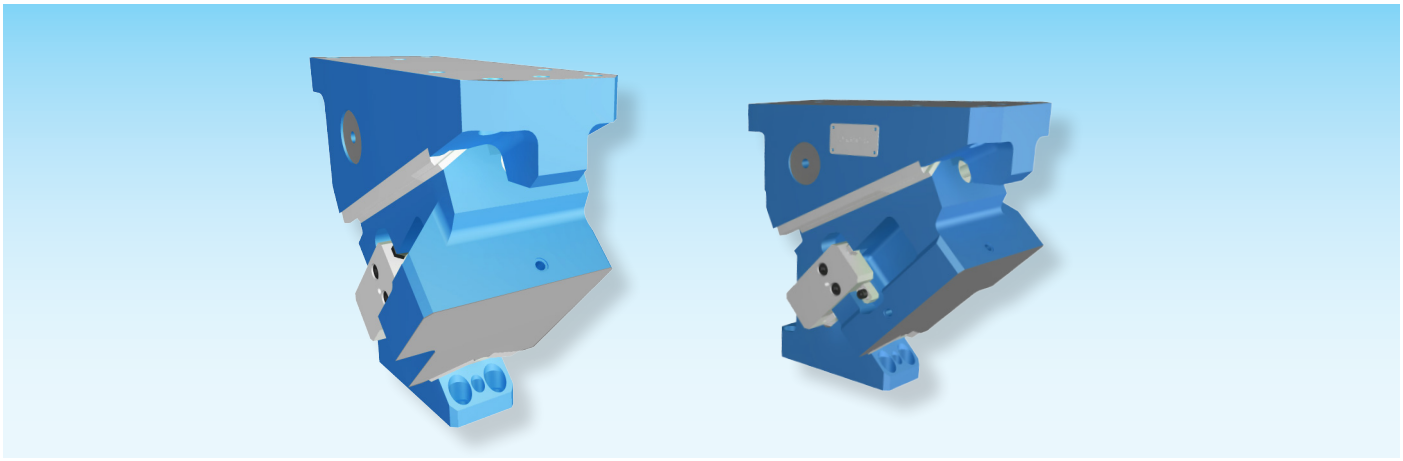
Auch asymmetrische Gestaltungen der Arbeitsflächen im Guss sind möglich.

Standard cams in special design

Also asymmetrical designs of the working surface in the casting are possible.

Coulisseaux de standard en construction spéciale

Egalement des conceptions asymétriques des plans de travail dans la coulée sont possibles.



Beispiel: PMO 125 – für Loch oder Beschneide Operationen über dem Bauteil
Example: PMO 125 – for punching or cutting operations over the part
Exemple : PMO 125 – pour des opérations de poinçonnage ou des opérations de coupage au dessus de la part

Hier im Beispiel ein Schieber in dem der Treiber neben dem Bauteil platziert wurde und mittels des Überbaus ein seitlicher Beschnitt sowie eine Lochgruppe über dem Bauteil realisiert werden konnte.

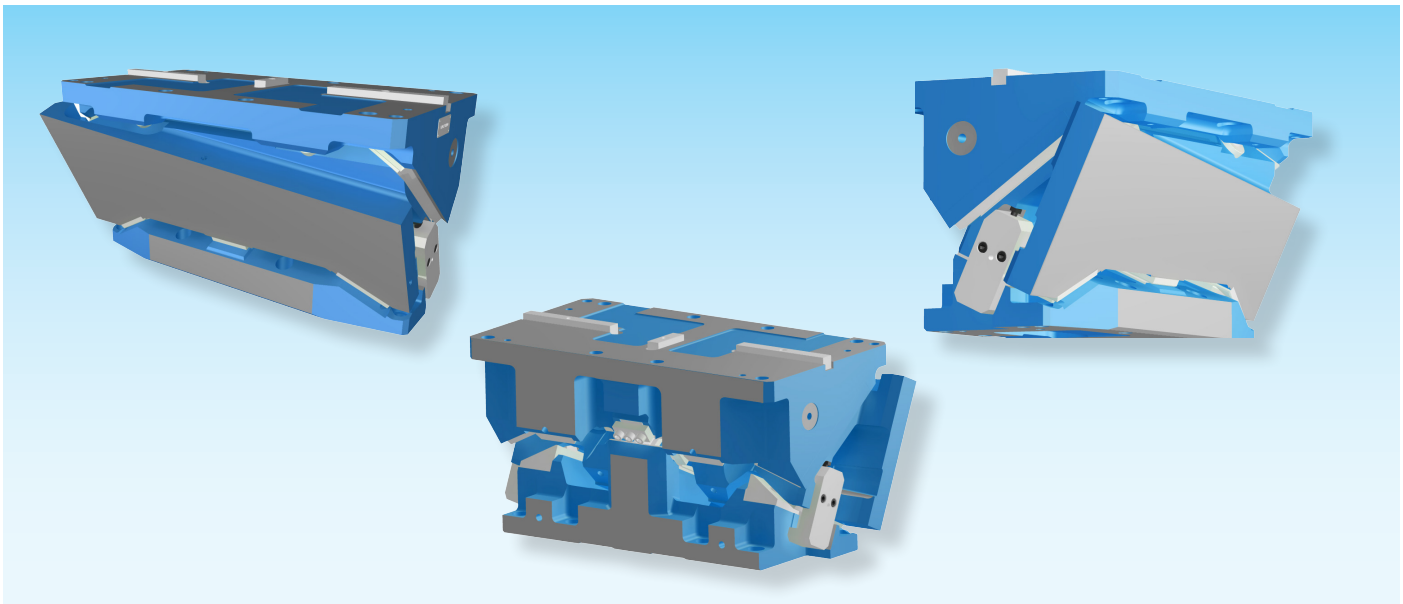
This example shows a cam in which the driver was positioned next to the part and in which by means of the superstructure a lateral cut as well as a punching group over the part could be realized.

Dans l'exemple vous voyez un coulisseau dans lequel le driver a été placé à côté de la part et avec lequel moyennant la superstructure une coupe latérale ainsi qu'un groupe de forages au dessus de la part peut être réalisé.

Oder die Anpassung der Arbeitsfläche bei austreibenden oder abfallenden Teilbereichen wo Standard-Schieber oftmals an ihre grenzen stoßen.

Or the adaptation of the working surface concerning part ranges which are driven out or dropping down, where standard cams often reach their limits.

Ou l'adaptation de la surface d'usinage travail concernant des sections de la part sortantes et tombantes où les coulisseaux de standard atteignent leurs limites.



Beispiel: PMO 700 - mit asymmetrischer und / oder seitlich überbauter Arbeitsfläche
Example: PMO 700 – with asymmetrical and/or laterally super structured working surface
Exemple : PMO 700 – avec une surface d'usinage asymétrique et/ou une surface d'usinage avec une superstructure latérale

Normschieber in Sonderausführung

Doch damit noch nicht genug: auch aufwärts geneigte Unterteil Schieber sind machbar.

Oder sehr steile Laufrichtungen.

Standard cams in special design

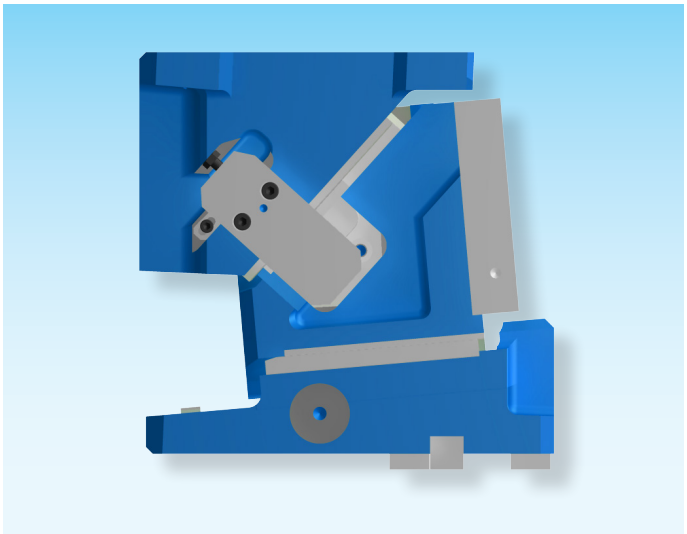
But that is not enough: also upwards inclined cams can be realized.

Or very steep running directions.

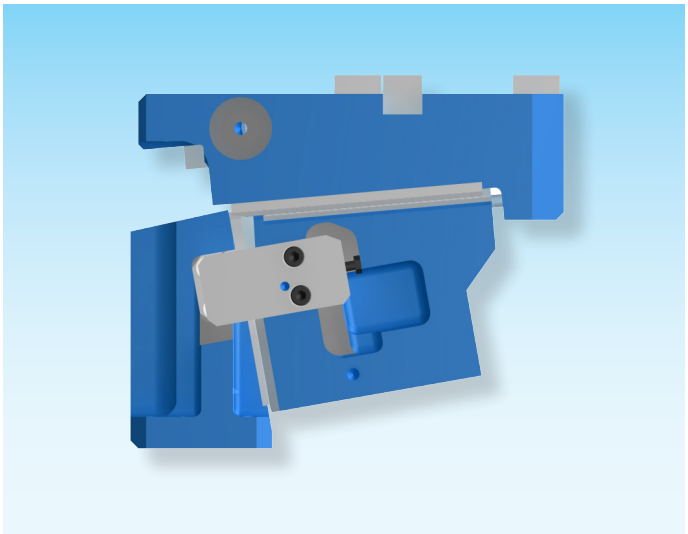
Coulisseaux de standard en construction spéciale

Mais cela non suffit : également des coulisseaux inclinés en montant peuvent être réalisés.

Ou des sens de marche très escarpés.



Beispiel: PMU 230 – mit plus 5° Laufrichtung
Example: PMU 230 – with plus 5° running direction
Exemple : PMO 230 avec plus de 5° sens de marche

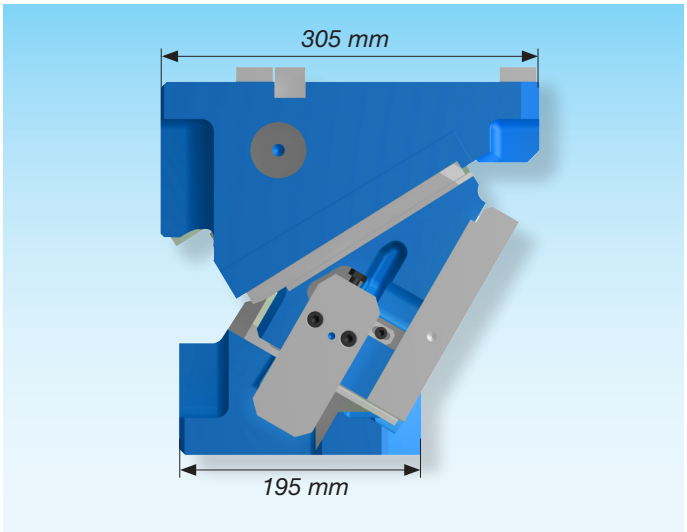


Beispiel: PMO 90 – Schieber mit 80° Neigung
Example: PMO 90 – cam with 80° inclination
Exemple : PMO 90 – coulisseau avec 80° inclinaison

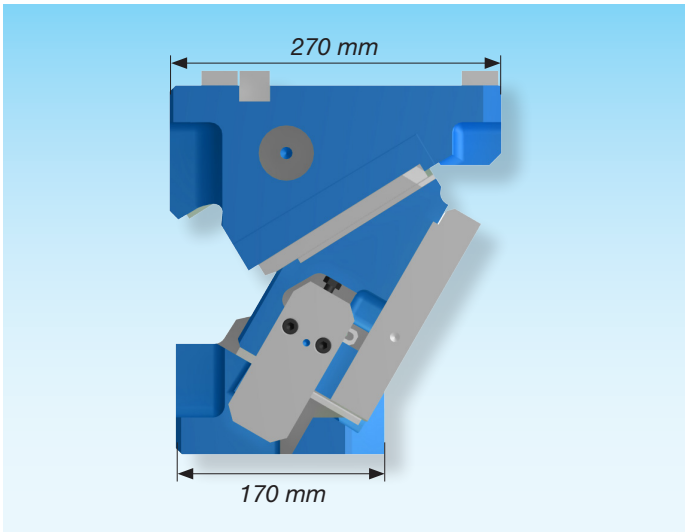
Oder verkürzte Bauformen, wenn Greiferfreiheiten berücksichtigt werden müssen, und der Bauraum im Werkzeug einfach nicht ausreicht.

Or shortened designs, if gripper liberties have to be considered and the installation space in the tool is simply not sufficient.

Ou des modèles abrégés, si des libertés des grappins doivent être considérées et si l'espace d'installation dans l'outil simplement ne suffit pas.



Beispiel: Standard-Schieber PMO 230 / 0°
Example: standard cam PMO 230 / 0°
Exemple : coulisseau de standard PMO 230 / 0°



Beispiel: Schieber mit verkürzter Bauform / 0°
Example: cam with shortened design / 0°
Exemple : coulisseau avec un design abrévié / 0°

D 1801C 01.2019

Normschieber in Sonderausführung

Fragen Sie uns, es gibt fast nichts was es nicht geht.

Leistungsbeispiel:

- Einbringen von kundenseitigen Bohrbildern und Ausfräsungen.
- Abmessungsänderung der Arbeitsflächen in Breite und Höhe.
- Seitliche Auswüchse oder asymmetrische Gestaltung der Arbeitsfläche.
- Änderung der Schieberlaufrichtung in 1°-Schritten bis 80°.
- Kürzere oder niedrigere Bauformen.
- Hub Verkleinerungen oder Vergrößerungen.
- Gewichtserleichterung bei besonders großen Schiebern.
- Abstreifereinheiten auf dem Schieber.
- Erhöhung der Schieberkräfte bei dick- oder hochfesten Blechen.
- Erhöhung der Rückzugskräfte bei dick- oder hochfesten Blechen.

Und so läuft es ab:

Sie rufen uns an und teilen uns Ihre Wünsche mit. Oder besser, Sie senden uns gleich die entsprechenden Werkzeuggeometrien zu, damit wir uns sofort ein Bild machen können.
Danach ist unsere technische Abteilung dran: Sie prüft binnen kürzester Zeit – in der Regel noch am selben Tag – die Machbarkeit und erstellt ein Unverbindliches Angebot, wobei wir größten Wert darauf legen, Ihnen eine gute, schnelle und vor allem kostengünstige Lösung präsentieren zu können.
Nun haben Sie die Wahl und müssen entscheiden, ob der angebotene PowerMax Sonderschieber, mit seinen vielen Vorzügen, Ihren Vorstellungen entspricht, denn für eine weitere Bearbeitung Ihrer Wünsche benötigen wir von nun an eine verbindliche Zusage, so dass unsere hauseigene Konstruktion tätig werden, und ihnen innerhalb kürzester Zeit eine entsprechende Konstruktion zu Prüfung vorlegen kann.
Sie werden sich wundern, wie schnell, kompetent und reibungslos dies alles vonstatten geht und wir sind stolz darauf, Ihnen bereits in den meisten Fällen nach einem, oder maximal zwei Werktagen eine brauchbare Lösung präsentieren zu können, so das Ihr zumeist sehr eng ausgelegter Terminplan in Konstruktion und Anfertigung nicht unnötig belastet

Standard cams in special design

Please ask us, there is nearly nothing being not possible.

Example of performances:

- Positioning of hole patterns and out cuts supplied by the customer
- Dimensional change of the working surfaces in width and height.
- Lateral outgrowths or asymmetrical design of the working surface.
- Modification of the cam running direc tion in 1° steps till 80°.
- Shorter and lower designs.
- Stroke reductions or augmentations
- Weight reduction of particularly big cams.
- Stripper units on the cam
- Increase of the cam forces concerning thick- or high-strength sheets.
- Increase of the retraction forces con cerning thick- or high-strength sheets.

And that is the way how it functions:

You call us and tell us your wishes.
Or better, you send us immediately the corresponding tool geometries in order that we are able to get an idea.
Thereafter it's the turn of our engineering department: They check within a little while – normally the same day – the technical feasibility and make an offer without obligation, in doing so we attach the greatest importance to present you a good, quick and particularly cost-saving solution.
Now, you have the choice and have to decide, whether the offered PowerMax special cam with its numerous advantages meets your expectations, because of the fact that we need your binding acceptance for the further handling so that our in-house construction can start work and can present you within a shortest time an appropriate construction for examination.
You will be surprised about the quick and problem-free handling and we are proud to be able to present you in the most cases a usable solution within one or maximal two working days, so that your time schedule which is mostly very narrow is not unnecessarily stressed concerning construction and production. Subsequently everything goes the normal way: after you approved the cam, we will occupy with purchase of the casting and here there are confidential partners on our side, which allow a very narrow time frame. That means that also your

Coulisseaux de standard en construction spéciale

Ne pas hésiter à entrer en contacte avec nous. Il n'y a guère que ne fonctionne pas.

Exemple de performance :

- Positionnement des dessins de forage et des fraisures fournis par le client.
- Modification de dimensions des surfaces d'usinage dans la largeur et l'hauteur.
- Excroissances latérales et une conception asymétrique de la surface d'usinage.
- Modification du sens de marche du coulisseau en pas de 1° jusqu'à 80°.
- Modèles écourtés et puis bas.
- Réductions ou agrandissement des courses
- Réduction du poids concernant des coulisseaux particulièrement grands
- Unités de stripeur sur le coulisseau.
- Augmentation des forces du coulisseau auprès des tôles à épaisse et à résistance élevée.
- Augmentation des forces à retour auprès des tôles à épaisse et à résistance élevée.

Ça fonctionne tellement :

Vous nous appelez et vous nous renseignez vos désirs. Ou mieux, vous nous envoyez immédiatement les géométries des outils, de sorte que nous nous puissions faire une idée.
Ensuite est le tour de notre département technique : Il examine dans le temps le plus vite possible – normalement au même jour – la faisabilité et fait une offre sans engagement et nous attachons de grande importance à vous pouvoir présenter une solution bonne, rapide et particulièrement économique.
Maintenant vous avez le choix et devez décider si le coulisseau spéciale PowerMax avec ses avantages nombreux satisfait vos exigences, car nous avons besoin d'une acceptation obligatoire pour le traitement supplémentaire de vos désirs, de sorte que notre construction de maison devienne active et puisse vous présenter une construction correspondante pour le contrôle pendant un temps le plus vite possible.
Vous vous étonnerez de la méthode rapide, compétente et sans difficultés avec laquelle tout cela fonctionne et nous sommes fiers d'être dans la plupart des cas capables de vous présenter pendant un, ou au maximum deux jours ouvrables

D 1801C 01.2019

wird. Danach geht alles seinen gewohnten Gang: Nachdem Sie den Schieber für gut befunden haben, geht es sofort in die Gussbeschaffung und auch hier stehen uns vertrauensvolle Partner zur Seite, die einen sehr engen Terminrahmen zulassen. So dass auch Ihr PowerMax Sonderschieber in gewohnter Strack Norma Qualität in kürzester Zeit zur Auslieferung bereit steht.

Fragen Sie nach, testen Sie uns. Lassen auch Sie sich von uns überzeugen, wie unproblematisch und Wirtschaftlich es sein kann, Sonderschieber nicht mehr selber zu bauen, sondern einfach und schnell zu kaufen.

Lieferzeiten:

1. Angebotserstellung: Binnen eines Tages.
2. Konstruktion: je nach Umfang zwischen einem und drei Tagen, nach Auftragserteilung.
3. Fertigung, inklusive Gussbeschaffung, Bearbeitung, Montage und Kontrolle: ca. 6 Wochen.

PowerMax special cam in usual Strack quality will be ready to be delivered within the shortest period of time.

Please inquire, test us. Let you convince of the fact that it can be more uncomplicated and cost-effective to buy special cams simply and quickly instead of constructing them themselves.

Delivery times:

1. Making an offer: within 1 day.
2. Construction: according to the circumference between 1 and 3 days after placing of order.
3. Production, including purchase of casting, machining, mounting and control: about 6 weeks.

une solution utilisable, de sorte que votre échéancier qui est la plupart du temps très étroit ne soit pas affecté inutilement. Après tout fonctionne comme d'habitude : Après vous avez jugé bon le coulisseau, nous nous occupons de l'approvisionnement de la coulée et également ici des partenaires confiants, qui permettent un délai étroit, nous donnent tout l'appui possible.
Cela garantit qu'également votre coulisseau spécial PowerMax sera prêt à être livré en qualité habituel de Strack pendant le temps le plus vite possible.

Nous vous prions de vous informer et de nous tester. Faites-vous convaincre de la manière sans difficultés et économique de ne pas construire les coulisseaux spéciaux mêmes, mais de les acheter simplement et rapidement.

Délais de livraison:

1. Soumission d'une offre : pendant un jour.
2. Construction : Selon volume pendant un ou trois jours, après passation de commande.
3. Production, inclusivement l'approvisionnement de la coulée, le traitement, la montage, le contrôle : environ 6 semaines.

D 1801C 01.2019

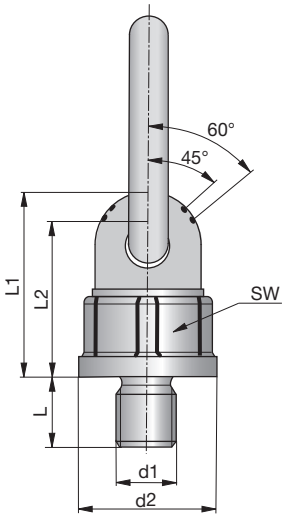
Sicherheits-Ringschrauben | Saftey ring bolts | Anneaux vissables de levage et de sécurité

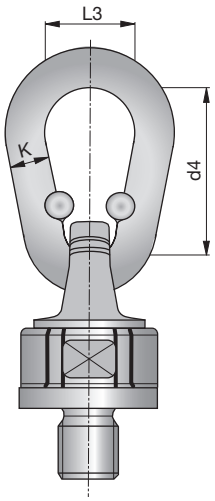


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Einbau- und Sicherheitshinweise auf nächster Seite beachten!

Please consider the mounting and safety notices on next page!

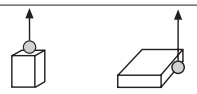
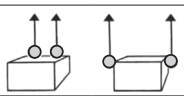
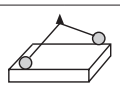
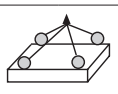
Respecter les consignes de sécurite et de montage de la page suivant!

d1	d3	a x b	d	L1	L2	L4	SW	Z1 max.
M12	13	55 x 32	36,5	18	48	41	34	siehe Tabelle unten / see table below / voir la tableau au-dessous
M16	13	55 x 32	36,5	20	48	41	34	
M20	16	70 x 34	52	30	67	57	46	
M24	18	85 x 45	57	30	75	63	50	
M30	20	85 x 45	70	35	94,5	78	65	
M36	23	115 x 60	81	50	106	86	75	
M42	23	115 x 60	81	50	106	86	75	
M45	30	140 x 70	104	60	127	106	95	

Die in nachstehender Tabelle aufgeführten Tragfähigkeiten (Z1) in kg dürfen nicht überschritten werden.

The loading capacities (Z1) in kg which are indicated in the following table should not be exceeded.

Ne pas dépasser les charges admissibles (Z1) en kg indiquées dans le tableau ci-dessous.

Anschlagart / King of attachment / Mode d'accrochage								
Zahl der Anschlagpunkte / Number of lifting points / Nombre de points d'accrochage	Z1 max		Z1 max		Z1 max		Z1 max	
	1	1	2	2	2	2	3 / 4	3 / 4
Neigungswinkel / Inclination angle / Angle d'inclinaison	0°	90°	0°	90°	0° - 45°	45° - 60°	0° - 45°	45° - 60°
Tragfähigkeit / Loading capacitie / Charge admissible:	kg	kg	kg	kg	kg	kg	kg	kg
SN1594 - M12 - 13	1400	700	2800	1400	1000	700	1400	1000
SN1594 - M16 - 13	2800	1400	5600	2800	2000	1400	3000	2120
SN1594 - M20 - 16	5000	2500	10000	5000	3550	2500	5300	3750
SN1594 - M24 - 18	8000	4000	16000	8000	5600	4000	8500	6000
SN1594 - M30 - 20	12000	6700	24000	13400	9500	6700	14000	10000
SN1594 - M36 - 23	15000	10000	30000	20000	14000	10000	21200	15000
SN1594 - M42 - 23	15000	12500	30000	25000	17000	12500	25000	18000
SN1594 - M45 - 30	25000	17000	50000	34000	23500	17000	35000	25000

Bei unsymmetrischer Lastverteilung gelten für die 2- und 3 / 4-strängigen Anschlagketten die Tragfähigkeiten für 1-strängige bei **90°**.

In the case of an unsymmetrical load distribution, the lifting capacities applicable to the 2 and 3 / 4-leg slings are the same as for 1-leg types at **90°**.

Au cas d'une distribution de charge asymétrique, pour les élingues avec 2 / 3 et 4 gaines, les charges admissibles sont les mêmes que pour les élingues avec 1 gaine à **90°**.

D 1801C 01.2019

Sicherheits-Ringschrauben | Saftey ring bolts | Anneaux vissables de levage et de sécurité

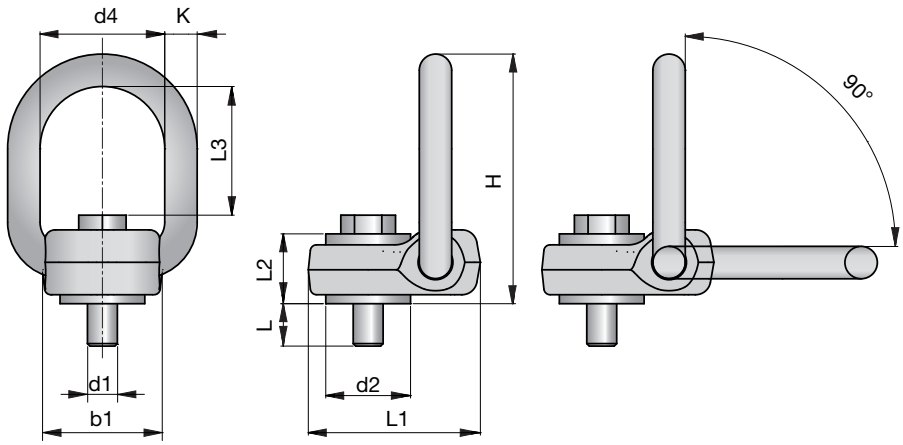


SN1596-

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SN1596-d1-d3





Einbau- und Sicherheitshinweise auf nächster Seite beachten!

Please consider the mounting and safety notices on next page!

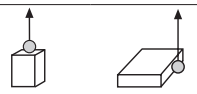
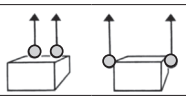
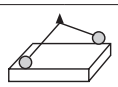
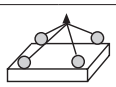
Respecter les consignes de sécurite et de montage de la page suivant!

d1	d3	b x L3	d2	L1	L2	L4	L5	b1	Z1 max.
M10	13	50 x 52	34	12	28	100	69	48	siehe Tabelle unten / see table below / voir la tableau au-dessous
M12	13	50 x 51	34	17	28	100	69	48	
M16	13	50 x 49	34	27	28	100	69	48	
M20	13	50 x 46	34	42	28	100	69	48	
M24	13	50 x 42	34	50	30	100	69	48	
M24	18	76 x 74	58	41	39	147	104	72	
M27	18	76 x 70	58	51	39	147	104	72	
M30	18	76 x 70	58	51	39	147	104	72	
M36	18	76 x 62	58	57	43	147	104	72	

Die in nachstehender Tabelle aufgeführten Tragfähigkeiten (Z1) in kg dürfen nicht überschritten werden.

The loading capacities (Z1) in kg which are indicated in the following table should not be exceeded.

Ne pas dépasser les charges admissibles (Z1) en kg indiquées dans le tableau ci-dessous.

Anschlagart / King of attachment / Mode d'accrochage								
Zahl der Anschlagpunkte / Number of lifting points / Nombre de points d'accrochage	Z1 max		Z1 max		Z1 max		Z1 max	
	1	1	2	2	2	2	3 / 4	3 / 4
Neigungswinkel / Inclination angle / Angle d'inclinaison	0°	90°	0°	90°	0° - 45°	45° - 60°	0° - 45°	45° - 60°
Tragfähigkeit / Loading capacitie / Charge admissible:	kg	kg	kg	kg	kg	kg	kg	kg
SN1596 - M10 - 13	500	700	1000	1400	700	700	500	700
SN1596 - M12 - 13	800	1250	1600	2500	1200	800	1600	1120
SN1596 - M16 - 13	1500	2120	3000	4000	2000	1500	3150	2240
SN1596 - M20 - 13	2500	3550	5000	7100	3350	2500	5000	3750
SN1596 - M24 - 13	4000	4000	8000	8000	5600	4000	8000	6000
SN1596 - M24 - 18	4000	5600	8000	11200	5600	4000	8000	6000
SN1596 - M27 - 18	5300	7100	10600	14000	7100	5300	11200	8000
SN1596 - M30 - 18	6000	8000	12000	16000	8000	6000	12500	9000
SN1596 - M36 - 18	8000	8000	16000	16000	11200	8000	16800	12000

Bei unsymmetrischer Lastverteilung gelten für die 2- und 3 / 4-strängigen Anschlagketten die Tragfähigkeiten für 1-strängige bei **90°**.

In the case of an unsymmetrical load distribution, the lifting capacities applicable to the 2 and 3 / 4-leg slings are the same as for 1-leg types at **90°**.

Au cas d'une distribution de charge asymétrique, pour les élingues avec 2 / 3 et 4 gaines, les charges admissibles sont les mêmes que pour les élingues avec 1 gaine à **90°**.

D 1801C 01.2019

SN1594- / SN1596-

Sicherheits-Ringschrauben
Einbau- und Sicherheitshinweise

Für die ausgewählte Sicherheits-Ringschraube gelten die allgemeinen Unfallverhütungsvorschriften (UVV). Lastaufnahmeeinrichtungen müssen längstens nach einem Jahr von einem Sachkundigen geprüft werden.

Die verwendeten Aufnahmeglieder sind entsprechend der UVV auf Verschleiß und Längung zu überprüfen.

Eine Prüfung auf Funktions- und Einsatzfähigkeit muss vor jeder Benutzung durchgeführt werden, z. B. starke Korrosion, Verschleiß, Anrisse der Schweißnaht, Verformungen, fester Schraubensitz etc.

Beschädigungen der Sicherheits-Ringschrauben durch scharfkantige Belastungen sind auszuschließen.

Die Lage der Sicherheits-Ringschraube muss so beschaffen sein, dass die plane Auflagefläche zur Aufnahme der zu erwartenden Krafteinleitung geeignet ist.

Die plane Auflagefläche muss mindestes dem Durchmesser Maß „d" der verwendeten Sicherheits-Ringschraube entsprechen.

Für die Sicherheits-Ringschraube gilt zusätzlich:
- die Auflage muss eben (plan) sein
- mit Schraubenschlüssel DIN 895 bzw. DIN 894 bis zur Anlage an der Anlagefläche handfest anziehen
- bei gewünschter Sicherung Loctite™ verwenden
- die Mindesteinschraublänge richtet sich nach der Empfehlung der Berufsgenossenschaft:

in Stahl	1,00 x d1
in Guss	1,25 x d1
in Al	2,00 x d1
in ALMn	2,50 x d1

Temperatureinsatz für Sicherheits-Ringschrauben:

> -40 °C ≤ 200 °C = 100 % WLL
> 200 °C ≤ 300 °C = 90 % WLL
> 300 °C ≤ 400 °C = 75 % WLL*
* Vor Anwendung Rücksprache mit dem Hersteller

Safety ring bolts
Mounting and safety notices

For the selected safety ring bolt the genereal rules for prevention of accidents are valid.
All attachment swivels and attachment points have to be inspected by a competent person at least once a year.

The used links for lifting have to be inspected on wear and elongation in accordance to the general rules for prevention of accidents.

An inspection of ability of utilisation and function has to be effected before every use. For example: strong corrosion, wear, cracks in the weld seam, deformations, tight screws etc.

Damages of safety ring bolts due to sharp edged loadings have to be excluded.

The safety ring bolts has to be positioned in such a way the plain bearing surface is suited for the acceptance of the expected force introduction.

The flat bearing surface must be at least correspond to the diameter measure "d" of the applied safety ring bolts.

For the safety ring bolts additionally applies:
- contact surfaces must be plain
- tighten to stopping face with spanner DIN 895 respectively DIN 894 secure if required with Loctite™
- the minimum thread reach depends on the recommendation of the employer's liability insurance association:

in steel	1.00 x d1
in cast iron	1.25 x d1
in Al	2.00 x d1
in ALMn	2.50 x d1

Temperature range for safety ring bolts:

> -40 °C ≤ 200 °C = 100 % WLL
> 200 °C ≤ 300 °C = 90 % WLL
> 300 °C ≤ 400 °C = 75 % WLL*
* Contact the manufacturer before application

Anneaux vissables de levage et de sécurité
Consignes de montage et de sécurité

Les prescriptions générales de prévention des accidents s'appliquent à ces anneaux vissables de levage et de sécurité.
Les dispositifs de suspension de charges doivent être vérifiés par un expert au moins une fois par an.

Conformément aux directives de prévention des accidents, vérifier si les maillons supportant la charge ne font pas l'objet d'usure ou d'élongation.

Effectuer un examen du bon état de fonctionnement et d'utilisation avant chaque utilisation, en prêtant notamment attention à la présence de forte corrosion, d'usure, de fissures dans le cordon de soudure, de déformations, vis bloquée etc.

S'assurer que les anneaux vissables de levage et de sécurité ne peuvent être endommagés par des sollicitations provenant d'arêtes vives.

L'anneau vissable de levage et de sécurité doit être positionné de telle manière que la surface d'appui plane soit apte à recevoir les forces qui vont être exercées.

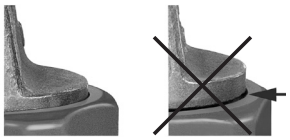
La surface d'appui plane doit au minimum être égale à la cote «d» du diamètre des anneaux vissables de levage et de sécurité utilisés.

Respecter les consignes supplémentaires qui suivent:
- la surface d'appui doit être plane
- serrer à la main à l'aide d'une clé de serrage DIN 895 ou DIN 894 jusqu'à ce que l'anneau touche la surface d'appui
- pour bloquer la fixation, utiliser de la Loctite™
- la longueur minimum de vis est à déterminer en fonction des recommandations de la Caisse de Prévoyance contre les accidents du travail:

dans l'acier	1,00 x d1
dans la fonte	1,25 x d1
dans l'Al	2,00 x d1
dans l'AlMn	2,50 x d1

Plages de température pour les anneaux vissables de levage et de sécurité:
> -40 °C ≤ 200 °C = 100 % WLL
> 200 °C ≤ 300 °C = 90 % WLL
> 300 °C ≤ 400 °C = 75 % WLL*
* Consulter le constructeur avant utilisation

Verschleißanzeige des Kugellagers, Ablegereife auch ohne Messwerkzeug erkennbar.



Indication of ball bearing wear, wear ring can be recognised even without measuring instruments.

L'indication de l'usure du roulement à billes, l'anneau d'usure peut être perçu sans appareils de mesure.

Die in nachstehender Tabelle aufgeführten Tragfähigkeiten (Z1) in kg dürfen nicht überschritten werden.

The loading capacities (Z1) in kg which are indicated in the following table should not be exceeded.

Ne pas dépasser les charges admissibles (Z1) en kg indiquées dans le tableau ci-dessous.

- Leichte Montage / Demontage durch geschmiedeten Sechskant am Wirbelkörper.
- Quetschmarken verhindern das Verklanken des Gliedes.
- Korrosionsschutz durch galvanischen Überzug, auch im Innenbereich.
- Eindeutige Anzeige der zulässigen Neigungswinkel in Verbindung mit Anschlagketten bzw. -seilen.
- Schwenkbereich des Gliedes max. 180°.
- Kein Ausrichten, da sich das Aufnahmeglied in die richtige Stellung drehen lässt.
- Sonderabmessungen auf Anfrage.

- Easy to assemble / dismantle thanks to forged hexagon on the body of the swivel.
- Crimped marks prevent the link from kinking.
- Corrosion protection trough galvanising, including the internal areas.
- Clear indication of the permitted angle of inclination in conjunction with sling chains and ropes.
- Pivoting range of the ring: 180° max.
- No alignment as the locating ring can be rotated into the correct position.
- Special dimensions on request.

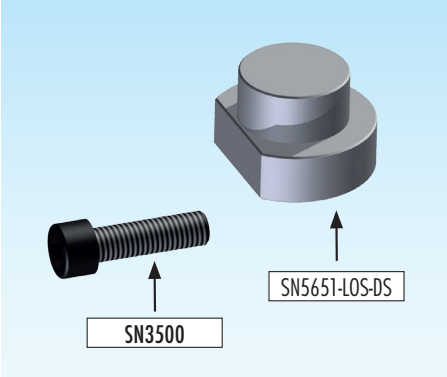
- Montage / Demontage facile grâce à un hexagone forgé au corps de tourbillon.
- Marques de sertissage empêchent un crêpage du maillon.
- Protection contre la corrosion par un revêtement galvanique, inclusivement le domaine interne.
- L'indication évidente des angles d'inclinaison en connexion avec les élingues respectivement les chaînes d'élingue.
- Inclinaison de travail sous charge 180° max.
- Pas de désalignement, l'anneau prend de lui-même sa position selon l'angle de la traction.
- Dimensions spéciales sur demande.

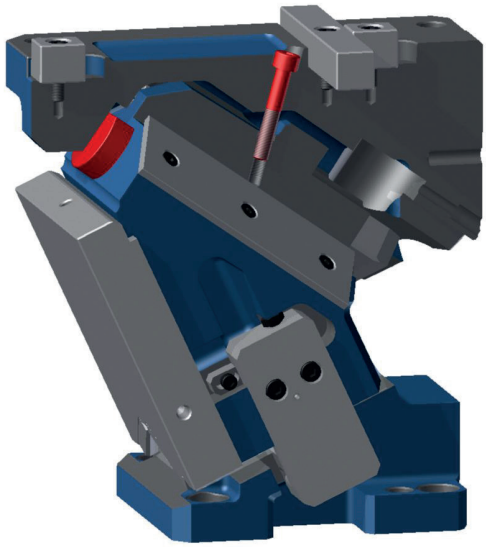
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Lock-Out-System für PMO

Lock-Out-System for PMO

Sytème de verrouillage pour PMO





SN5654-LOS Mat.: ST

SN5654-LOS-Type

Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk
PMO 0065							
SN5654-PMO-LOS-0065-00	00°	SN3500-M8-60	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-05	05°	SN3500-M8-50	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-10	10°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-15	15°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-20	20°	SN3500-M8-55	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-25	25°	SN3500-M8-50	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-30	30°	SN3500-M8-50	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-35	35°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-40	40°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-45	45°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-50	50°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-55	55°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-60	60°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-65	65°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-70	70°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0065-75	75°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
PMO 0090							
SN5654-PMO-LOS-0090-00	00°	SN3500-M8-55	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-05	05°	SN3500-M8-50	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-10	10°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-15	15°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-20	20°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-25	25°	SN3500-M8-50	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-30	30°	SN3500-M8-50	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-35	35°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-40	40°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-45	45°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-50	50°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-55	55°	SN3500-M8-45	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-60	60°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-65	65°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-70	70°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1
SN5654-PMO-LOS-0090-75	75°	SN3500-M8-40	1	-	-	SN5651-LOS-DS-19x15	1

SN5654-LOS - PMO

Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk
PMO 0125							
SN5654-PMO-LOS-0125-00	00°	SN3500-M10-65	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-05	05°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-10	10°	SN3500-M10-45	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-15	15°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-20	20°	SN3500-M10-50	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-25	25°	SN3500-M10-50	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-30	30°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-35	35°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-40	40°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-45	45°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-50	50°	SN3500-M10-45	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-55	55°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-60	60°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-65	65°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-70	70°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
SN5654-PMO-LOS-0125-75	75°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1
PMO 0165							
SN5654-PMO-LOS-0165-00	00°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-05	05°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-10	10°	SN3500-M10-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-15	15°	SN3500-M10-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-20	20°	SN3500-M10-60	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-25	25°	SN3500-M10-60	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-30	30°	SN3500-M10-60	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-35	35°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-40	40°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-45	45°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-50	50°	SN3500-M10-60	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-55	55°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-60	60°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-65	65°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-70	70°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0165-75	75°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1
PMO 0230							
SN5654-PMO-LOS-0230-00	00°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-05	05°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-10	10°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-15	15°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-20	20°	SN3500-M12-60	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-25	25°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-30	30°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-35	35°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-40	40°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-45	45°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-50	50°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-55	55°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-60	60°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-65	65°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-70	70°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0230-75	75°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1

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Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk
PMO 0260							
SN5654-PMO-LOS-0260-00	00°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-05	05°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-10	10°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-15	15°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-20	20°	SN3500-M12-60	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-25	25°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-30	30°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-35	35°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-40	40°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-45	45°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-50	50°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-55	55°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-60	60°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-65	65°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-70	70°	SN3500-M12-55	1	-	-	SN5651-LOS-DS-32x15	1
SN5654-PMO-LOS-0260-75	75°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x15	1
PMO 0330							
SN5654-PMO-LOS-0330-00	00°	SN3500-M12-110	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-05	05°	SN3500-M12-110	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-10	10°	SN3500-M12-100	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-15	15°	SN3500-M12-80	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-20	20°	SN3500-M12-80	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-25	25°	SN3500-M12-70	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-30	30°	SN3500-M12-70	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-35	35°	SN3500-M12-60	1	SN500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-40	40°	SN3500-M12-65	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-45	45°	SN3500-M12-60	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-50	50°	SN3500-M12-60	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-55	55°	SN3500-M12-60	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-60	60°	SN3500-M12-65	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-65	65°	SN3500-M12-65	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0330-70	70°	SN3500-M12-65	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
PMO 0400							
SN5654-PMO-LOS-0400-00	00°	SN3500-M12-110	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-05	05°	SN3500-M12-110	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-10	10°	SN3500-M12-100	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-15	15°	SN3500-M12-80	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-20	20°	SN3500-M12-80	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-25	25°	SN3500-M12-70	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-30	30°	SN3500-M12-70	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-35	35°	SN3500-M12-60	1	SN500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-40	40°	SN3500-M12-65	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-45	45°	SN3500-M12-60	1	SN3500-M12-45	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-50	50°	SN3500-M12-60	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-55	55°	SN3500-M12-60	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-60	60°	SN3500-M12-65	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0400-65	65°	SN3500-M12-65	1	SN3500-M12-50	1	SN5651-LOS-DS-50x20	1

SN5654-LOS - PMO

Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk
PMO 0460							
SN5654-PMO-LOS-0460-00	00°	SN3500-M12-110	3	SN3500-M12-110	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-05	05°	SN3500-M12-110	3	SN3500-M12-110	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-10	10°	SN3500-M12-90	3	SN3500-M12-90	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-15	15°	SN3500-M12-90	3	SN3500-M12-90	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-20	20°	SN3500-M12-90	3	SN3500-M12-90	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-25	25°	SN3500-M12-70	3	SN3500-M12-80	2	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-30	30°	SN3500-M12-80	3	SN3500-M12-80	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-35	35°	SN3500-M12-70	3	SN3500-M12-70	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-40	40°	SN3500-M12-80	3	SN3500-M12-80	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-45	45°	SN3500-M12-70	3	SN3500-M12-70	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-50	50°	SN3500-M12-70	3	SN3500-M12-70	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-55	55°	SN3500-M12-60	3	SN3500-M12-60	-	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-60	60°	SN3500-M12-60	3	SN3500-M12-70	2	SN5651-LOS-DS-50x20	1
SN5654-PMO-LOS-0460-65	65°	SN3500-M12-50	3	SN3500-M12-65	2	SN5651-LOS-DS-50x20	1
PMO 0580							
SN5654-PMO-LOS-0580-00	00°	SN3500-M12-170	1	SN3500-M12-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-05	05°	SN3500-M12-150	1	SN3500-M12-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-10	10°	SN3500-M12-150	1	SN3500-M12-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-15	15°	SN3500-M12-150	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-20	20°	SN3500-M12-140	1	SN3500-M12-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-25	25°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-30	30°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-35	35°	SN3500-M12-140	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-40	40°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-45	45°	SN3500-M12-140	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-50	50°	SN3500-M12-140	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-55	55°	SN3500-M12-130	1	SN3500-M12-60	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-60	60°	SN3500-M12-120	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0580-65	65°	SN3500-M12-120	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
PMO 0700							
SN5654-PMO-LOS-0700-00	00°	SN3500-M12-170	1	SN3500-M12-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-05	05°	SN3500-M12-150	1	SN3500-M12-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-10	10°	SN3500-M12-140	1	SN3500-M12-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-15	15°	SN3500-M12-150	1	SN3500-M12-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-20	20°	SN3500-M12-150	1	SN3500-M12-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-25	25°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-30	30°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-35	35°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-40	40°	SN3500-M12-140	1	SN3500-M12-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-45	45°	SN3500-M12-140	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-50	50°	SN3500-M12-140	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-55	55°	SN3500-M12-130	1	SN3500-M12-65	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-60	60°	SN3500-M12-120	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0700-65	65°	SN3500-M12-120	1	SN3500-M12-70	2	SN5651-LOS-DS-50x20	2

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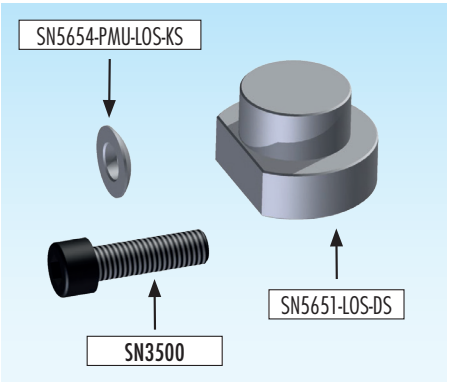
SN5654-LOS - PMO

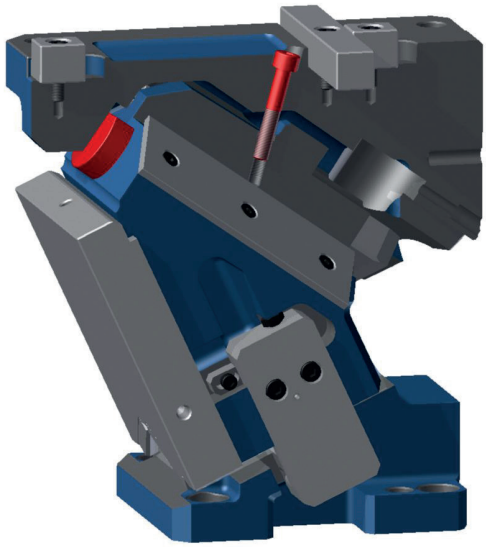
Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk
PMO 0850							
SN5654-PMO-LOS-0850-00	00°	SN3500-M16-130	1	SN3500-M16-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-05	05°	SN3500-M16-120	1	SN3500-M16-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-10	10°	SN3500-M16-120	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-15	15°	SN3500-M16-120	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-20	20°	SN3500-M16-130	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-25	25°	SN3500-M16-110	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-30	30°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-35	35°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-40	40°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-45	45°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-50	50°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-55	55°	SN3500-M16-110	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-60	60°	SN3500-M16-110	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-0850-65	65°	SN3500-M16-100	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
PMO 1000							
SN5654-PMO-LOS-1000-00	00°	SN3500-M16-130	1	SN3500-M16-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-05	05°	SN3500-M16-120	1	SN3500-M16-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-10	10°	SN3500-M16-120	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-15	15°	SN3500-M16-120	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-20	20°	SN3500-M16-130	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-25	25°	SN3500-M16-110	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-30	30°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-35	35°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-40	40°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-45	45°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-50	50°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-55	55°	SN3500-M16-110	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-60	60°	SN3500-M16-110	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-65	65°	SN3500-M16-100	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
PMO 1200							
SN5654-PMO-LOS-1000-00	00°	SN3500-M16-130	1	SN3500-M16-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-05	05°	SN3500-M16-120	1	SN3500-M16-100	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-10	10°	SN3500-M16-120	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-15	15°	SN3500-M16-120	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-20	20°	SN3500-M16-130	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-25	25°	SN3500-M16-110	1	SN3500-M16-90	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-30	30°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-35	35°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-40	40°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-45	45°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-50	50°	SN3500-M16-110	1	SN3500-M16-80	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-55	55°	SN3500-M16-110	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-60	60°	SN3500-M16-110	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2
SN5654-PMO-LOS-1000-65	65°	SN3500-M16-100	1	SN3500-M16-70	2	SN5651-LOS-DS-50x20	2

Lock-Out-System für PMU

Lock-Out-System for PMU

Sytème de verrouillage pour PMU





SN5654-LOS Mat.: ST

SN5654-LOS-Type

Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk	Kugelscheibe Ball washer Boule-disque	Stk
PMU 0065									
SN5654-PMU-LOS-0065-00	00°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0065-05	05°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0065-10	10°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	-	-
SN5654-PMU-LOS-0065-15	15°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	-	-
SN5654-PMU-LOS-0065-20	20°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-19x15	1	-	-
SN5654-PMU-LOS-0065-25	25°	SN3500-M10-45	1	-	-	SN5651-LOS-DS-19x15	1	-	-
PMU 0090									
SN5654-PMU-LOS-0090-00	00°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0090-05	05°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0090-10	10°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	-	-
SN5654-PMU-LOS-0090-15	15°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-19x15	1	-	-
SN5654-PMU-LOS-0090-20	20°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-19x15	1	-	-
SN5654-PMU-LOS-0090-25	25°	SN3500-M10-45	1	-	-	SN5651-LOS-DS-19x15	1	-	-
PMU 0125									
SN5654-PMU-LOS-0125-00	00°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-25x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0125-05	05°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-25x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0125-10	10°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-25x15	1	-	-
SN5654-PMU-LOS-0125-15	15°	SN3500-M10-45	1	-	-	SN5651-LOS-DS-25x15	1	-	-
SN5654-PMU-LOS-0125-20	20°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-25x15	1	-	-
SN5654-PMU-LOS-0125-25	25°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-25x15	1	-	-
PMU 0165									
SN5654-PMU-LOS-0165-00	00°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-32x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0165-05	05°	SN3500-M10-35	1	-	-	SN5651-LOS-DS-32x15	1	SN5654-PMU-LOS-KS	1
SN5654-PMU-LOS-0165-10	10°	SN3500-M10-40	1	-	-	SN5651-LOS-DS-32x15	1	-	-
SN5654-PMU-LOS-0165-15	15°	SN3500-M10-45	1	-	-	SN5651-LOS-DS-32x15	1	-	-
SN5654-PMU-LOS-0165-20	20°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1	-	-
SN5654-PMU-LOS-0165-25	25°	SN3500-M10-55	1	-	-	SN5651-LOS-DS-32x15	1	-	-

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SN5654-LOS - PMU

Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk	Kugelscheibe Ball washer Boule-disque	Stk
PMU 0230									
SN5654-PMU-LOS-0230-00	00°	SN3500-M12-40	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0230-05	05°	SN3500-M12-40	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0230-10	10°	SN3500-M12-45	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0230-15	15°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0230-20	20°	SN3500-M12-60	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0230-25	25°	SN3500-M12-60	1	-	-	SN5651-LOS-DS-32x20	1	-	-
PMU 0260									
SN5654-PMU-LOS-0260-00	00°	SN3500-M12-40	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0260-05	05°	SN3500-M12-40	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0260-10	10°	SN3500-M12-45	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0260-15	15°	SN3500-M12-50	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0260-20	20°	SN3500-M12-60	1	-	-	SN5651-LOS-DS-32x20	1	-	-
SN5654-PMU-LOS-0260-25	25°	SN3500-M12-60	1	-	-	SN5651-LOS-DS-32x20	1	-	-
PMU 0330									
SN5654-PMU-LOS-0330-00	00°	SN3500-M12-50	2	-	-	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0330-05	05°	SN3500-M12-45	2	-	-	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0330-10	10°	SN3500-M12-45	1	SN3500-M12-60	1	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0330-15	15°	SN3500-M12-45	1	SN3500-M12-65	1	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0330-20	20°	SN3500-M12-50	1	SN3500-M12-80	1	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0330-25	25°	SN3500-M12-50	1	SN3500-M12-90	1	SN5651-LOS-DS-50x35	1	-	-
PMU 0400									
SN5654-PMU-LOS-0400-00	00°	SN3500-M12-50	2	-	-	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0400-05	05°	SN3500-M12-45	2	-	-	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0400-10	10°	SN3500-M12-45	1	SN3500-M12-60	1	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0400-15	15°	SN3500-M12-45	1	SN3500-M12-65	1	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0400-20	20°	SN3500-M12-50	1	SN3500-M12-80	1	SN5651-LOS-DS-50x35	1	-	-
SN5654-PMU-LOS-0400-25	25°	SN3500-M12-50	1	SN3500-M12-90	1	SN5651-LOS-DS-50x35	1	-	-
PMU 0460									
SN5654-PMU-LOS-0460-00	00°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0460-05	05°	SN3500-M12-45	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0460-10	10°	SN3500-M12-45	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0460-15	15°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0460-20	20°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0460-25	25°	SN3500-M12-50	1	SN3500-M12-60	2	SN5651-LOS-DS-45x35	2	-	-
PMU 0580									
SN5654-PMU-LOS-0580-00	00°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0580-05	05°	SN3500-M12-45	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0580-10	10°	SN3500-M12-45	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0580-15	15°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0580-20	20°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0580-25	25°	SN3500-M12-50	1	SN3500-M12-60	2	SN5651-LOS-DS-45x35	2	-	-

SN5654-LOS - PMU

Type		Schraube Screw Vis	Stk	Schraube Screw Vis	Stk	Druckstück Locking heel Coin de fermeture	Stk	Kugelscheibe Ball washer Boule-disque	Stk
PMU 0700									
SN5654-PMU-LOS-0700-00	00°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0700-05	05°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0700-10	10°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0700-15	15°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0700-20	20°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0700-25	25°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
PMU 0850									
SN5654-PMU-LOS-0850-00	00°	SN3500-M12-55	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0850-05	05°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0850-10	10°	SN3500-M12-55	1	SN3500-M12-50	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0850-15	15°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0850-20	20°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-0850-25	25°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
PMU 1000									
SN5654-PMU-LOS-1000-00	00°	SN3500-M12-55	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-05	05°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-10	10°	SN3500-M12-55	1	SN3500-M12-50	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-15	15°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-20	20°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-25	25°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
PMU 1200									
SN5654-PMU-LOS-1000-00	00°	SN3500-M12-55	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-05	05°	SN3500-M12-50	1	SN3500-M12-40	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-10	10°	SN3500-M12-55	1	SN3500-M12-50	2	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-15	15°	SN3500-M12-50	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-20	20°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-
SN5654-PMU-LOS-1000-25	25°	SN3500-M12-60	3	-	-	SN5651-LOS-DS-45x35	2	-	-

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Lock-Out-System SN5654-LOS

Kraftverteilung:
Mit dem neu entwickelten Lock-Out-System ist es möglich, den entsprechenden Normschieber spielfrei in seiner vorderen Endlage zu fixieren. Dabei wird der Schieberkörper mit der Schieberaufnahme verschraubt. Das besondere daran ist, dass die Spannschrauben unter einem Winkel zur entsprechenden Auflagefläche wirken. D.h., der Schieberkörper wird durch die aufgeteilten (resultierenden) Kräfte einmal gegen die prismatisch angeordneten Gleitleisten und gleichzeitig gegen das Druckstück gezogen.
Nun ist der Schieberkörper spielfrei in seiner vorderen Endlage exakt positioniert und für zusätzliche Bearbeitungen vorbereitet.
Bitte berücksichtigen Sie, dass das Lock-Out-System nur bei ausgebauten Normschiebern einsetzbar ist. Bei den meisten PowerMax-Normschiebern sind die Befestigungsbohrungen zum Teil verdeckt, wenn der Schieberkörper in der vorderen Endlage steht.

Lock-Out-System SN5654-LOS

Distribution of force:
The new developed Lock-Out-System makes it possible to fix the corresponding standard cam free of play in its front end position. In doing so, the cam body is screwed with the cam reception. The special thing is that the clamping screws act under an angle on the corresponding bearing face. That means the cam body is once pulled by the divided (resulting) force against the prismatically arranged guide rails and at the same time is pulled against the pressure piece.
Now the cam body is positioned free of play exactly in its front end position and is prepared for additional machining.
Please consider that the Lock-out-System can only be used in dismounted standard cams. At the most Power-Max standard cams the fixing holes are partly covered, if the cam body is in the front end position.

Sytème de verrouillage SN5654-LOS

Répartition des forces:
Avec le sytème Lock-Out nouvellement dévéloppé il est possible de fixer le coulisseau de standard correspondant sans jeu dans sa position finale avant. Y le corps du coulisseau est visé avec la réception du coulisseau. La particularité est que les tendeurs agissent sous un angle à la surface d'appui correspondante. Cela veut dire que le corps du coulisseau est tiré par les forces réparties (résultantes) contre les rails de guidage arrangés prismatiquement et en même temps est tiré contre la pièce de pression.
Maintenant le corps du coulisseau est positionné exactement sans jeu dans sa position finale avant et est preparé pour des usinages supplémentaires.
Veuillez considerer que le système Lock-Out peut seulement être utilizé auprès des coulisseaux de standard démontés. Auprès de la majorité des coulisseaux de standard PowerMax les trous de fixation sont en partie couverts si le corps du coulisseau est dans la position finale avant.

