

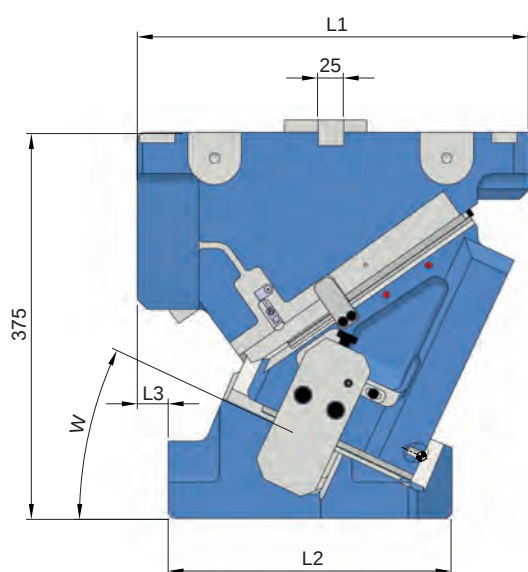


SN5650-PMO-0460-

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:



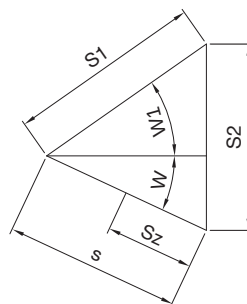
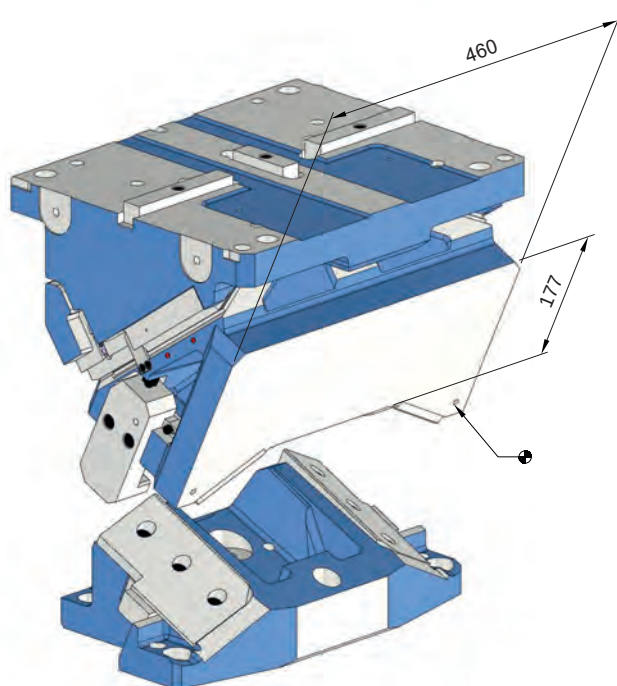
Pos. 1

Schieber zusammengefahren
Cam is moved together



Pos. 2

Schieber ausgefahren
Cam is extended



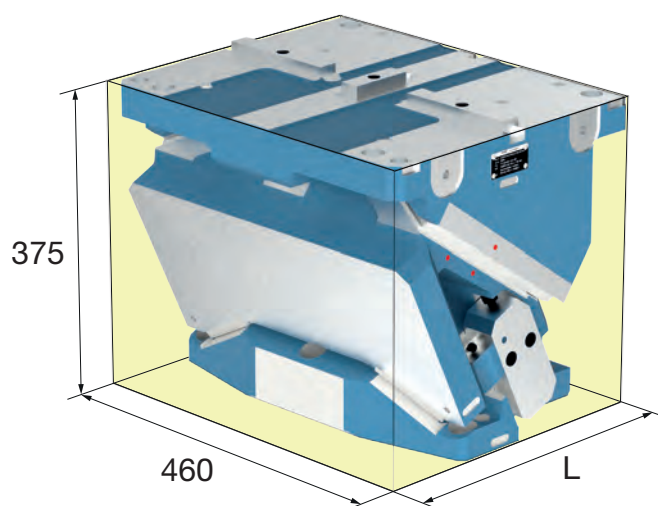
Sz = Eingriffslänge Aktivrückzug

Sz = Engagement length of activ return

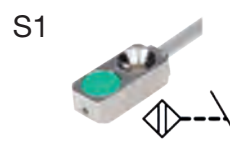
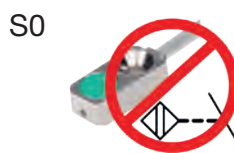
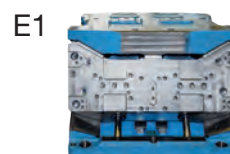
SN5650-PMO-0460-

Oben hängender Schieber

Aerial cam unit



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

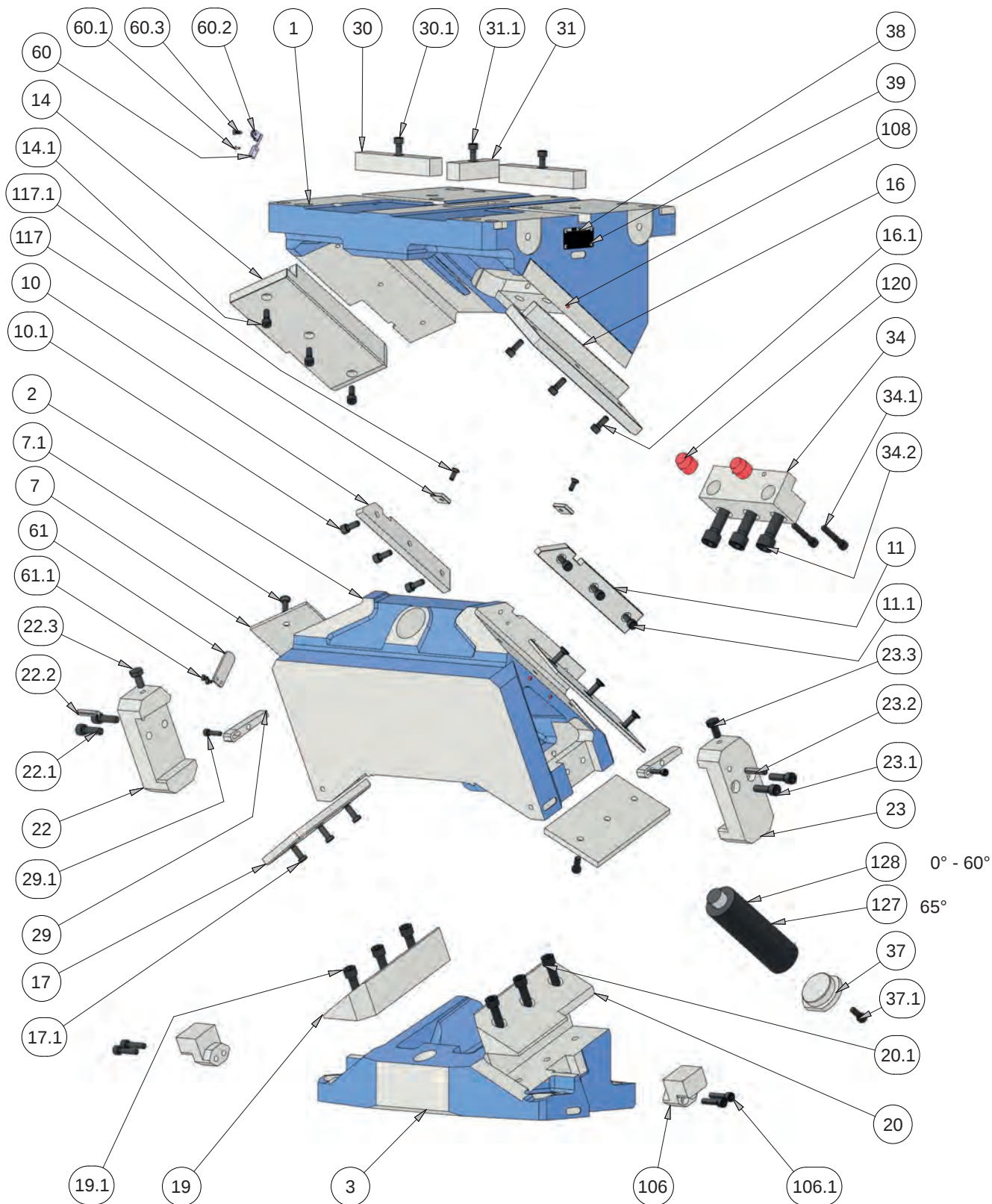


W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
50°	E1	G1	S0	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E1-G1-S0-V04
50°	E1	G1	S1	415	22	67.8	47	69.5	52	395	250	20	SN5650-PMO-0460-50-E1-G1-S1-V04
55°	E0	G0	S0	425	20	70.8	37	72.1	52	395	225	30	SN5650-PMO-0460-55-E0-G0-S0-V04
55°	E0	G0	S1	425	20	70.8	37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

SN5650-PMO-0460-

Bauteile

Components



Ersatzteilstückliste je Schieber unter www.strack.de

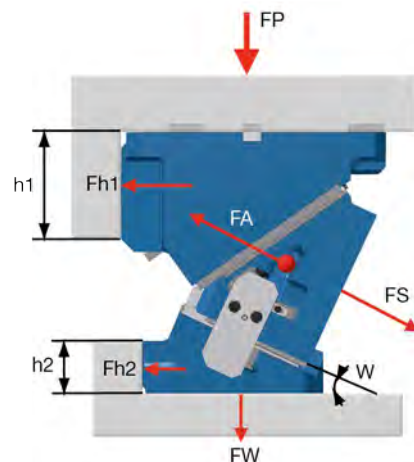
Sparepart lists under www.strack.de

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-Press

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	17 8 x 20 177	
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	903	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		
2 x 45				7 x 40				2 x 45				
460												

● F max. = 1253 kN

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
57	68	83	98	115	141	115	98	83	68	57

SN5650-PMO-0460-10°

98	126	173	242	345	721	345	242	173	126	98	17 8 x 20 177
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	
2 x 45				7 x 40				2 x 45			● F n
460											

● F max. = 1352 kN

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
61	73	90	113	136	170	136	113	90	73	61

SN5650-PMO-0460-20°

101	128	170	228	326	644	326	228	170	128	101	17 8 x 20 177
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	
2 x 45			7 x 40						2 x 45		● Fm
460											

● F max. = 1441 kN

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
67	80	99	128	161	206	161	128	99	80	67

SN5650-PMO-0460-30°

106	132	171	223	301	642	301	223	171	132	106	17 8 x 20 177
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	
											● Fm
2 x 45			7 x 40						2 x 45		
460											

● F max. = 1519 kN

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	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

SN5650-PMO-0460-

Schieberkräfte

Cam Force

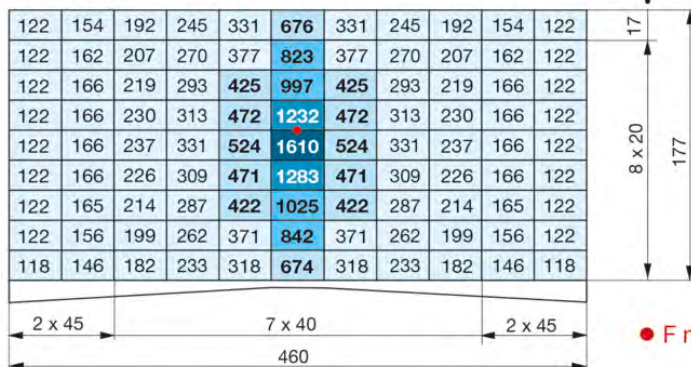
Abschulterung

Shouldering

Passfeder

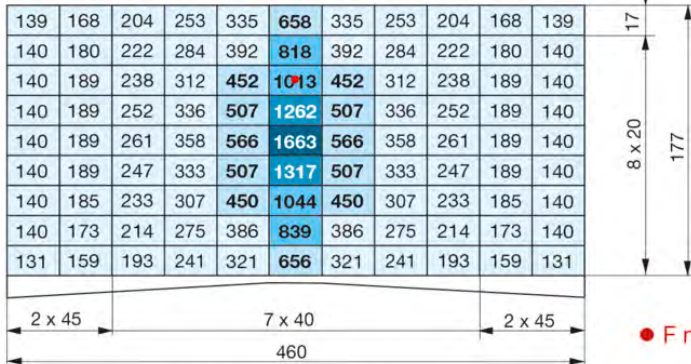
Fitting Key

SN5650-PMO-0460-40°



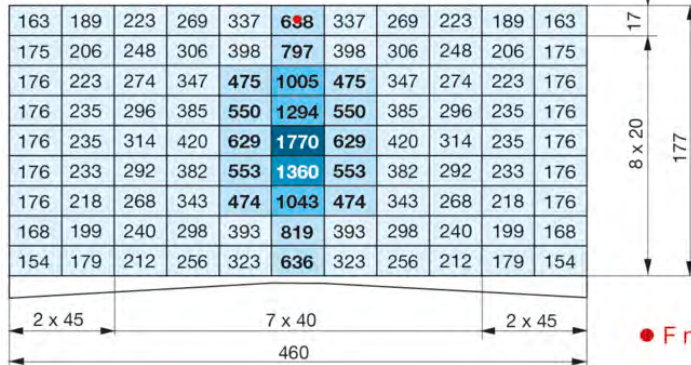
84	101	125	161	221	311	221	161	125	101	84
84	101	125	161	219	311	219	161	125	101	84
84	101	125	161	219	311	219	161	125	101	84
84	101	125	161	219	311	219	161	125	101	84
84	101	125	161	219	311	219	161	125	101	84
84	101	125	161	219	311	219	161	125	101	84
84	101	125	161	219	311	219	161	125	101	84
84	101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

SN5650-PMO-0460-50°



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

SN5650-PMO-0460-60°



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