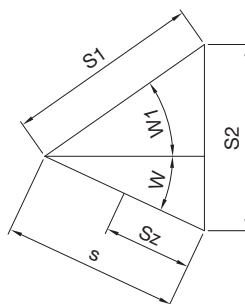
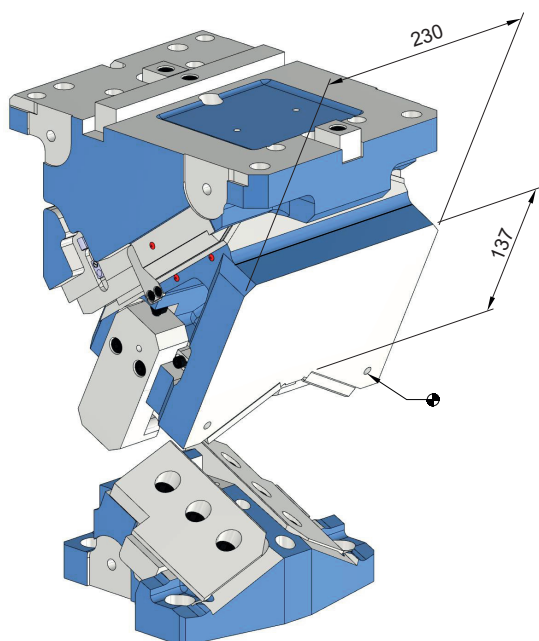
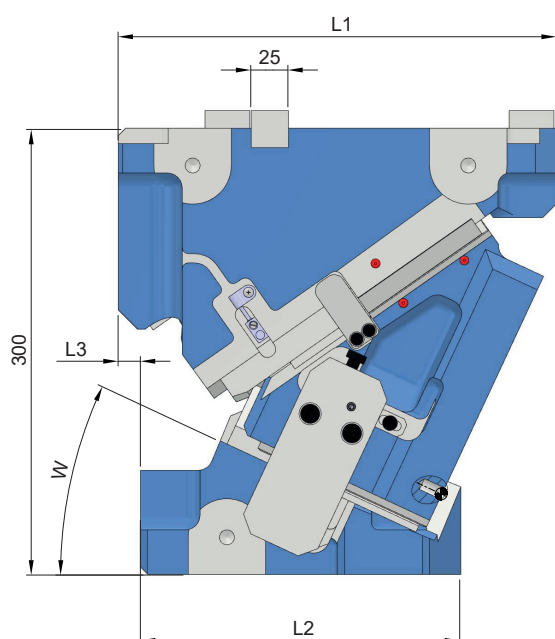


SN5650-PMO-0230-

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	> 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

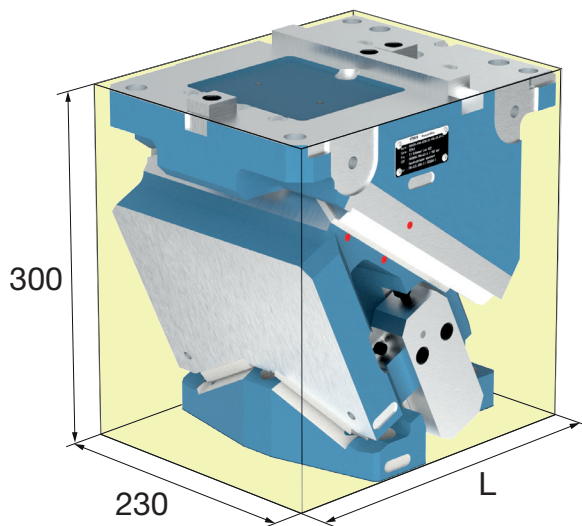
Sz = Eingriffslänge Aktivrückzug

Sz = Engagement length of activ return

SN5650-PMO-0230-

Oben hängender Schieber

Aerial cam unit



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

E0



E1



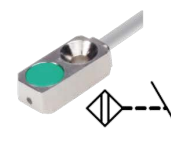
G0



S0



S1



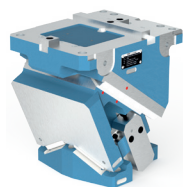
W = Schieberwinkel
Cam Angle

E = Einarbeitung
Machining

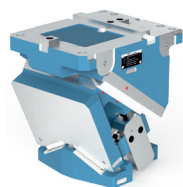
G = Gasdruckfeder
Gas spring

SE = Sensor
Sensor

W	E	G	SE	L	W1	s	S1	S2	Sz	L1	L2	L3	No.
0°	E0	G0	S0	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



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

Bauteile
Components

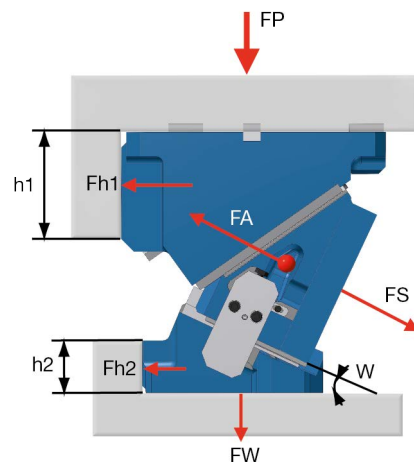


SN5650-PMO-0230-

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	17 6 x 20 137
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	
3 x 25 17,5 3 x 15 17,5 3 x 25 230											

● Fr

● F max. = 490 kN

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

SN5650-PMO-0230-10°

57	76	107	141	194	284	194	141	107	76	57	17 6 x 20 137
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	
3 x 25			17,5	3 x 15			17,5	3 x 25			● Fr
230											

● F max. = 559 kN

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

SN5650-PMO-0230-20°

53	68	90	112	159	249	159	112	90	68	53	17 6 x 20 137
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	
3 x 25 17,5 3 x 15 17,5 3 x 25 230											

● Fr

● F max. = 595 kN

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

SN5650-PMO-0230-30°

58	72	92	115	158	242	158	115	92	72	58	17 6 x 20 137
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	
3 x 25			17,5	3 x 15			17,5	3 x 25			● Fr
230											

● F max. = 624 kN

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

SN5650-PMO-0230-

Schieberkräfte

Cam Force

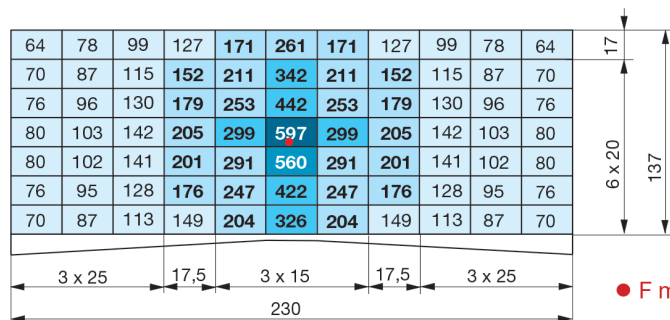
Abschulterung

Shouldering

Passfeder

Fitting Key

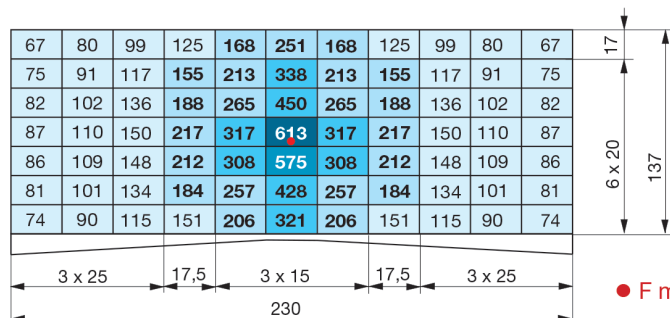
SN5650-PMO-0230-40°



● F max. = 695 kN

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

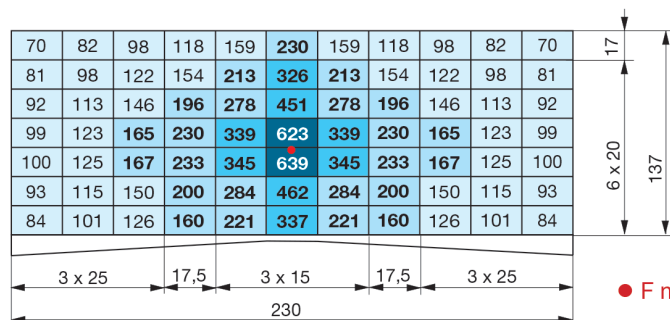
SN5650-PMO-0230-50°



● F max. = 718 kN

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

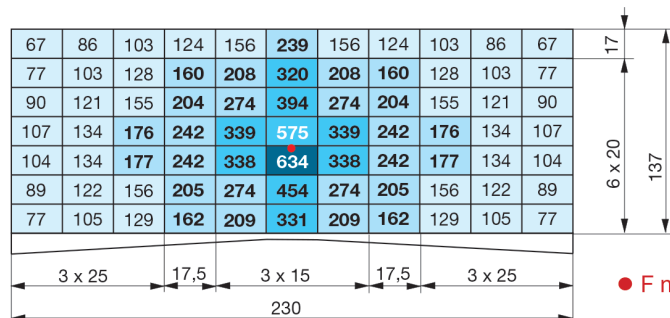
SN5650-PMO-0230-60°



● F max. = 710 kN

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

SN5650-PMO-0230-70°



● F max. = 735 kN

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