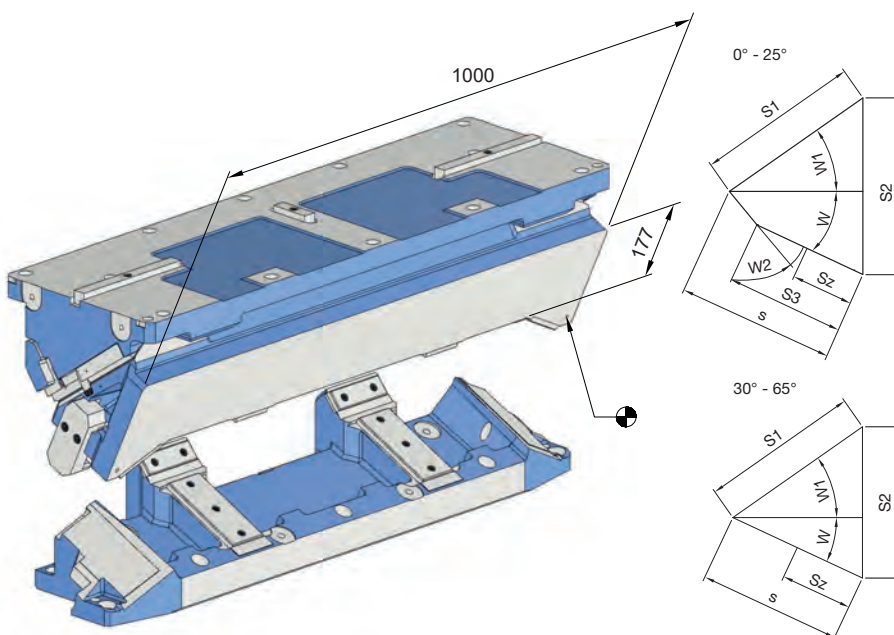
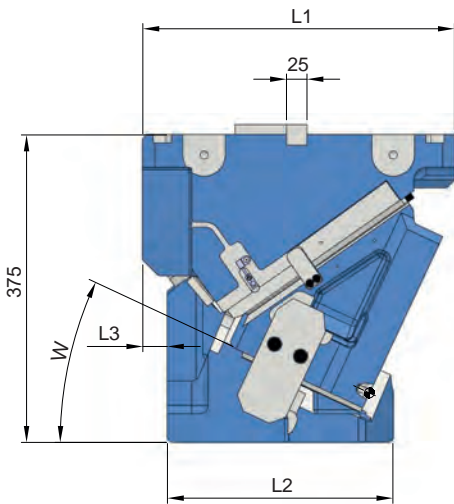


## SN5650-PMOL-1000-

### Oben hängender Schieber

Aerial cam unit

<b>Arbeitsfläche</b>	<i>Working area</i>	1000 x 177 mm
<b>Schieberbreite max.</b>	<i>Cam unit width max.</i>	1000 mm
<b>Einbauhöhe</b>	<i>Installation height</i>	375 mm
<b>Schieberkraft</b>	<i>Cam force</i>	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

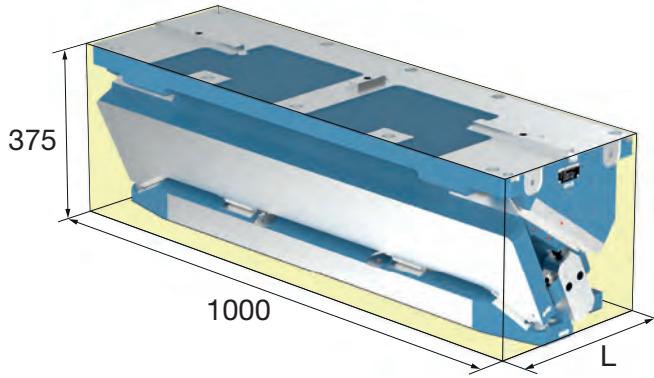
Sz = Eingriffslänge Aktivrückzug, 0° - 25° mit Vorbeschleunigung, 30° - 65° ohne Vorbeschleunigung

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

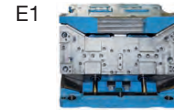
# SN5650-PMOL-1000-

## Oben hängender Schieber

Aerial cam unit



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

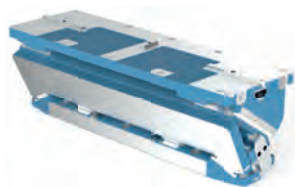


W = Schieberwinkel  
Cam Angle  
E = Einarbeitung  
Machining

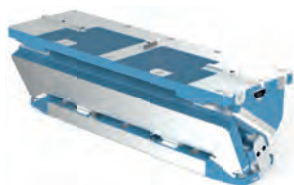
G = Gasdruckfeder  
Gas spring  
SE = Sensor  
Sensor

W	E	G	SE	L	W1	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

D 1801D 06.2022



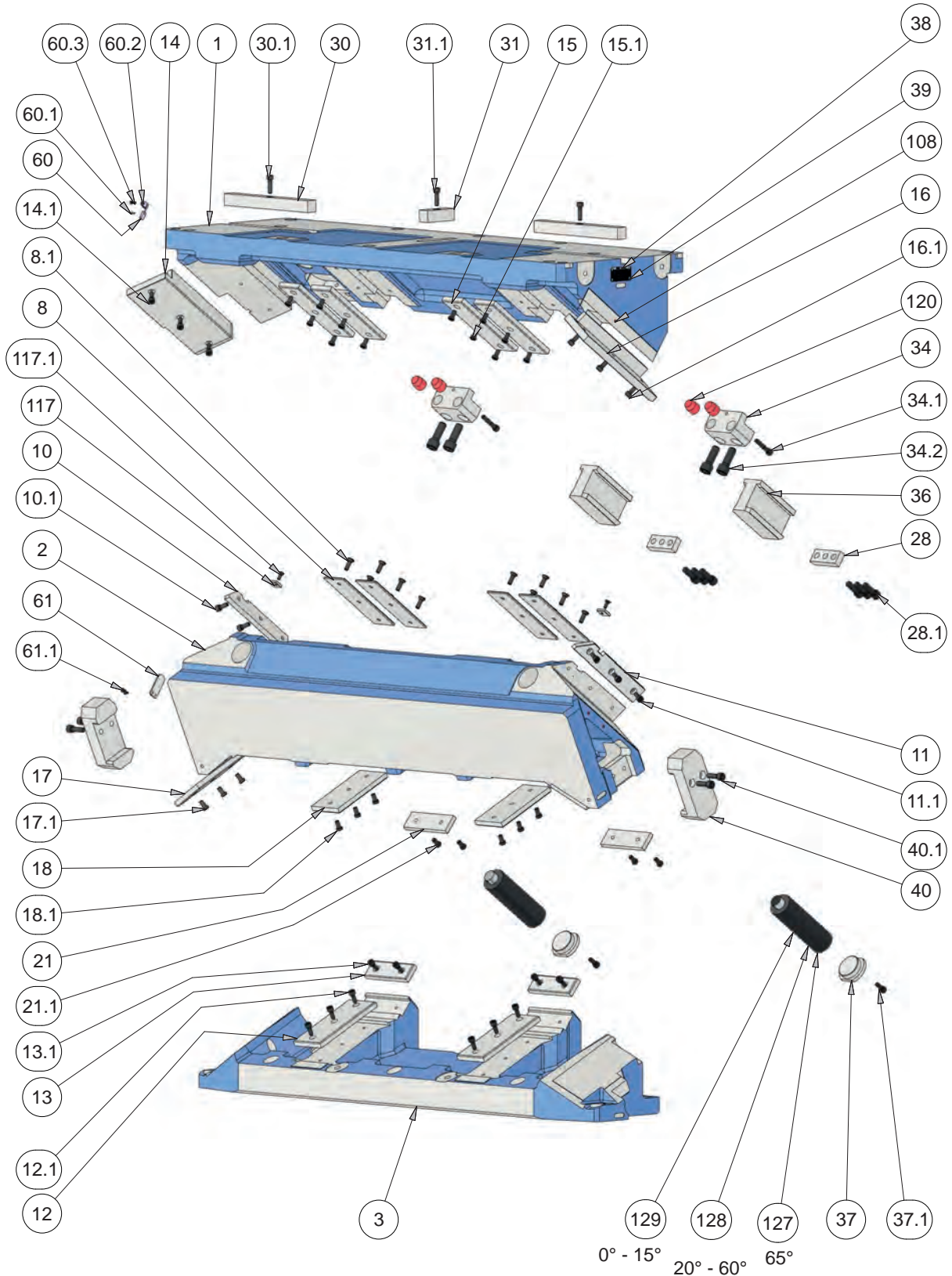
W	E	G	SE	L	W1	W2	s	S1	S2	S3	Sz	L1	L2	L3	No.
20°	E1	G0	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G0-S0-V04
20°	E1	G0	S1	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G0-S1-V04
20°	E1	G1	S0	380	37	25	50.2	57	55.9	40	32	380	275	30	SN5650-PMOL-1000-20-E1-G1-S0-V04
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



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



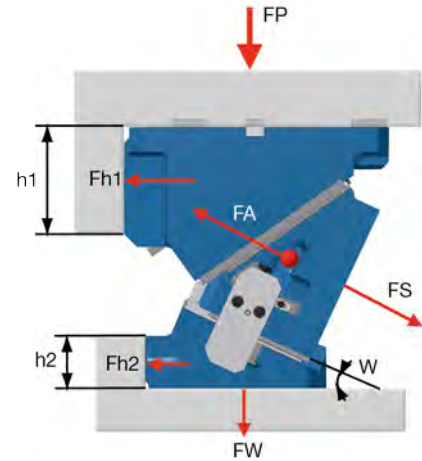
## SN5650-PMOL-1000-

### 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-Press

FW = W-Werkzeug

ES = S-Schieberkraft

FA = A-Abstreifkraft

Fh1 = h1-Abschulterung oben

Fh2 = h2-Abschulterung unten

W = Cam Angle

FP = P-Press

FW = W-Tool

ES = S-Cam Force

FA = A-Retractility

Fh1 = h1-Shouldering above

Fh2 = h2-Shouldering below

# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

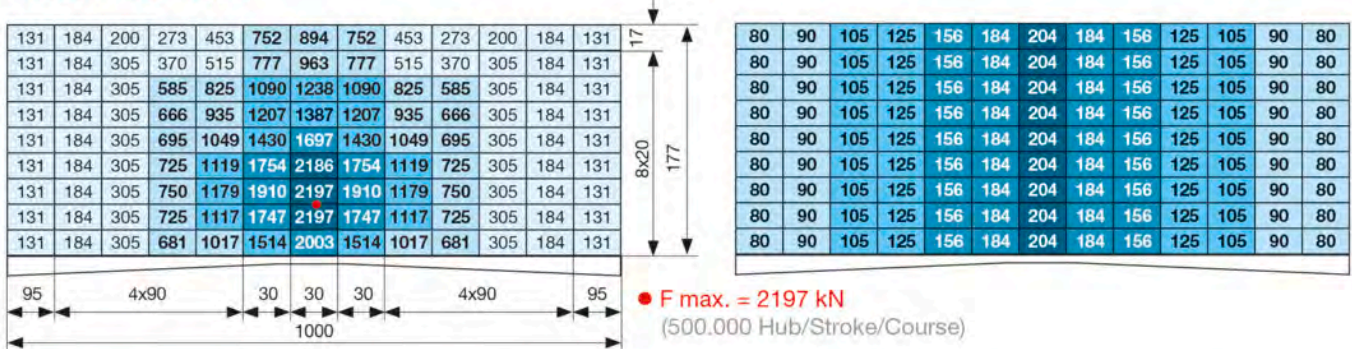
Abschulterung

Shouldering

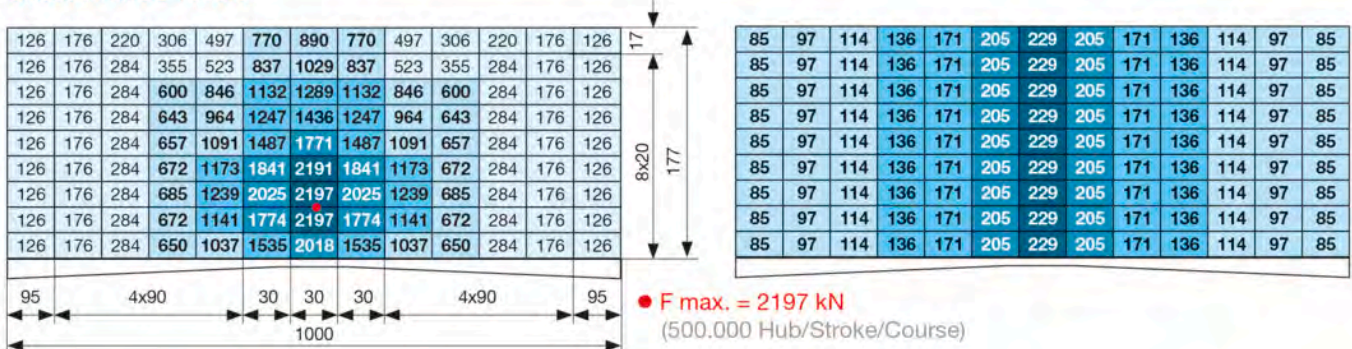
Passfeder

Fitting Key

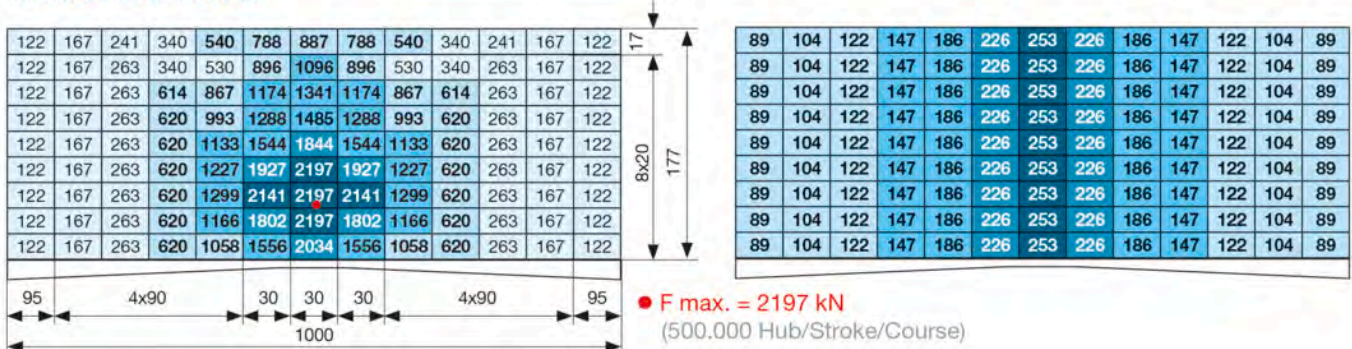
#### SN5650-PMOL-1000-0°



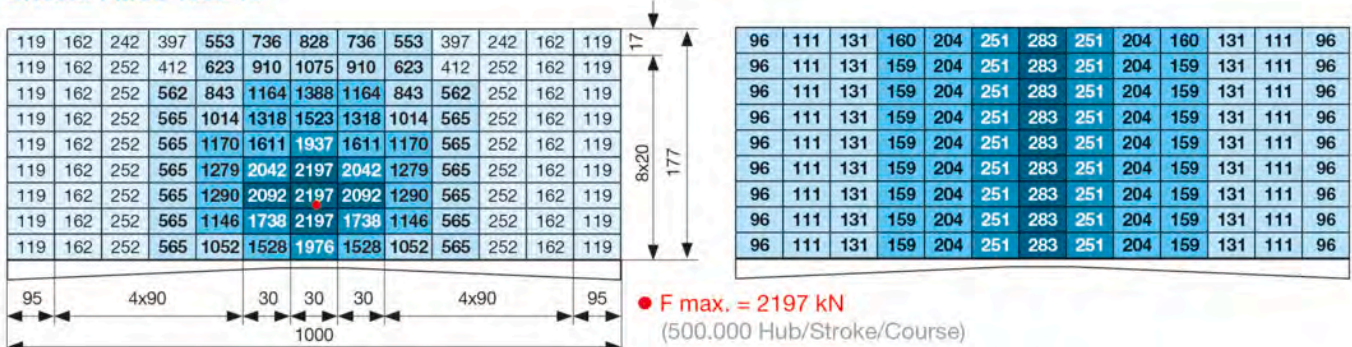
#### SN5650-PMOL-1000-5°



#### SN5650-PMOL-1000-10°



#### SN5650-PMOL-1000-15°



# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

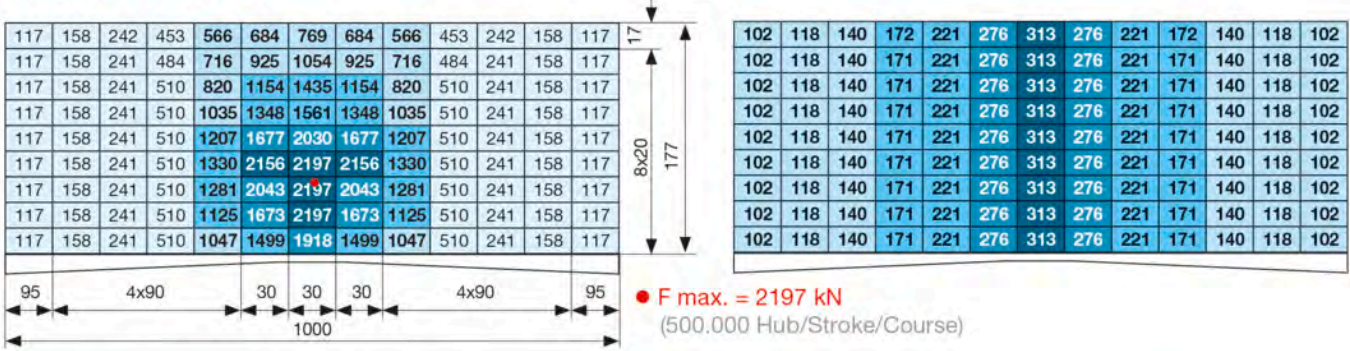
Abschulterung

Shouldering

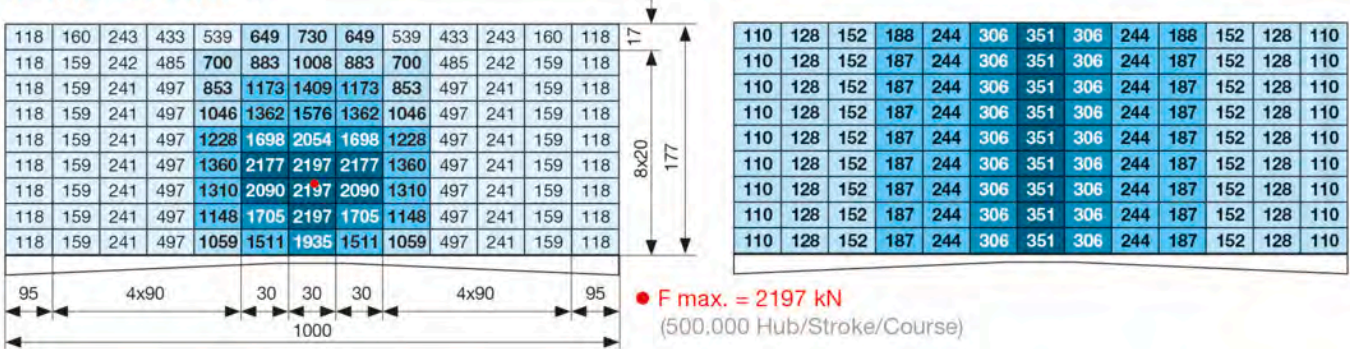
Passfeder

Fitting Key

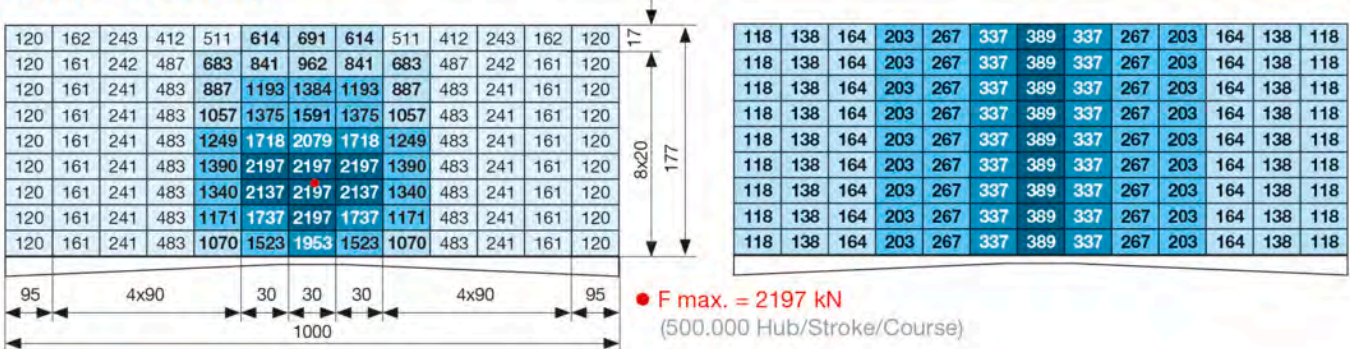
#### SN5650-PMOL-1000-20°



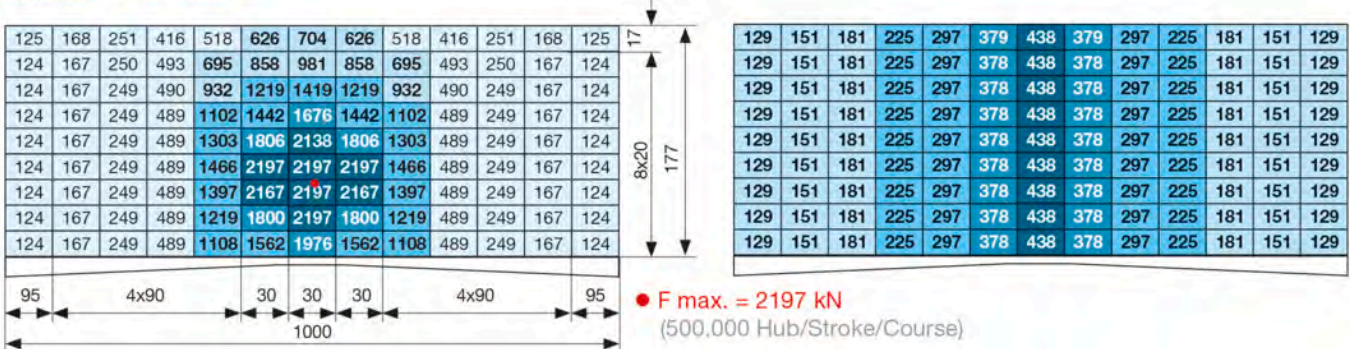
#### SN5650-PMOL-1000-25°



#### SN5650-PMOL-1000-30°



#### SN5650-PMOL-1000-35°





# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

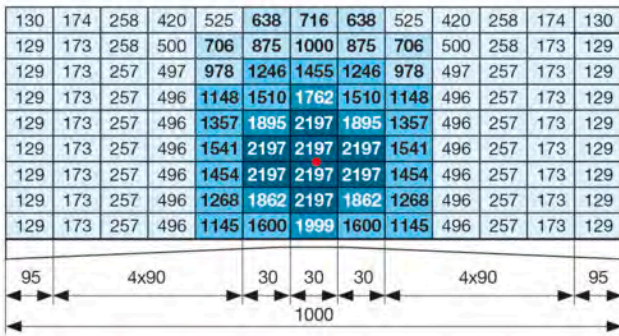
Abschulterung

Shouldering

Passfeder

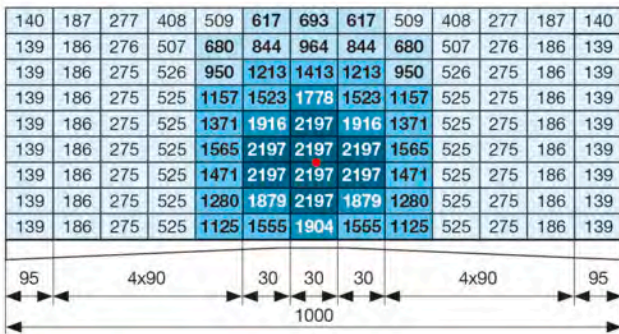
Fitting Key

#### SN5650-PMOL-1000-40°



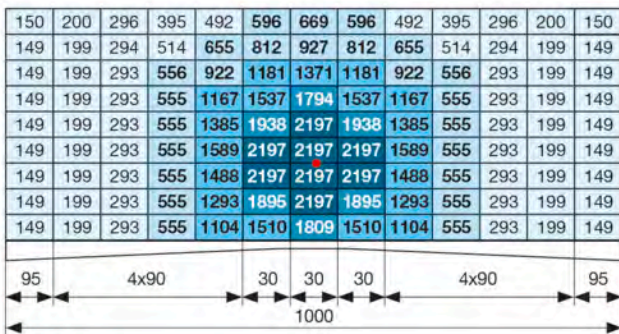
141	164	198	247	328	420	487	420	328	247	198	164	141
141	164	198	246	328	419	487	419	328	246	198	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	164	141
141	164	197	246	327	419	487	419	327	246	197	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
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

#### SN5650-PMOL-1000-45°



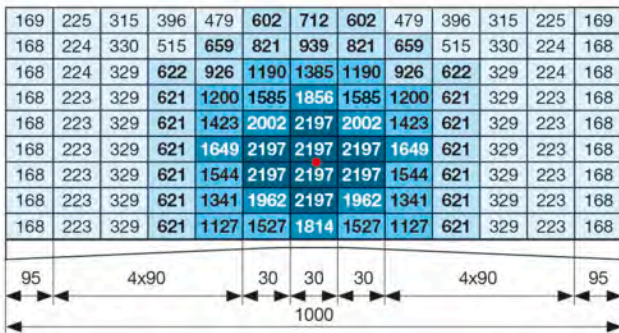
158	185	222	278	372	478	557	478	372	278	222	185	158
158	185	222	278	371	478	557	478	371	278	222	185	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	184	158
158	184	221	277	371	477	557	477	371	277	221	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
158	184	221	277	371	477	557	477	371	277	221	184	158

#### SN5650-PMOL-1000-50°



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
175	204	246	309	414	535	627	535	414	309	246	204	175

#### SN5650-PMOL-1000-55°



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
203	238	287	360	483	626	735	626	483	360	287	238	203

# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

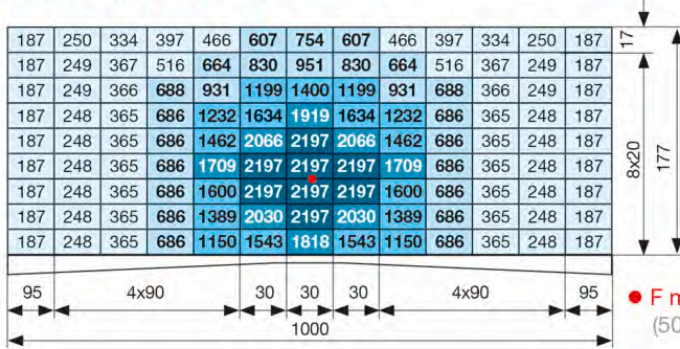
Abschulterung

Shouldering

Passfeder

Fitting Key

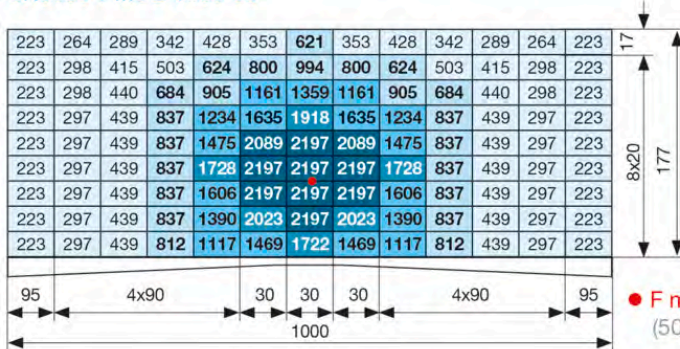
#### SN5650-PMOL-1000-60°



● F max. = 2197 kN  
(500.000 Hub/Stroke/Course)

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
231	271	327	411	552	716	843	716	552	411	327	271	231

#### SN5650-PMOL-1000-65°



● F max. = 2197 kN  
(500.000 Hub/Stroke/Course)

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
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

# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

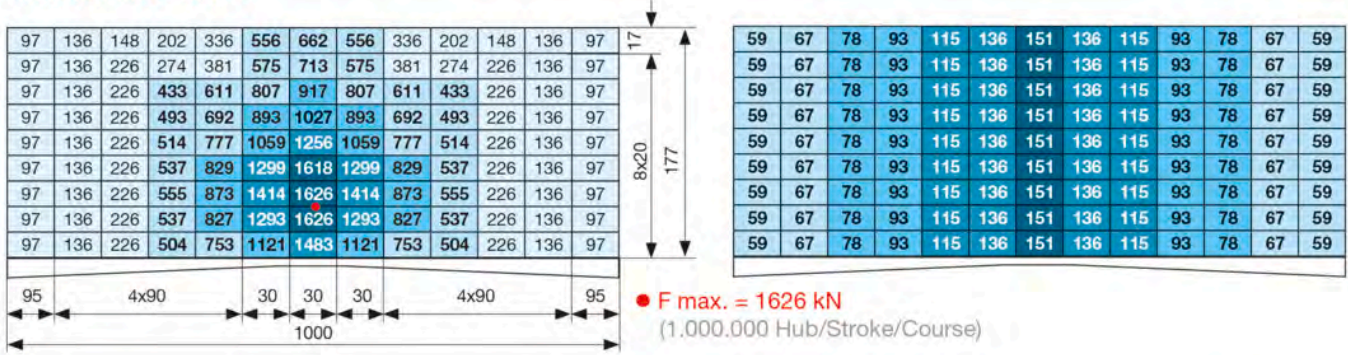
Abschulterung

Shouldering

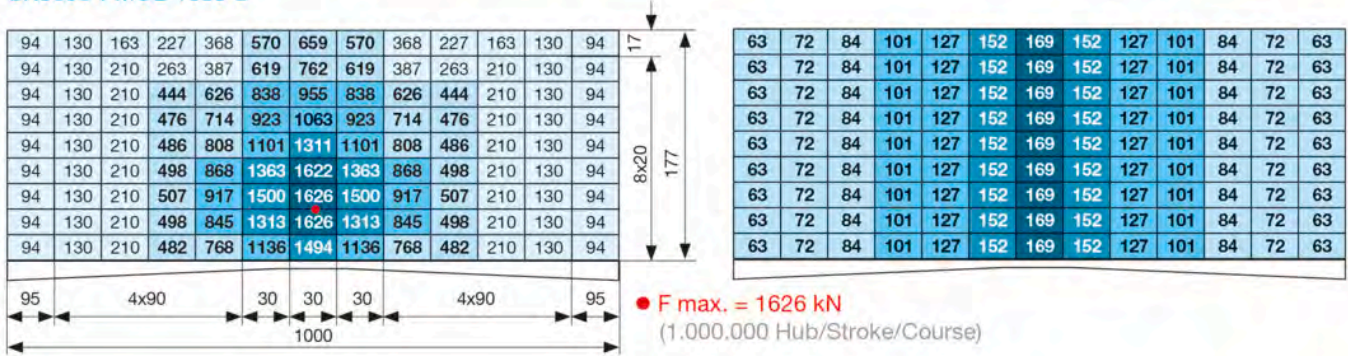
Passfeder

Fitting Key

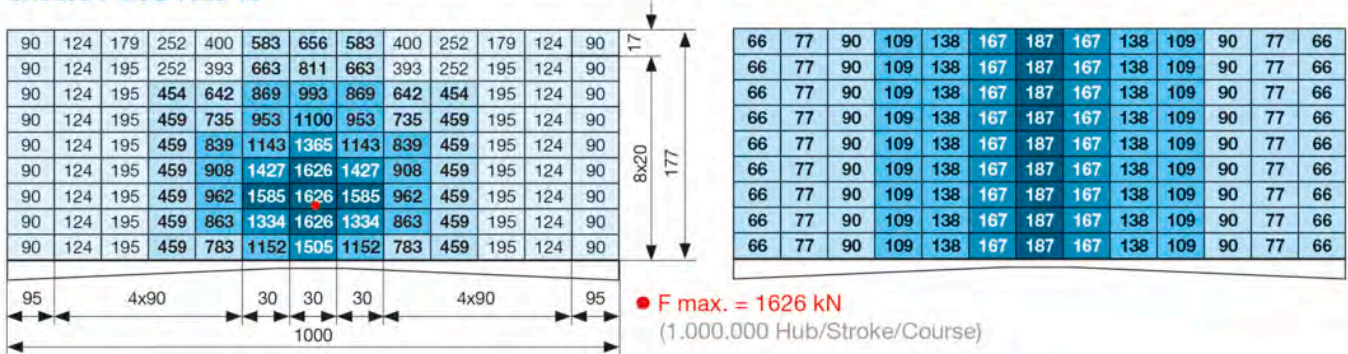
#### SN5650-PMOL-1000-0°



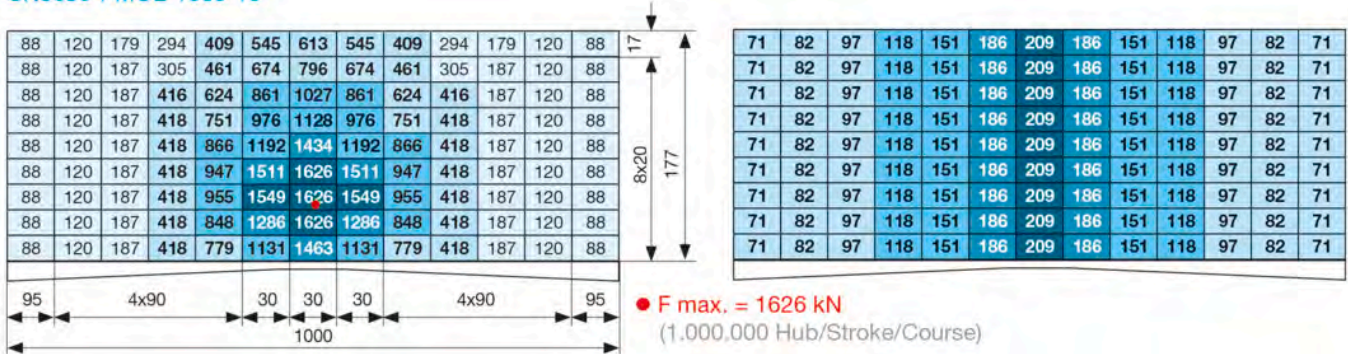
#### SN5650-PMOL-1000-5°



#### SN5650-PMOL-1000-10°



#### SN5650-PMOL-1000-15°



# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

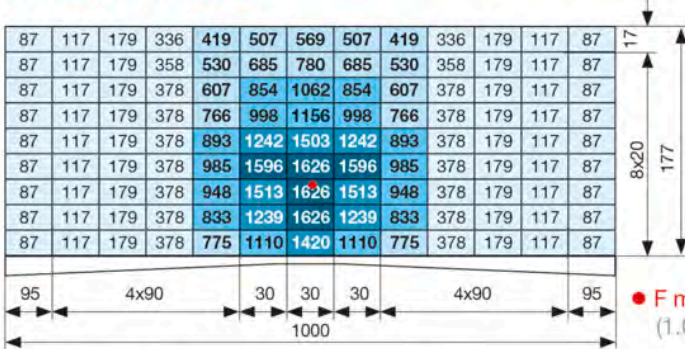
Abschulterung

Shouldering

Passfeder

Fitting Key

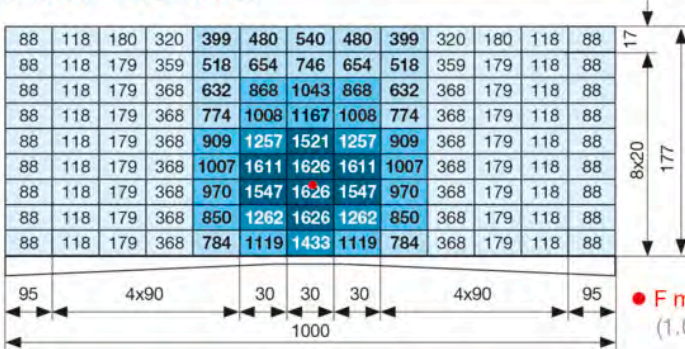
#### SN5650-PMOL-1000-20°



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
75	87	103	127	164	204	231	204	164	127	103	87	75

● F max. = 1626 kN  
(1.000.000 Hub/Stroke/Course)

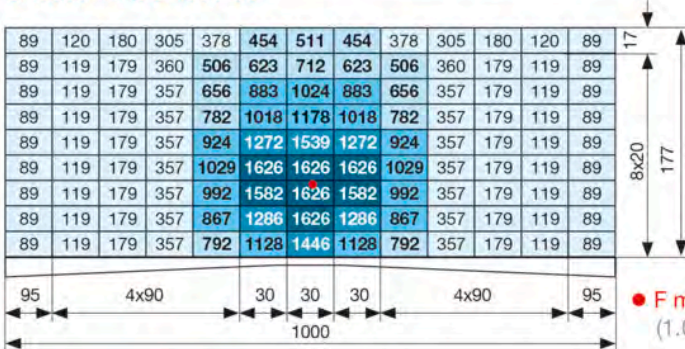
#### SN5650-PMOL-1000-25°



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
81	95	113	139	181	227	260	227	181	139	113	95	81

● F max. = 1626 kN  
(1.000.000 Hub/Stroke/Course)

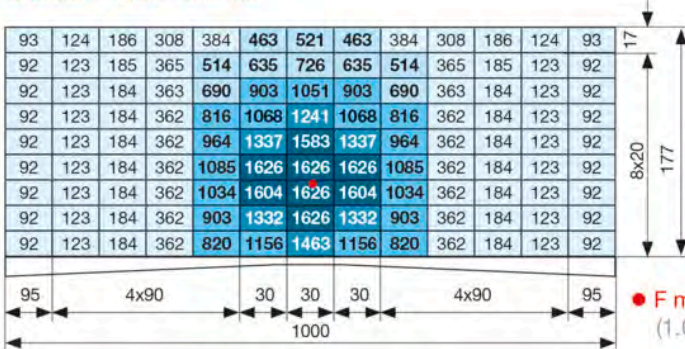
#### SN5650-PMOL-1000-30°



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
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°



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
96	112	134	166	220	280	324	280	220	166	134	112	96

● F max. = 1626 kN  
(1.000.000 Hub/Stroke/Course)

# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

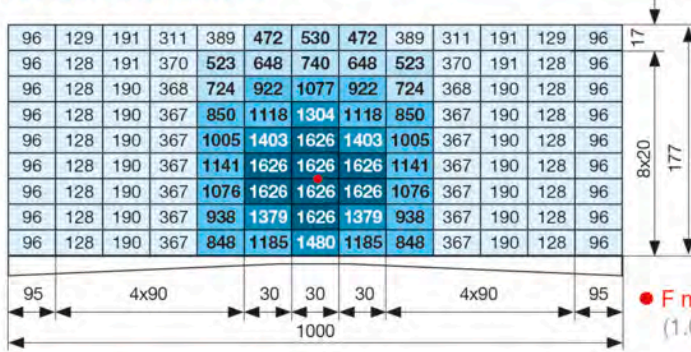
Abschulterung

Shouldering

Passfeder

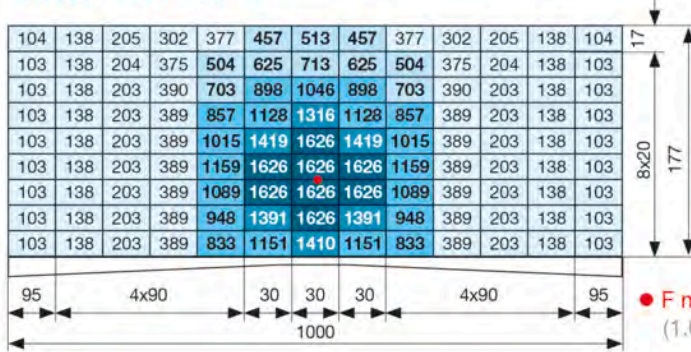
Fitting Key

#### SN5650-PMOL-1000-40°



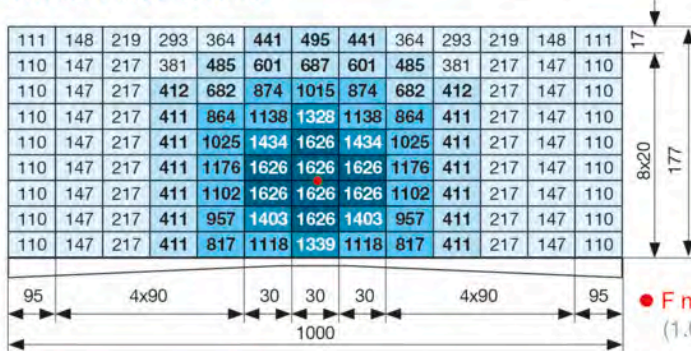
104	122	146	183	243	311	361	311	243	183	146	122	104
104	122	146	182	243	310	361	310	243	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104
104	122	146	182	242	310	361	310	242	182	146	122	104

#### SN5650-PMOL-1000-45°



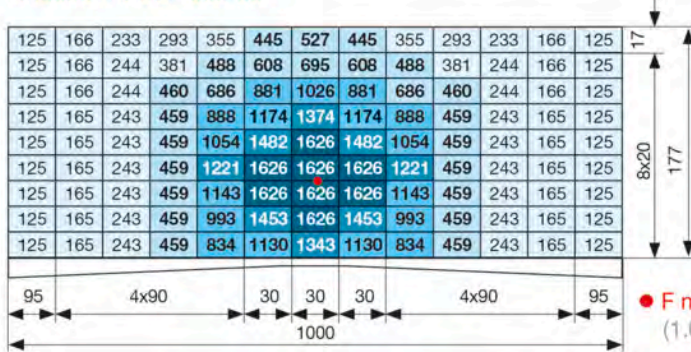
117	137	165	206	275	354	413	354	275	206	165	137	117
117	137	165	206	275	354	413	354	275	206	165	137	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117
117	136	164	205	274	353	413	353	274	205	164	136	117

#### SN5650-PMOL-1000-50°



129	152	183	229	307	397	464	397	307	229	183	152	129
129	152	183	229	307	397	464	397	307	229	183	152	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129
129	151	182	229	307	396	464	396	307	229	182	151	129

#### SN5650-PMOL-1000-55°



150	177	213	262	326	423	511	423	326	262	213	177	150
150	177	213	267	358	464	544	464	358	267	213	177	150
150	176	212	266	358	464	544	464	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150
150	176	212	266	358	463	544	463	358	266	212	176	150

# SN5650-PMOL-1000-

## Schieberkräfte

### Cam Force

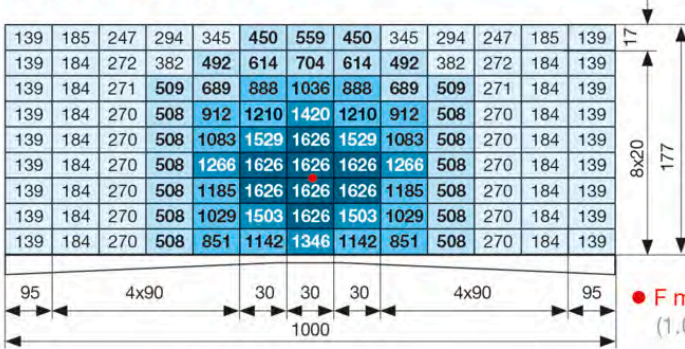
Abschulterung

Shouldering

Passfeder

Fitting Key

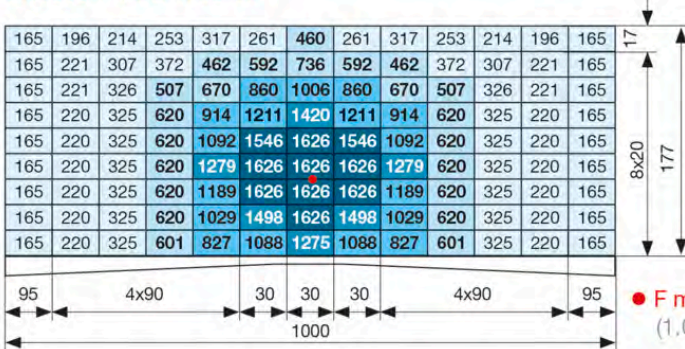
#### SN5650-PMOL-1000-60°



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°



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
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)