

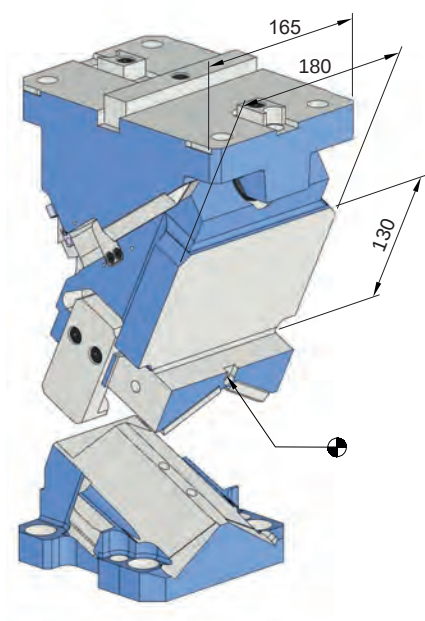
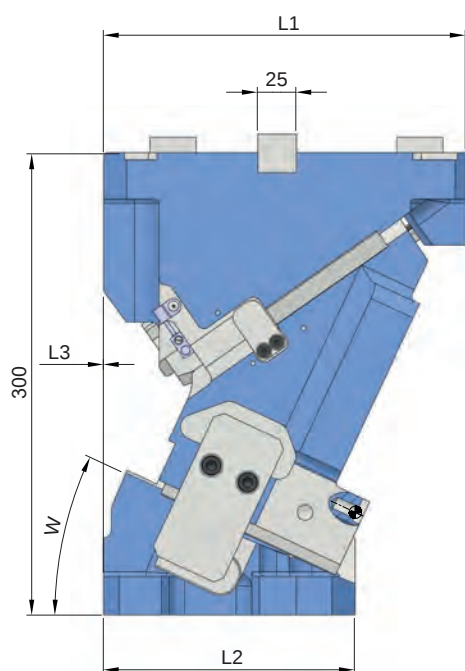


## SN5650-PMOKL-0180-

### 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:



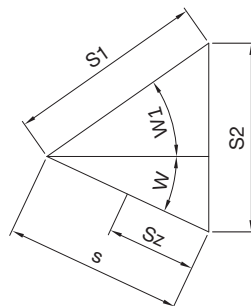
#### Pos. 1

Schieber zusammengefahren  
Cam is moved together



#### Pos. 2

Schieber ausgefahren  
Cam is extended

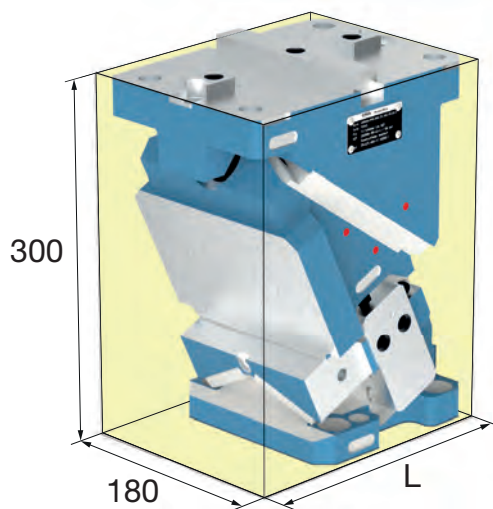


Sz = Eingriffslänge Aktivrückzug

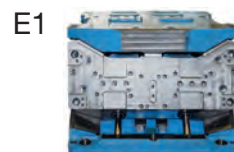
Sz = Engagement length of activ return

## SN5650-PMOKL-0180-

### Oben hängender Kompakt-L-Schieber



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



G0

Standard



G1



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 |

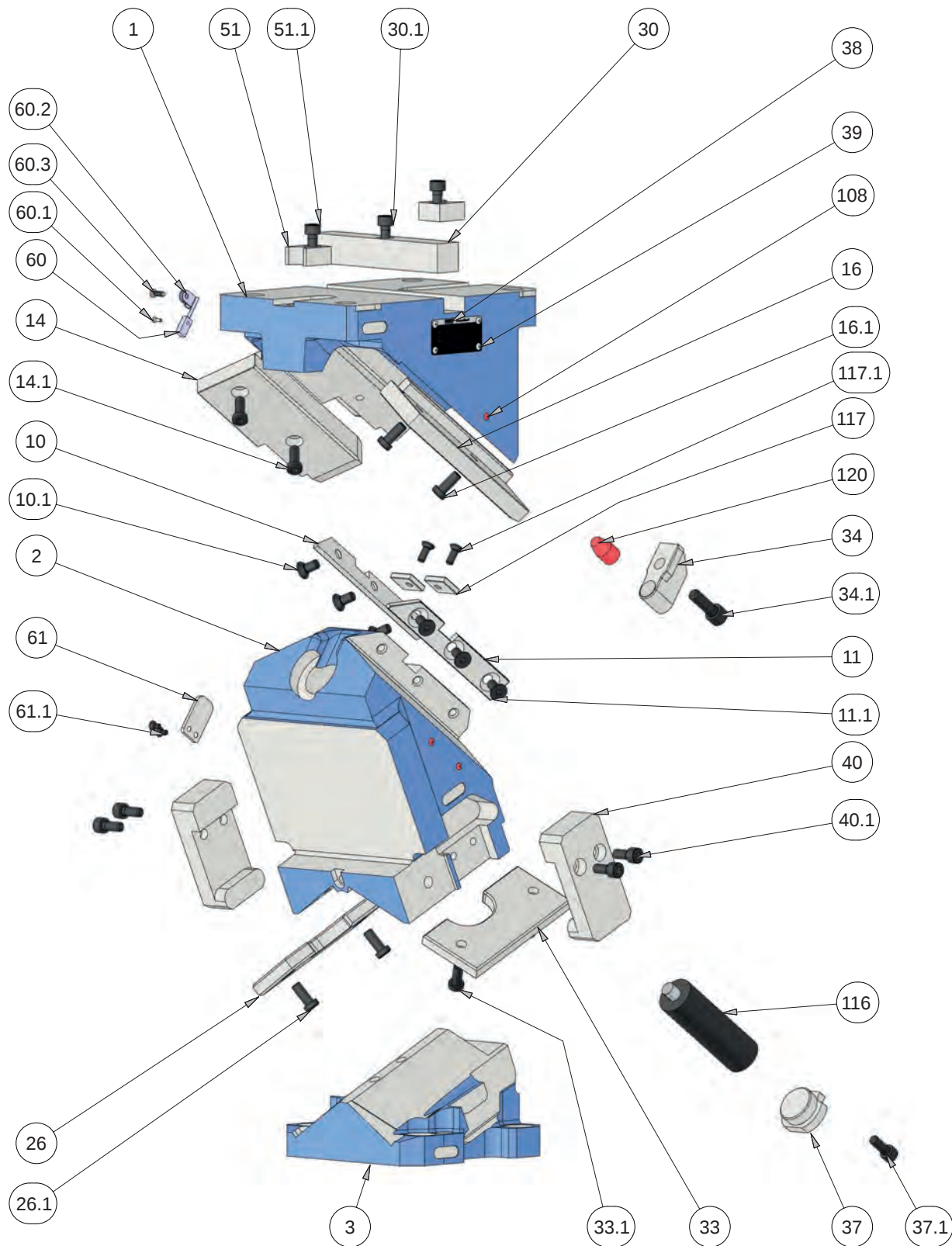


| W   | E  | G  | SE | L   | W1 | s    | S1 | S2   | Sz   | L1  | L2  | L3 | No.                               |
|-----|----|----|----|-----|----|------|----|------|------|-----|-----|----|-----------------------------------|
| 50° | E1 | G1 | S1 | 240 | 22 | 53.4 | 37 | 54.7 | 36.4 | 230 | 127 | 10 | 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](http://www.strack.de)

Sparepart lists under [www.strack.de](http://www.strack.de)

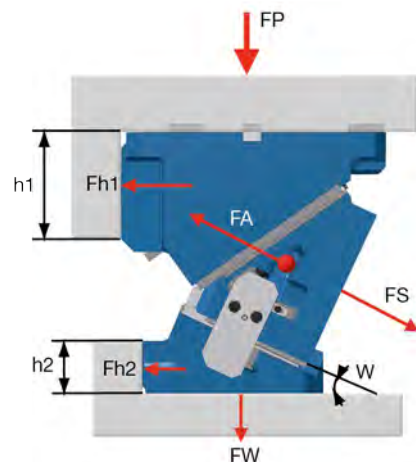
## SN5650-PMOKL-0180-

### Kraftverteilung

#### Force Distribution

#### 500.000 Stroke

| W   | FS<br>[kN] | FP<br>[kN] | Fh1<br>[kN] | FW<br>[kN] | Fh2<br>[kN] | h1<br>[mm] | h2<br>[mm] | FA<br>[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<br>[kN] | FP<br>[kN] | Fh1<br>[kN] | FW<br>[kN] | Fh2<br>[kN] | h1<br>[mm] | h2<br>[mm] | FA<br>[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-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-PMOKL-0180-

## Schieberkräfte

### Cam Force

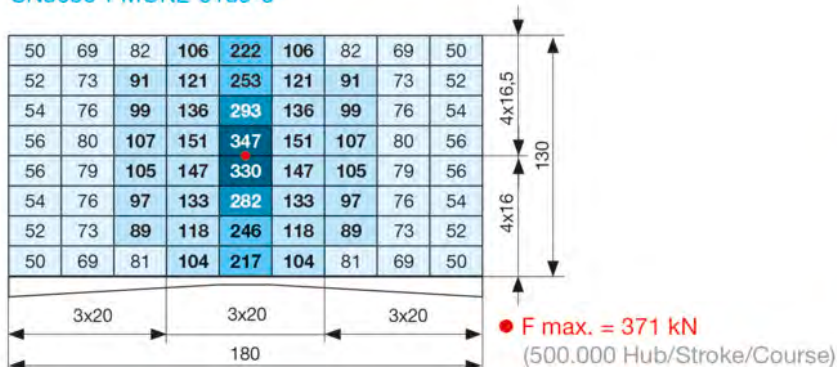
Abschulterung

Shouldering

Passfeder

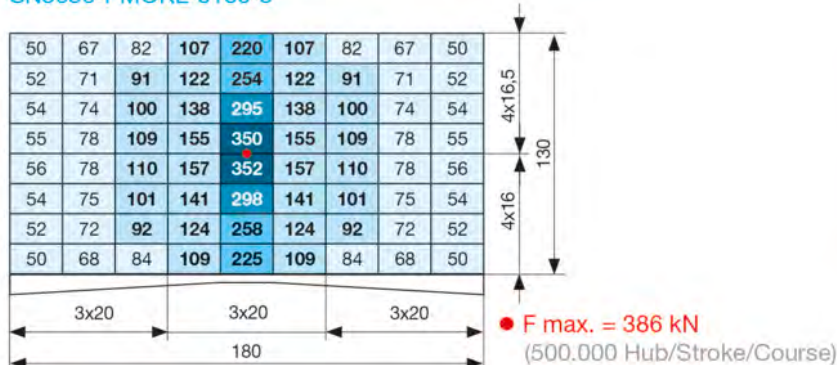
Fitting Key

#### SN5650-PMOKL-0180-0°



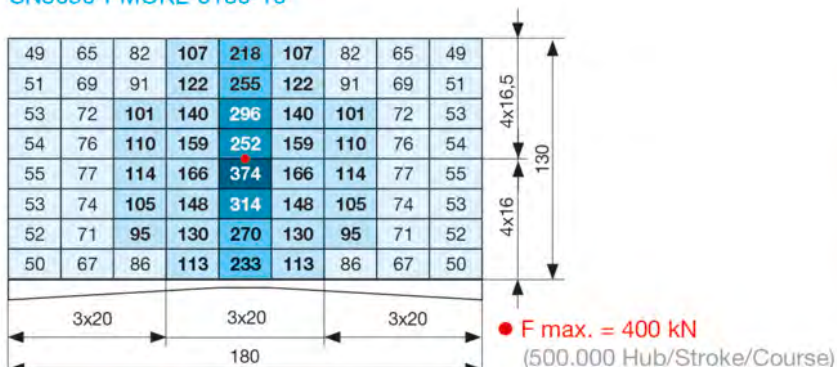
|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 43 | 43 | 52 | 59 | 67 | 59 | 52 | 43 | 43 |
| 43 | 52 | 59 | 67 | 78 | 67 | 59 | 52 | 43 |
| 43 | 52 | 59 | 67 | 78 | 67 | 59 | 52 | 43 |
| 43 | 52 | 59 | 67 | 78 | 67 | 59 | 52 | 43 |
| 43 | 52 | 59 | 67 | 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°



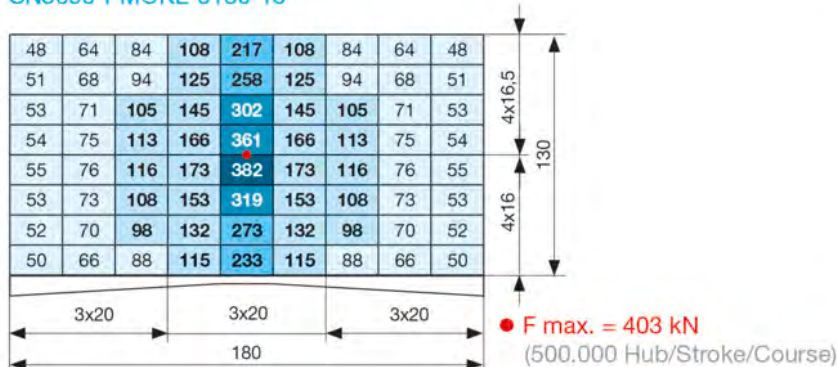
|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 44 | 44 | 54 | 64 | 73 | 64 | 54 | 44 | 44 |
| 44 | 54 | 64 | 73 | 85 | 73 | 64 | 54 | 44 |
| 44 | 54 | 64 | 73 | 85 | 73 | 64 | 54 | 44 |
| 44 | 54 | 64 | 73 | 85 | 73 | 64 | 54 | 44 |
| 44 | 54 | 64 | 73 | 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°



|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 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°



|    |    |    |    |     |    |    |    |    |
|----|----|----|----|-----|----|----|----|----|
| 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 |

# SN5650-PMOKL-0180-

## Schieberkräfte

### Cam Force

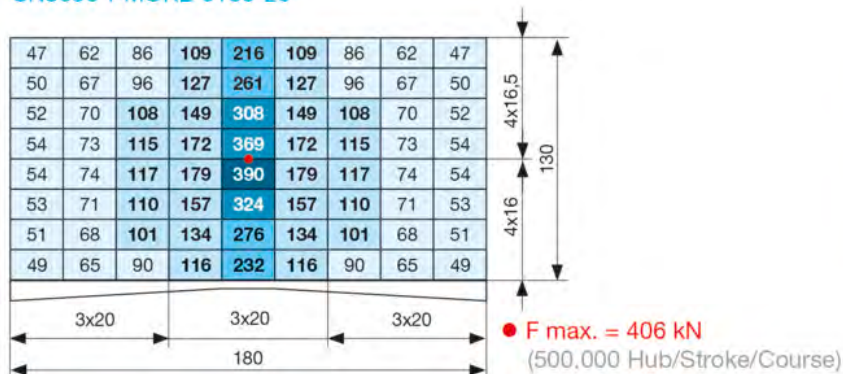
Abschulterung

Shouldering

Passfeder

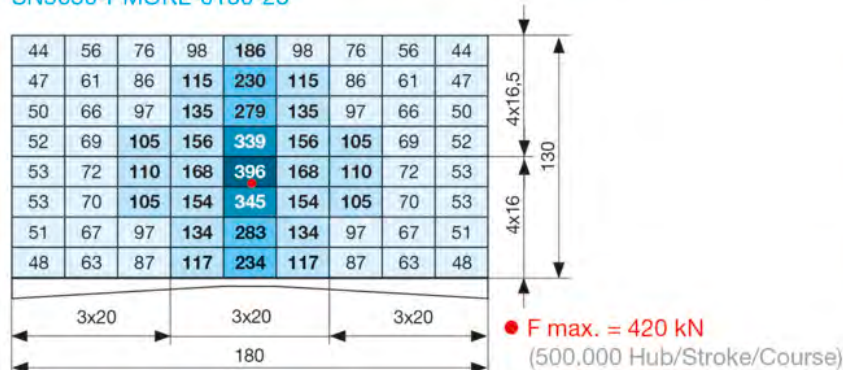
Fitting Key

#### SN5650-PMOKL-0180-20°



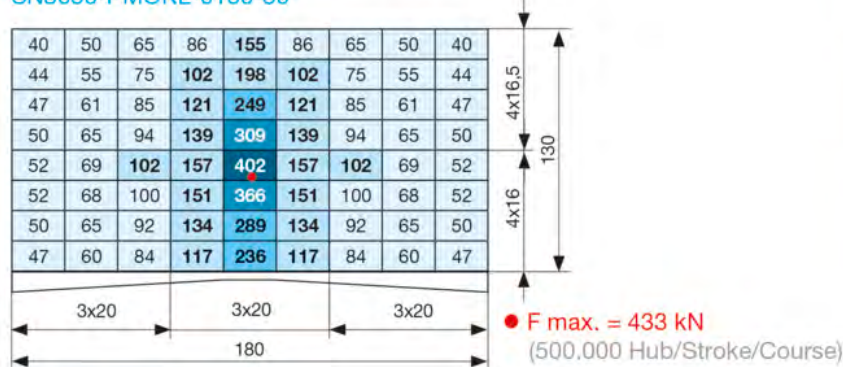
|    |    |    |    |     |    |    |    |    |
|----|----|----|----|-----|----|----|----|----|
| 47 | 47 | 60 | 78 | 92  | 78 | 60 | 47 | 47 |
| 49 | 60 | 78 | 92 | 109 | 92 | 78 | 60 | 49 |
| 49 | 60 | 78 | 92 | 109 | 92 | 78 | 60 | 49 |
| 49 | 60 | 78 | 92 | 109 | 92 | 78 | 60 | 49 |
| 49 | 60 | 78 | 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°



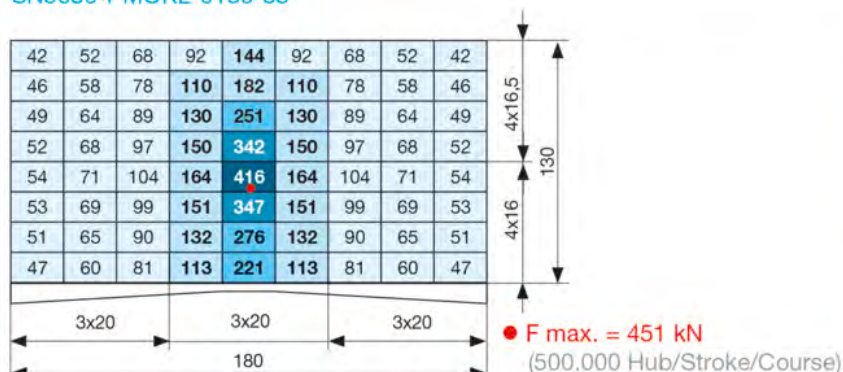
|    |    |    |    |     |    |    |    |    |
|----|----|----|----|-----|----|----|----|----|
| 44 | 44 | 55 | 72 | 89  | 72 | 55 | 44 | 44 |
| 47 | 58 | 77 | 97 | 120 | 97 | 77 | 58 | 47 |
| 48 | 61 | 80 | 97 | 120 | 97 | 80 | 61 | 48 |
| 50 | 62 | 80 | 97 | 120 | 97 | 80 | 62 | 50 |
| 51 | 62 | 80 | 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 | 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 | 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-

## Schieberkräfte

### Cam Force

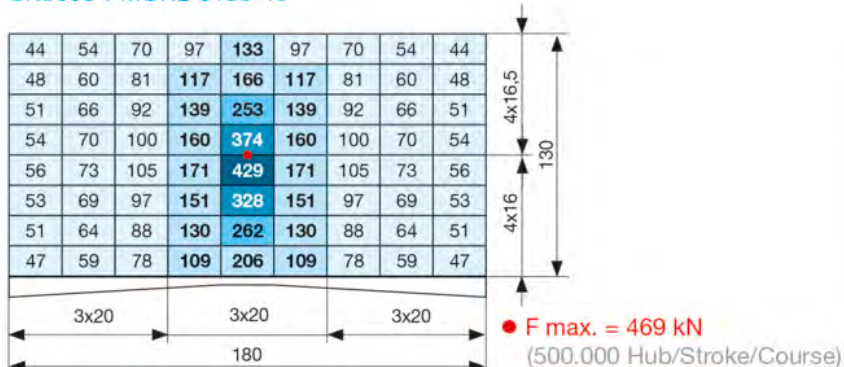
Abschulterung

Shouldering

Passfeder

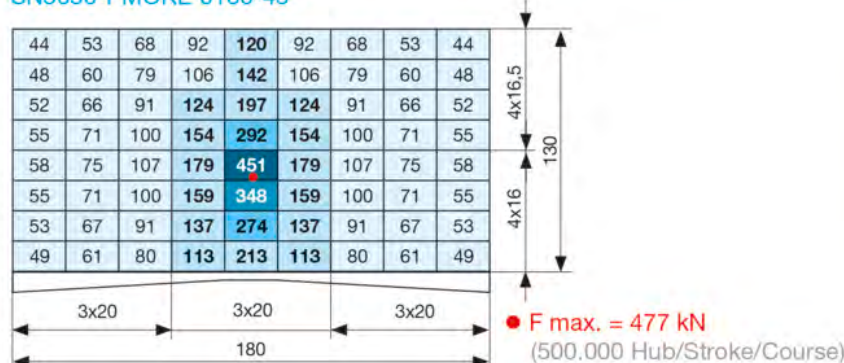
Fitting Key

#### SN5650-PMOKL-0180-40°



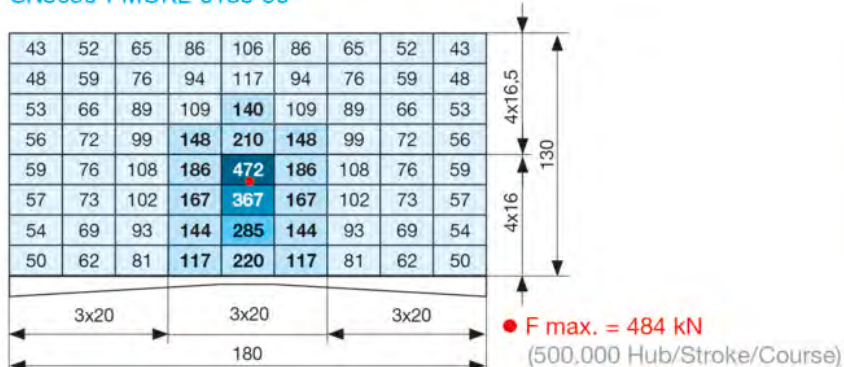
|    |    |    |     |     |     |    |    |    |
|----|----|----|-----|-----|-----|----|----|----|
| 44 | 44 | 54 | 70  | 97  | 70  | 54 | 44 | 44 |
| 48 | 60 | 81 | 117 | 160 | 117 | 81 | 60 | 48 |
| 51 | 66 | 92 | 123 | 160 | 123 | 92 | 66 | 51 |
| 54 | 70 | 93 | 123 | 160 | 123 | 93 | 70 | 54 |
| 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°



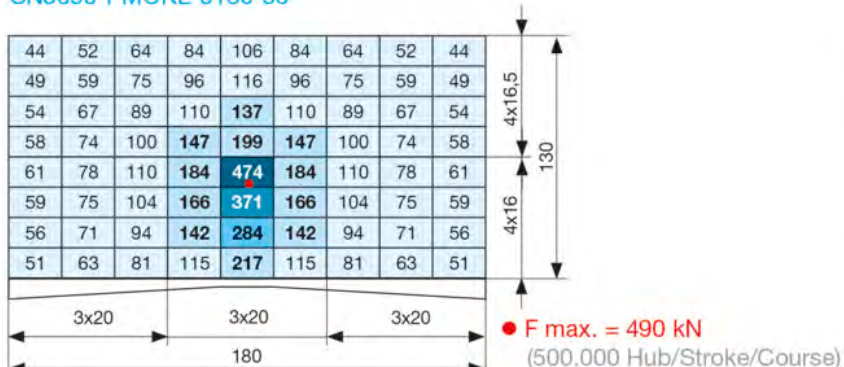
|    |    |    |     |     |     |    |    |    |
|----|----|----|-----|-----|-----|----|----|----|
| 44 | 44 | 53 | 68  | 92  | 68  | 53 | 44 | 44 |
| 48 | 60 | 79 | 106 | 139 | 106 | 79 | 60 | 48 |
| 52 | 66 | 91 | 116 | 150 | 116 | 91 | 66 | 52 |
| 55 | 71 | 96 | 135 | 181 | 135 | 96 | 71 | 55 |
| 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 | 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 | 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 |

# SN5650-PMOKL-0180-

## Schieberkräfte

### Cam Force

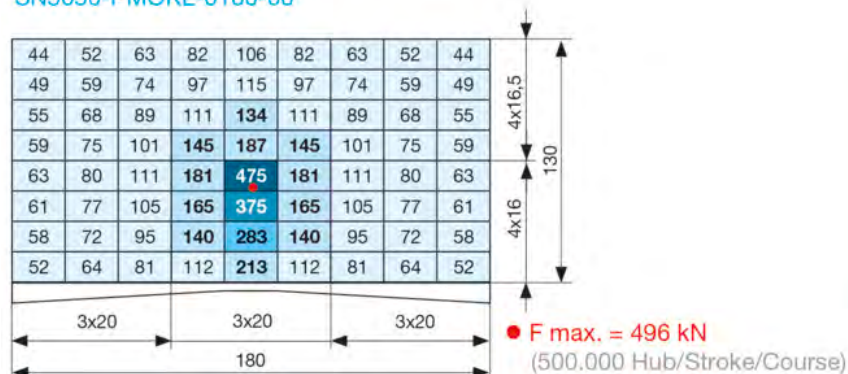
Abschulterung

Shouldering

Passfeder

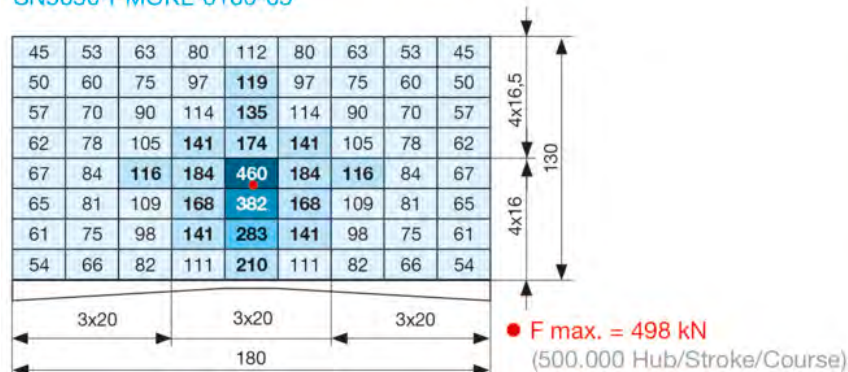
Fitting Key

#### SN5650-PMOKL-0180-60°



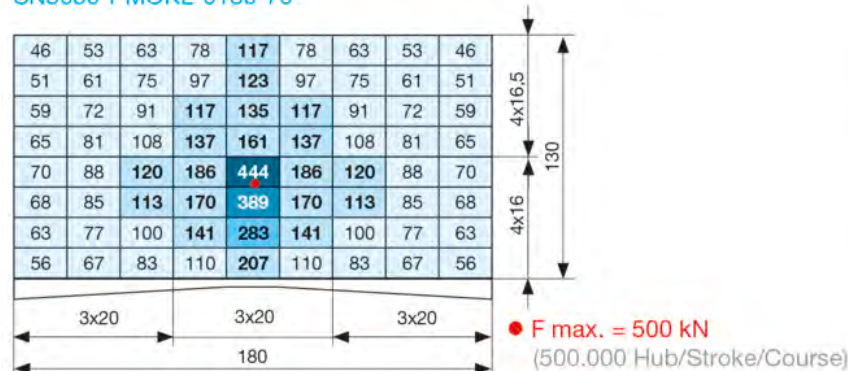
|    |    |     |     |     |     |     |    |    |
|----|----|-----|-----|-----|-----|-----|----|----|
| 44 | 44 | 52  | 63  | 82  | 63  | 52  | 44 | 44 |
| 49 | 59 | 74  | 97  | 115 | 97  | 74  | 59 | 49 |
| 55 | 68 | 89  | 111 | 134 | 111 | 89  | 68 | 55 |
| 59 | 75 | 101 | 145 | 187 | 145 | 101 | 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°



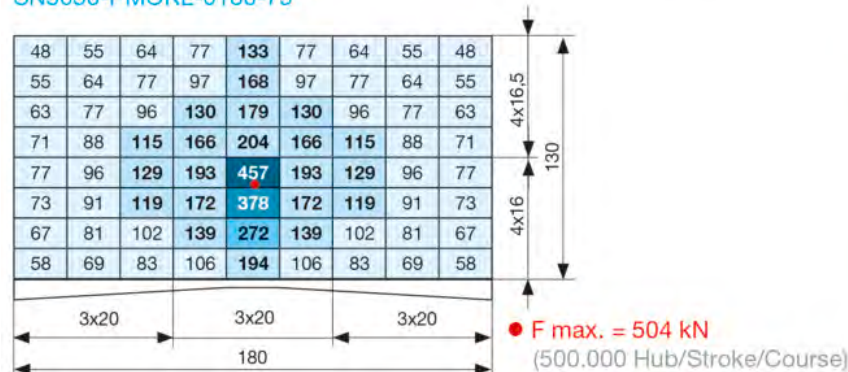
|    |    |     |     |     |     |     |    |    |
|----|----|-----|-----|-----|-----|-----|----|----|
| 45 | 45 | 53  | 63  | 80  | 63  | 53  | 45 | 45 |
| 50 | 60 | 75  | 97  | 119 | 97  | 75  | 60 | 50 |
| 57 | 70 | 90  | 114 | 135 | 114 | 90  | 70 | 57 |
| 62 | 78 | 105 | 141 | 174 | 141 | 105 | 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 | 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 | 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-

## Schieberkräfte

### Cam Force

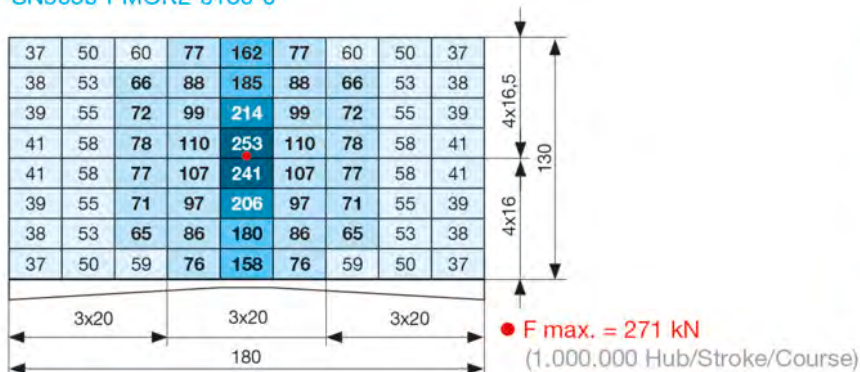
Abschulterung

Shouldering

Passfeder

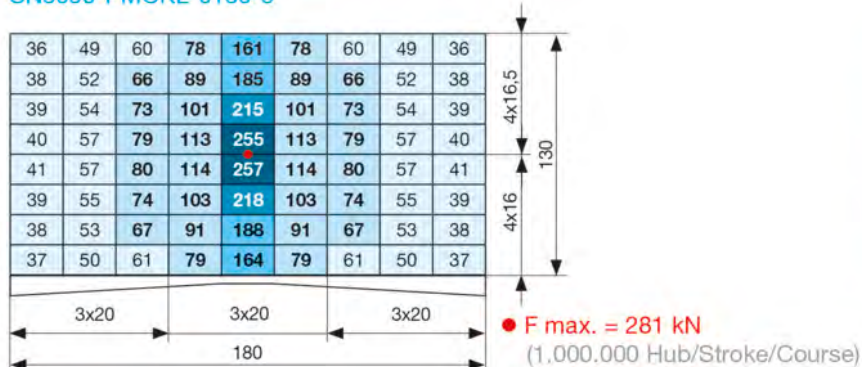
Fitting Key

#### SN5650-PMOKL-0180-0°



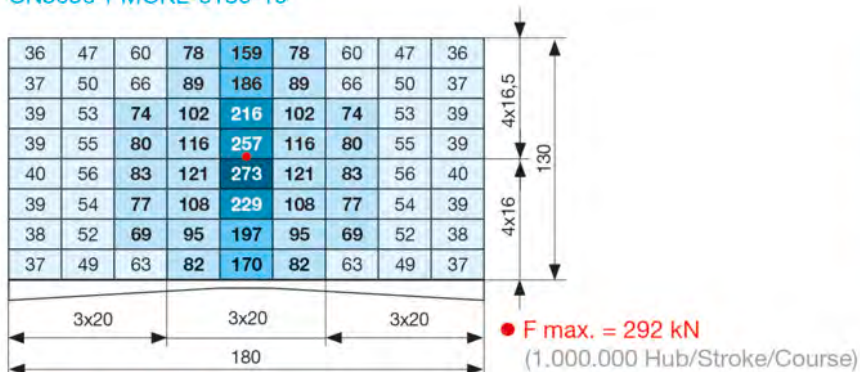
|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 31 | 31 | 38 | 43 | 49 | 43 | 38 | 31 | 31 |
| 31 | 38 | 43 | 49 | 57 | 49 | 43 | 38 | 31 |
| 31 | 38 | 43 | 49 | 57 | 49 | 43 | 38 | 31 |
| 31 | 38 | 43 | 49 | 57 | 49 | 43 | 38 | 31 |
| 31 | 38 | 43 | 49 | 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°



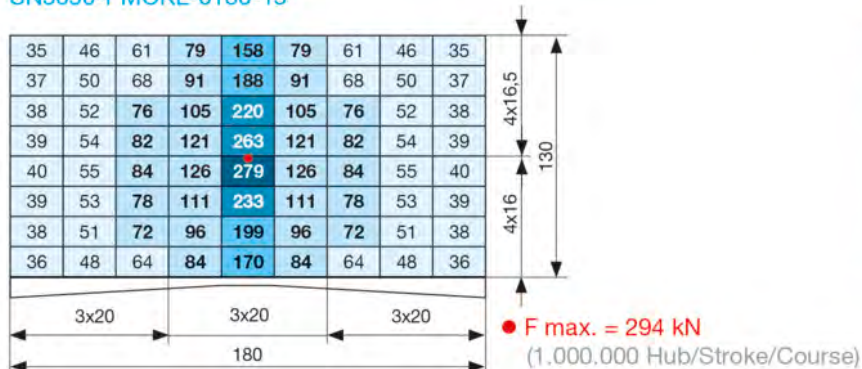
|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 32 | 32 | 39 | 46 | 53 | 46 | 39 | 32 | 32 |
| 32 | 39 | 46 | 53 | 62 | 53 | 46 | 39 | 32 |
| 32 | 39 | 46 | 53 | 62 | 53 | 46 | 39 | 32 |
| 32 | 39 | 46 | 53 | 62 | 53 | 46 | 39 | 32 |
| 32 | 39 | 46 | 53 | 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°



|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 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°



|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 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 |

# SN5650-PMOKL-0180-

## Schieberkräfte

### Cam Force

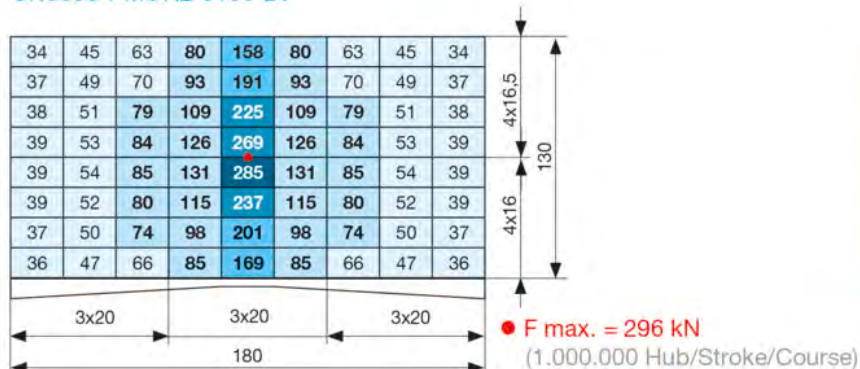
Abschulterung

Shouldering

Passfeder

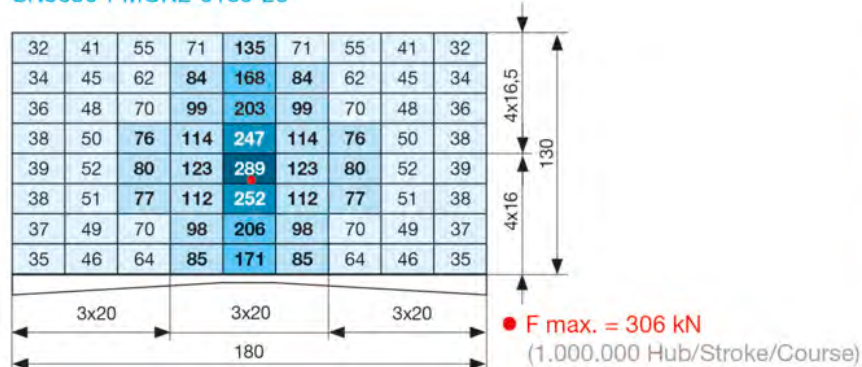
Fitting Key

#### SN5650-PMOKL-0180-20°



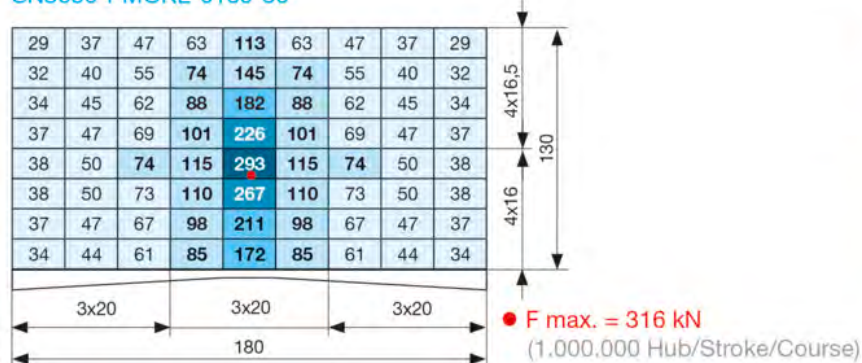
|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 34 | 34 | 44 | 57 | 67 | 57 | 44 | 34 | 34 |
| 36 | 44 | 57 | 67 | 80 | 67 | 57 | 44 | 36 |
| 36 | 44 | 57 | 67 | 80 | 67 | 57 | 44 | 36 |
| 36 | 44 | 57 | 67 | 80 | 67 | 57 | 44 | 36 |
| 36 | 44 | 57 | 67 | 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°



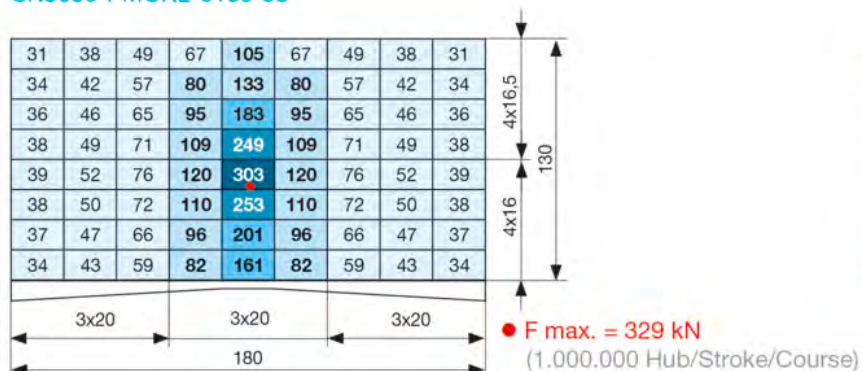
|    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|
| 32 | 32 | 40 | 52 | 65 | 52 | 40 | 32 | 32 |
| 34 | 42 | 56 | 71 | 88 | 71 | 56 | 42 | 34 |
| 35 | 44 | 58 | 71 | 88 | 71 | 58 | 44 | 35 |
| 36 | 45 | 58 | 71 | 88 | 71 | 58 | 45 | 36 |
| 37 | 45 | 58 | 71 | 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 | 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 | 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 |

# SN5650-PMOKL-0180-

## Schieberkräfte

### Cam Force

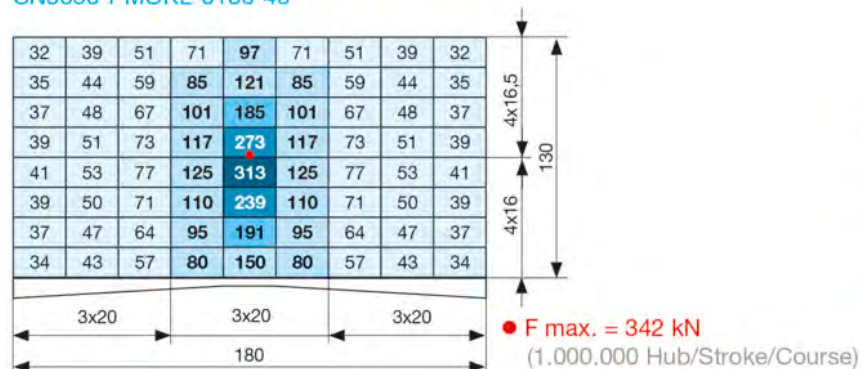
Abschulterung

Shouldering

Passfeder

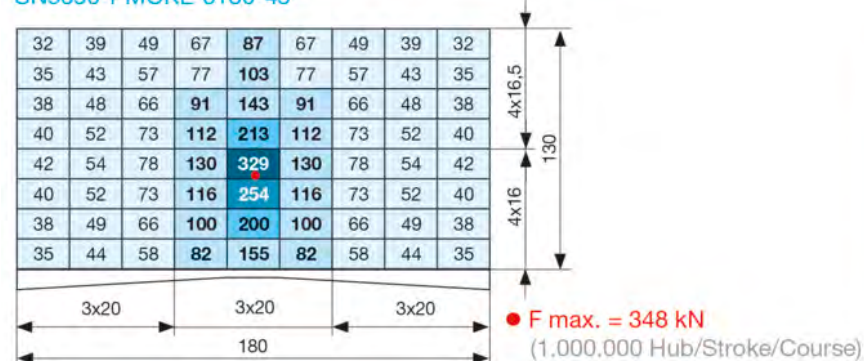
Fitting Key

#### SN5650-PMOKL-0180-40°



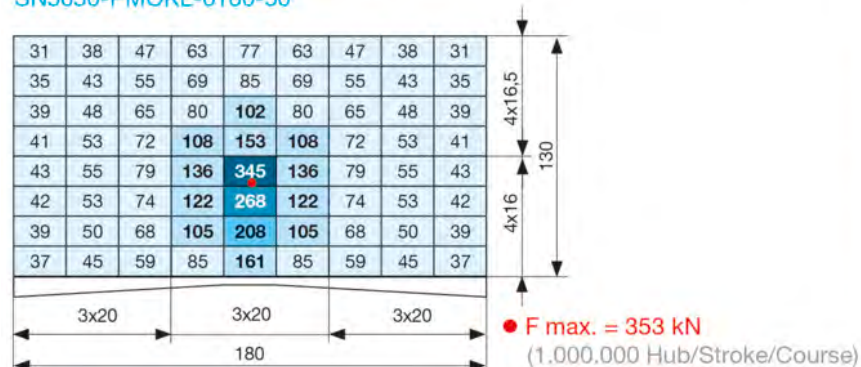
|    |    |    |    |     |    |    |    |    |
|----|----|----|----|-----|----|----|----|----|
| 32 | 32 | 39 | 51 | 71  | 51 | 39 | 32 | 32 |
| 35 | 44 | 59 | 85 | 117 | 85 | 59 | 44 | 35 |
| 37 | 48 | 67 | 90 | 117 | 90 | 67 | 48 | 37 |
| 39 | 51 | 68 | 90 | 117 | 90 | 68 | 51 | 39 |
| 41 | 53 | 68 | 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°



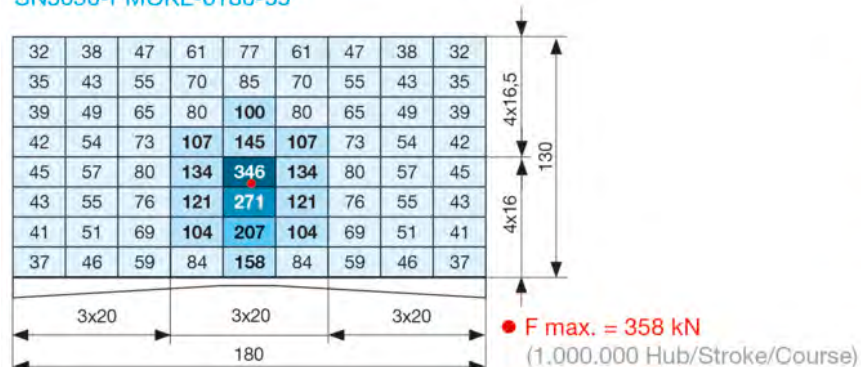
|    |    |    |    |     |    |    |    |    |
|----|----|----|----|-----|----|----|----|----|
| 32 | 32 | 39 | 49 | 67  | 49 | 39 | 32 | 32 |
| 35 | 43 | 57 | 77 | 101 | 77 | 57 | 43 | 35 |
| 38 | 48 | 66 | 85 | 110 | 85 | 66 | 48 | 38 |
| 40 | 52 | 70 | 99 | 132 | 99 | 70 | 52 | 40 |
| 42 | 54 | 71 | 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 | 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 | 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 |

# SN5650-PMOKL-0180-

## Schieberkräfte

### Cam Force

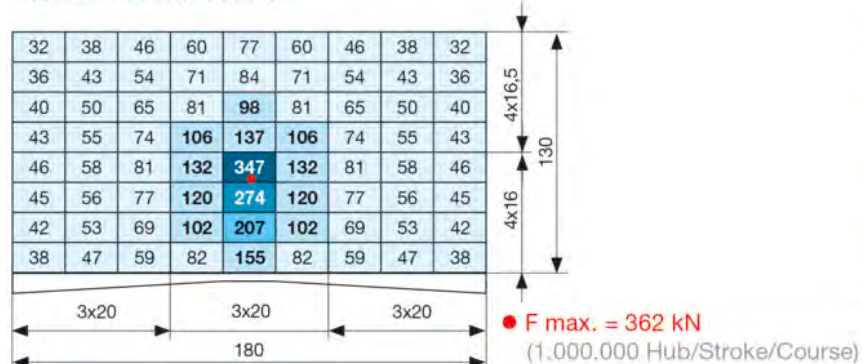
Abschulterung

Shouldering

Passfeder

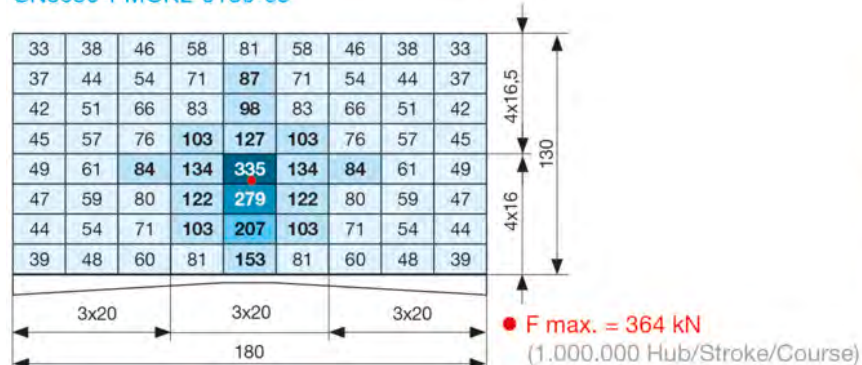
Fitting Key

#### SN5650-PMOKL-0180-60°



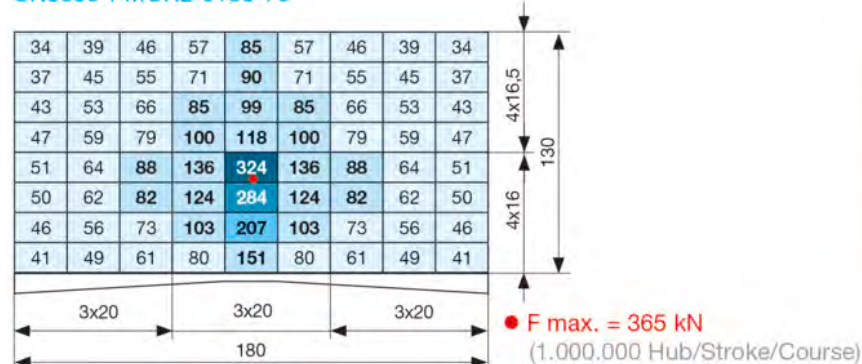
|    |    |    |     |     |     |    |    |    |
|----|----|----|-----|-----|-----|----|----|----|
| 32 | 32 | 38 | 46  | 60  | 46  | 38 | 32 | 32 |
| 36 | 43 | 54 | 71  | 84  | 71  | 54 | 43 | 36 |
| 40 | 50 | 65 | 81  | 98  | 81  | 65 | 50 | 40 |
| 43 | 55 | 74 | 106 | 137 | 106 | 74 | 55 | 43 |
| 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 |

#### SN5650-PMOKL-0180-65°



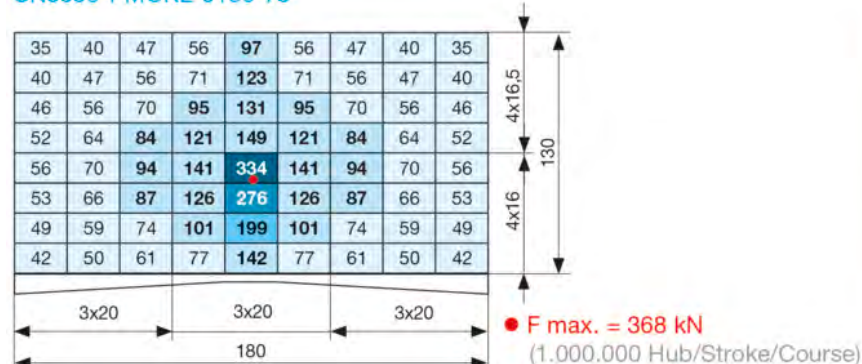
|    |    |    |     |     |     |    |    |    |
|----|----|----|-----|-----|-----|----|----|----|
| 33 | 33 | 38 | 46  | 58  | 46  | 38 | 33 | 33 |
| 37 | 44 | 54 | 71  | 87  | 71  | 54 | 44 | 37 |
| 42 | 51 | 66 | 83  | 98  | 83  | 66 | 51 | 42 |
| 45 | 57 | 76 | 103 | 127 | 103 | 76 | 57 | 45 |
| 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 |

#### SN5650-PMOKL-0180-70°



|    |    |    |     |     |     |    |    |    |
|----|----|----|-----|-----|-----|----|----|----|
| 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 |

#### SN5650-PMOKL-0180-75°



|    |    |    |     |     |     |    |    |    |
|----|----|----|-----|-----|-----|----|----|----|
| 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 |