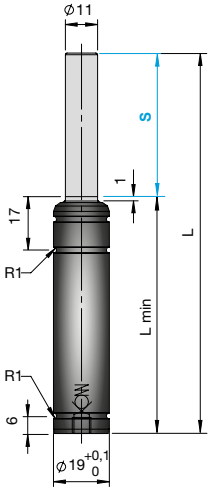
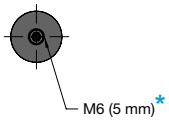


# X-170

*Gas spring Power Line*



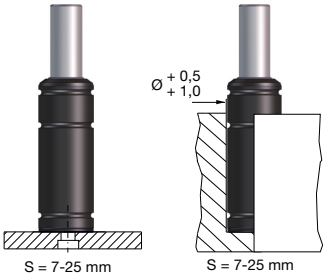

Norm: ISO 11901-3
VDI 3003
39D997
B2 4005

T: < 80 °C

*S = stroke*
** Charge port*

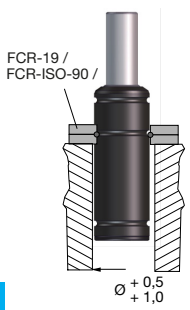
| S | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|
| 7 | 44 | 37 | 180 | 170 | 280 | 0.06 | 0.002 | X-170-7 |
| 10 | 50 | 40 | 180 | 170 | 280 | 0.06 | 0.002 | X-170-10 |
| 15 | 60 | 45 | 180 | 170 | 280 | 0.07 | 0.004 | X-170-15 |
| 19 | 68 | 49 | 180 | 170 | 280 | 0.07 | 0.005 | X-170-19 |
| 25 | 80 | 55 | 180 | 170 | 280 | 0.08 | 0.006 | X-170-25 |
| 32 | 94 | 62 | 180 | 170 | 280 | 0.08 | 0.008 | X-170-32 |
| 38 | 106 | 68 | 180 | 170 | 280 | 0.09 | 0.008 | X-170-38 |
| 50 | 130 | 80 | 180 | 170 | 280 | 0.10 | 0.012 | X-170-50 |
| 63 | 156 | 93 | 180 | 170 | 280 | 0.12 | 0.015 | X-170-63 |
| 75 | 185 | 110 | 180 | 170 | 280 | 0.14 | 0.018 | X-170-75 |
| 80 | 195 | 115 | 180 | 170 | 280 | 0.14 | 0.019 | X-170-80 |
| 100 | 235 | 135 | 180 | 170 | 280 | 0.16 | 0.024 | X-170-100 |
| 125 | 285 | 160 | 180 | 170 | 280 | 0.19 | 0.030 | X-170-125 |

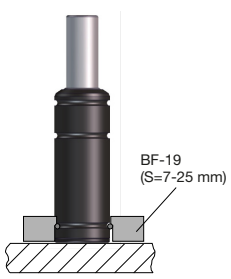
## INSTALLATION VARIANTS










| Technical information | |
|---|---|
| Pressure medium | $N_2$ |
| Max. filling pressure (at 20 °C) | 180 bar |
| Min. filling pressure (at 20 °C) | 25 bar |
| Operating temperature | 0 °C - 80 °C |
| Force increase by temperature | 0,3 % / 1 °C |
| Max. piston rod velocity | 1,6 m/s |
| Recommended max strokes / min (at 20° C) | ~ 40 - 100 |
| Repair kit | - |