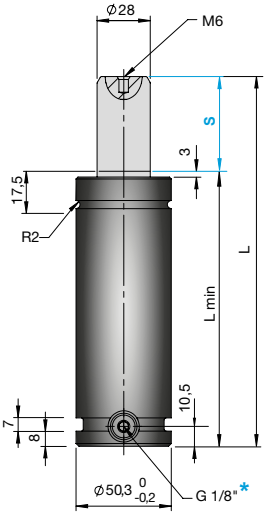
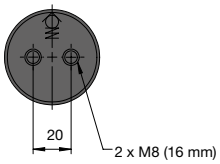


# TX-1000

*Gas spring Power Line - Heavy Duty*





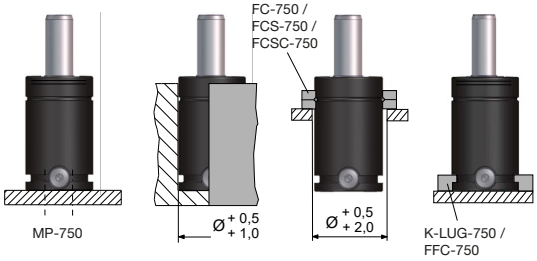

Norm: ISO 11901-4
VDI 3003
39D838
B2 4005

T: < 80 °C

*S = stroke*
** Charge port*

| S | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|
| 13 | 121 | 108 | 150 | 920 | 1120 | 1.17 | 0.06 | TX-1000-13 |
| 25 | 145 | 120 | 150 | 920 | 1210 | 1.27 | 0.07 | TX-1000-25 |
| 38 | 171 | 133 | 150 | 920 | 1280 | 1.32 | 0.09 | TX-1000-38 |
| 50 | 195 | 145 | 150 | 920 | 1320 | 1.37 | 0.11 | TX-1000-50 |
| 63 | 221 | 158 | 150 | 920 | 1350 | 1.58 | 0.13 | TX-1000-63 |
| 75 | 245 | 170 | 150 | 920 | 1370 | 1.71 | 0.15 | TX-1000-75 |
| 80 | 255 | 175 | 150 | 920 | 1380 | 1.73 | 0.16 | TX-1000-80 |
| 100 | 295 | 195 | 150 | 920 | 1410 | 1.90 | 0.19 | TX-1000-100 |
| 125 | 345 | 220 | 150 | 920 | 1430 | 2.11 | 0.23 | TX-1000-125 |
| 150 | 395 | 245 | 150 | 920 | 1450 | 2.32 | 0.27 | TX-1000-150 |
| 160 | 415 | 255 | 150 | 920 | 1450 | 2.40 | 0.28 | TX-1000-160 |
| 175 | 445 | 270 | 150 | 920 | 1460 | 2.53 | 0.30 | TX-1000-175 |
| 200 | 495 | 295 | 150 | 920 | 1470 | 2.74 | 0.34 | TX-1000-200 |
| 250 | 595 | 345 | 150 | 920 | 1480 | 3.16 | 0.42 | TX-1000-250 |
| 300 | 695 | 395 | 150 | 920 | 1490 | 3.58 | 0.49 | TX-1000-300 |

## INSTALLATION VARIANTS




| Technical information | |
|---|---|
| Pressure medium | $N_2$ |
| Max. filling pressure (at 20 °C) | 150 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) | ~ 15 - 100 |
| Repair kit | 3023788 |

D 3002B 03.2025