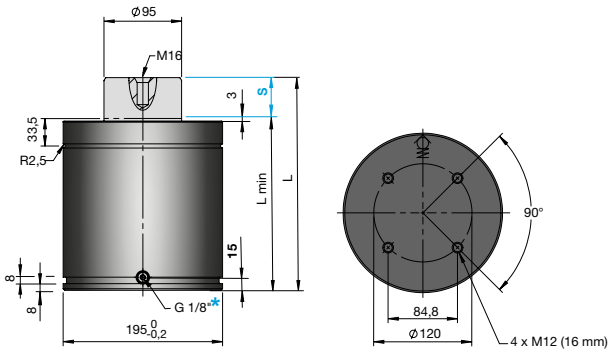


# LCF-10000

*Gas spring*

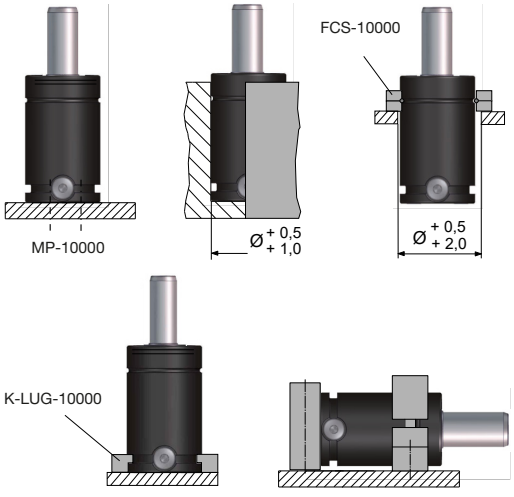
T: < 80 °C




*S = stroke*
** Charge port*

| S1 | S | L ± 0.25 | L min | bar | F1 [daN] | F2 [daN] | m [kg] | V [L] | Order No. |
|---|---|---|---|---|---|---|---|---|---|
| 25 | 25 | 210.0 | 185.0 | 150 | 10600 | 13800 | 35.9 | 0.87 | LCF-10000-25 |
| 38 | 38.1 | 236.2 | 198.1 | 150 | 10600 | 14300 | 37.6 | 1.13 | LCF-10000-38 |
| 50 | 50 | 260.0 | 210.0 | 150 | 10600 | 14700 | 39.2 | 1.37 | LCF-10000-50 |
| 64 | 63.5 | 287.0 | 223.5 | 150 | 10600 | 15000 | 41.0 | 1.64 | LCF-10000-64 |
| 80 | 80 | 320.0 | 240.0 | 150 | 10600 | 15200 | 43.2 | 1.98 | LCF-10000-80 |
| 100 | 100 | 360.0 | 260.0 | 150 | 10600 | 15600 | 45.8 | 2.38 | LCF-10000-100 |
| 125 | 125 | 410.0 | 285.0 | 150 | 10600 | 15700 | 49.1 | 2.88 | LCF-10000-125 |
| 160 | 160 | 480.0 | 320.0 | 150 | 10600 | 15800 | 53.7 | 3.59 | LCF-10000-160 |
| 200 | 200 | 560.0 | 360.0 | 150 | 10600 | 16000 | 59.0 | 4.30 | LCF-10000-200 |

## INSTALLATION VARIANTS




| Technical information | |
|---|---|
| Pressure medium | $N_2$ |
| Max. filling pressure (at 20 °C) | 150 bar |
| Min. filling pressure (at 20 °C) | 95 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 - 40 |
| Repair kit | - |