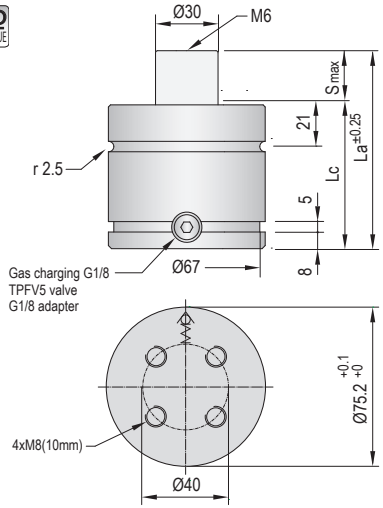
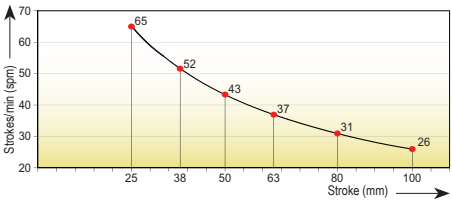
VDI SAFETY

PED 2014/68/UE



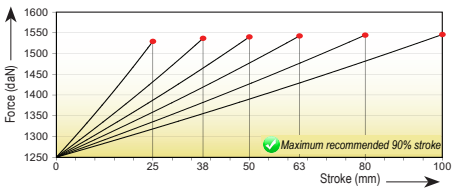

| | |
|---|---|
| Pressure medium | Nitrogen ($N_2$) |
| Max. charging pressure | 175 Bar |
| Min. charging pressure | 35 Bar |
| Rod seal area | 7,07 $cm^2$ |
| Operating temperature | 0ºC - 80ºC |
| Force increase by temperature | 0,33 %/ºC |
| Max. stem speed | 1,2 m/s |
| Maintenance kit | Kit B1250.1 |

Maximum strokes / minute (at 20ºC)

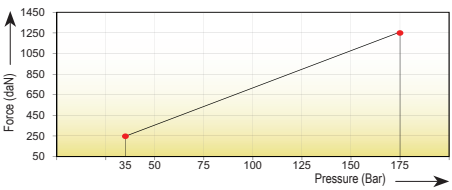



| Code | Smax mm | La mm | Lc mm | Fa daN | 90% F daN | 100% Fc daN | P Bar | V l | Kg |
|---|---|---|---|---|---|---|---|---|---|
| **TPB 1250x25** | 25 | 95 | 70 | | 1505 | 1540 | | 0,097 | 1,30 |
| **TPB 1250x38** | 38 | 121 | 83 | | 1510 | 1545 | | 0,144 | 1,51 |
| **TPB 1250x50** | 50 | 145 | 95 | 1250 ±5% | 1510 | 1545 | 175 | 0,188 | 1,58 |
| **TPB 1250x63** | 63 | 171 | 108 | (20ºC) | 1510 | 1550 | (20ºC) | 0,235 | 1,67 |
| **TPB 1250x80** | 80 | 205 | 125 | | 1515 | 1550 | | 0,297 | 2,08 |
| **TPB 1250x100** | 100 | 245 | 145 | | 1515 | 1550 | | 0,369 | 2,49 |

Force/stroke ratio




Initial force/charging pressure ratio




Assembly possibilities

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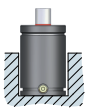
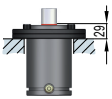

DROP-IN

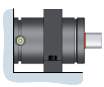
SCREWS



FS 75 · FSC 75

FP 75 · FPR 75

FB 75


FI 75 · FI 75/1