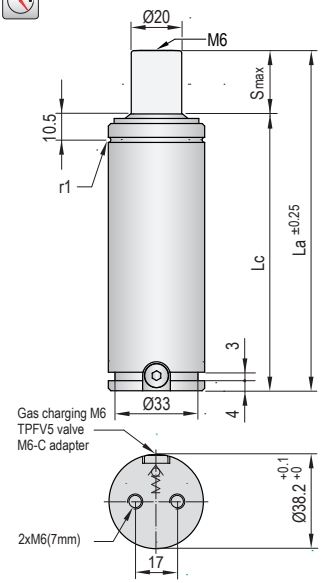
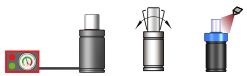
VDI SAFETY

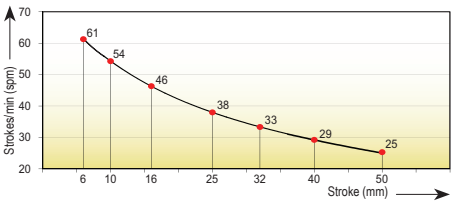
PED 2014/68/UE



Pressure medium	Nitrogen (N_2)
Max. charging pressure	140 Bar
Min. charging pressure	50 Bar
Piston seal area	7,07 cm^2
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	25 m/min
Maintenance kit	Kit FS1000.2

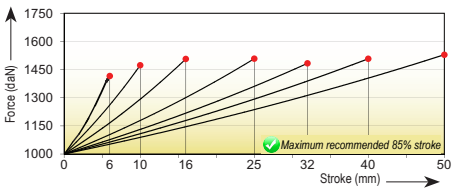


Maximum strokes / minute (at 20ºC)

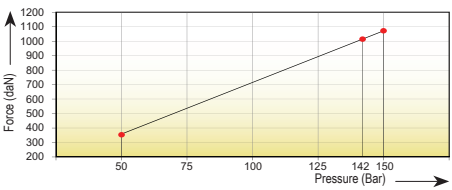


Code	Smax mm	La mm	Lc mm	Fa daN	85% F daN	100% Fc daN	P Bar	V l	Kg
TPFS 1000x6.2	6	61	55	1000 ±5% (20ºC)	1300	1370	140 (20ºC)	0,016	0,37
TPFS 1000x10.2	10	78	68		1345	1435		0,024	0,42
TPFS 1000x16.2	16	100	84		1380	1475		0,035	0,51
TPFS 1000x25.2	25	135	110		1385	1485		0,055	0,58
TPFS 1000x32.2	32	167	135		1365	1455		0,073	0,66
TPFS 1000x40.2	40	195	155		1385	1485		0,087	0,78
TPFS 1000x50.2	50	230	180		1400	1505		0,106	0,95

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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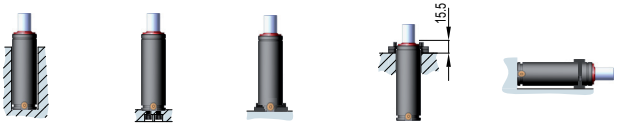

DROP-IN | SCREWS | FP 38·FPR 38 | FS 32·FSC 38 | FI 38·FI 38/1