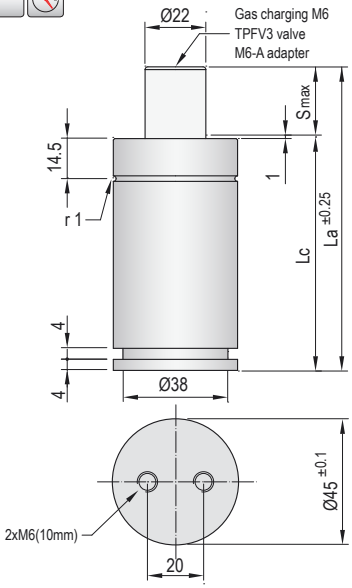
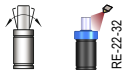
VDI SAFETY

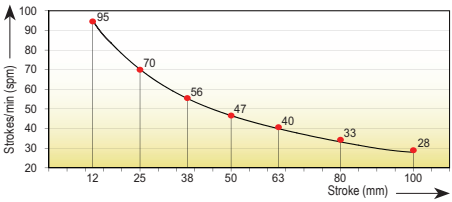
PED 2014/68/UE



Pressure medium	Nitrogen (N_2)
Max. charging pressure	155 Bar
Min. charging pressure	35 Bar
Rod seal area	3,80 cm^2
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	1,6 m/s
Maintenance kit	Kit G500

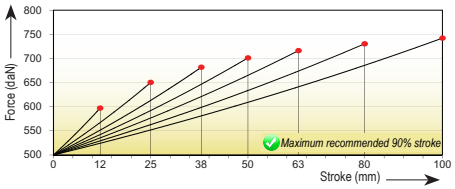


Maximum strokes / minute (at 20ºC)

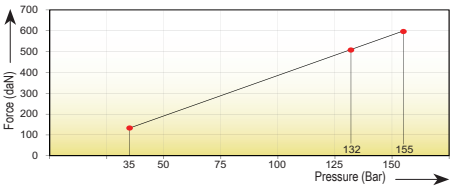


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPG 500x12	12	84	72	500 ±5% (20ºC)	590	600	132 (20ºC)	0,028	0,70
TPG 500x25	25	110	85		635	655		0,041	0,78
TPG 500x38	38	136	98		660	685		0,054	0,88
TPG 500x50	50	160	110		675	705		0,066	0,97
TPG 500x63	63	186	123		690	720		0,079	1,07
TPG 500x80	80	220	140		700	735		0,096	1,20
TPG 500x100	100	260	160		710	745		0,117	1,38

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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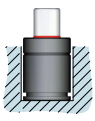
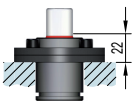

DROP-IN

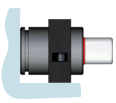
SCREWS



FS 45·FSC 45

FP 45·FPR 45

FB 45


FI 45·FI 45/1