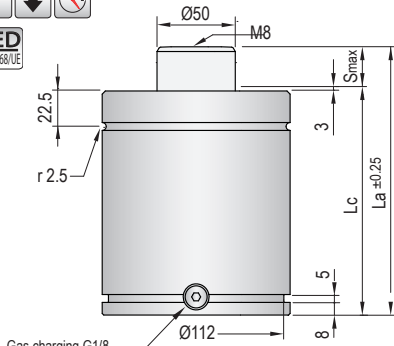
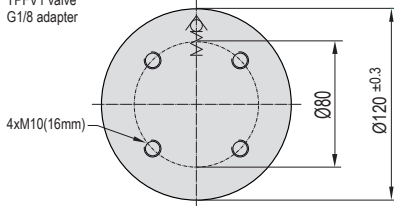


VDI SAFETY



Gas charging G1/8
TPFV1 valve
G1/8 adapter

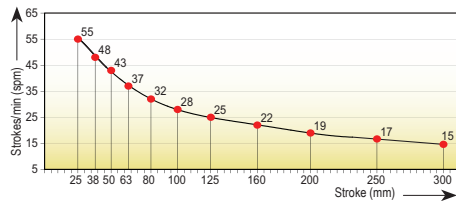


i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	19,63 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,6 m/s
Maintenance kit	Kit B3000

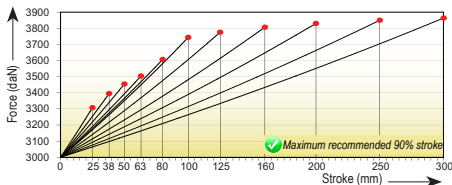


Maximum strokes / minute (at 20°C)

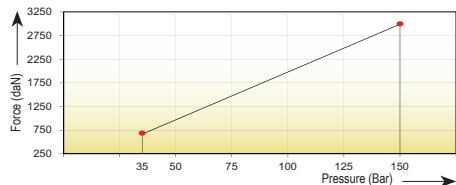


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg	
TPB 3000x25	25	170	145	3000 ±5% (20°C)	3280	3315	150 (20°C)	0,527	11,75	
TPB 3000x38	38	196	158		3275	3310			0,641	12,70
TPB 3000x50	50	220	170		3410	3460			0,746	13,45
TPB 3000x63	63	247	184		3450	3510			0,860	14,25
TPB 3000x80	80	280	200		3540	3610			0,934	15,16
TPB 3000x100	100	320	220		3660	3750			0,989	16,20
TPB 3000x125	125	370	245		3685	3780			1,195	17,85
TPB 3000x160	160	440	280		3710	3810			1,483	19,60
TPB 3000x200	200	520	320		3730	3835			1,812	21,50
TPB 3000x250	250	620	370		3750	3855			2,224	23,60
TPB 3000x300	300	720	420		3760	3870			2,635	25,30

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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DROP-IN



SCREWS



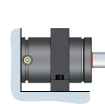
FS 120 · FSC 120



FP 120 · FPR 120



FB 120



FI 120 · FI 120/1

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP

CYLINDER

STOP

CYLINDER

TPSR

TPSRs

TPNS

TPHT

