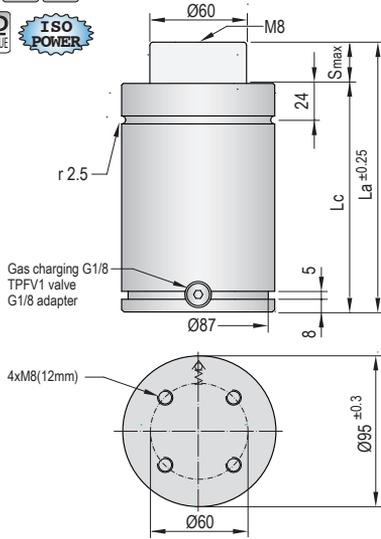


VDI SAFETY



PED
2014/68/EU

ISO
POWER



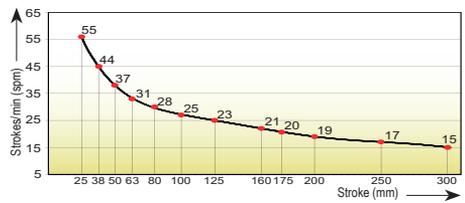
- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **28,27 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit SP4200**

VDI
VDI 3003

ISO
ISO 11901

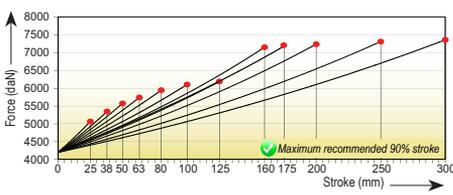


Maximum strokes / minute (at 20°C)

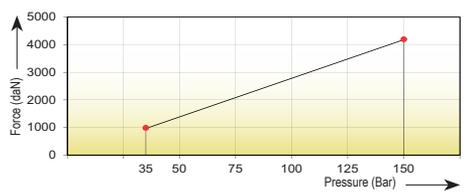


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg			
TPSP 4200x25	25	170	145	4200 ±5% (20°C)	5010		5010		5115		150 (20°C)	0,413		6,25			
TPSP 4200x38	38	196	158											5260	5400	0,500	6,75
TPSP 4200x50	50	220	170											5450	5630	0,574	7,05
TPSP 4200x63	63	247	184											5590	5795	0,664	7,54
TPSP 4200x80	80	280	200											5765	6005	0,770	8,04
TPSP 4200x100	100	320	220											5900	6165	0,906	9,05
TPSP 4200x125	125	370	245											5970	6250	1,099	9,87
TPSP 4200x160	160	440	280											6750	7225	1,096	10,75
TPSP 4200x175	175	470	295											6775	7260	1,190	10,89
TPSP 4200x200	200	520	320											6815	7310	1,347	11,84
TPSP 4200x250	250	620	370											6875	7380	1,661	13,21
TPSP 4200x300	300	720	420											6910	7435	1,975	16,43

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

Follow guidelines
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DROP-IN



SCREWS



FS 95-FSC 95



FP 95-FPR 95



FB 95



FRS 95



FI 95-FI 95/1