



TECAPRES®

Ø75mm
1500daN

TPS 1500.2

VDI SAFETY

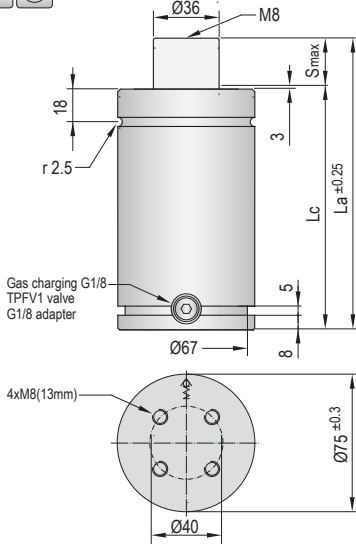


MICRO

TITAN

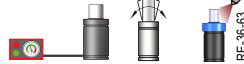
TPH

TPS

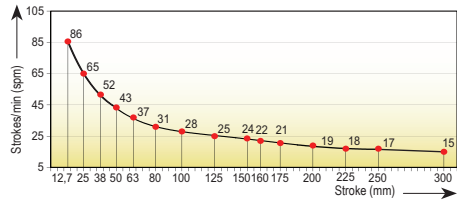


Gas charging G1/8
TPFV1 valve
G1/8 adapter

- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **10,18 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit S1500.2**

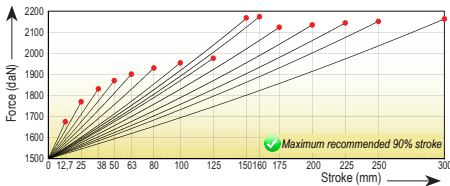


Maximum strokes / minute (at 20°C)

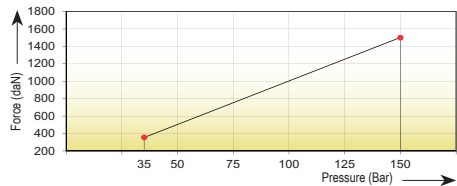


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPS 1500x13.2	12,7	135,4	122,7	1500 ±5% (20°C)	1665	1685	148 (20°C)	0,123	3,15
TPS 1500x25.2	25	160	135		1745	1780		0,167	3,30
TPS 1500x38.2	38	186	148		1800	1840		0,214	3,50
TPS 1500x50.2	50	210	160		1835	1880		0,257	3,65
TPS 1500x63.2	63	237	174		1860	1910		0,304	3,90
TPS 1500x80.2	80	270	190		1885	1940		0,365	4,45
TPS 1500x100.2	100	310	210		1905	1965		0,437	4,80
TPS 1500x125.2	125	360	235		1925	1985		0,494	5,36
TPS 1500x150.2	150	410	260		2090	2180		0,530	5,80
TPS 1500x160.2	160	430	270		2090	2185		0,540	6,10
TPS 1500x175.2	175	460	285		2050	2135		0,606	6,55
TPS 1500x200.2	200	510	310		2060	2145		0,684	7,15
TPS 1500x225.2	225	560	335		2065	2155		0,762	7,45
TPS 1500x250.2	250	610	360		2070	2160		0,840	7,86
TPS 1500x300.2	300	710	410		2080	2175		0,996	8,66

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

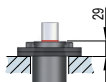
Follow guidelines
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DROP-IN



SCREWS



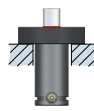
FS 75-FSC 75



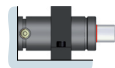
FP 75-FPR 75



FB 75



FRS 75



FI 75-FI 75/1