



VDI SAFETY



MICRO

TITAN

TPH

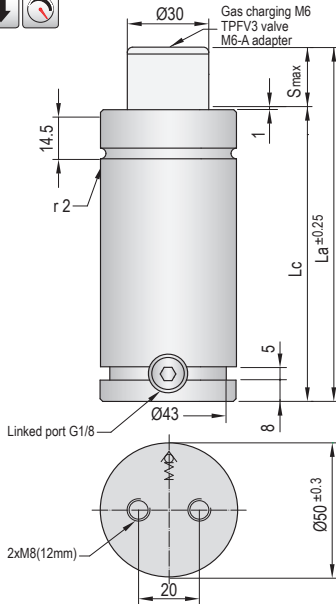
TPS

TPSP

TPF

TPK

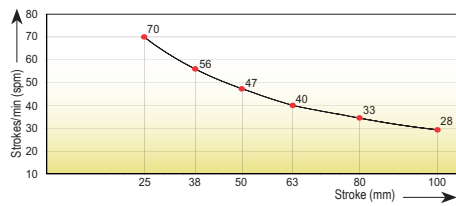
TPC



- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **7.07 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0.33 %/°C**
- Max. stem speed **1,2 m/s**
- Maintenance kit **Kit C1000.1**

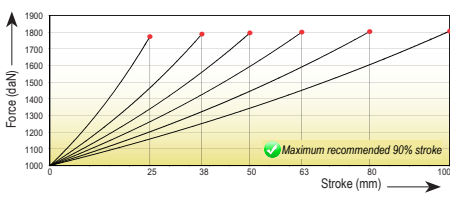


Maximum strokes / minute (at 20°C)

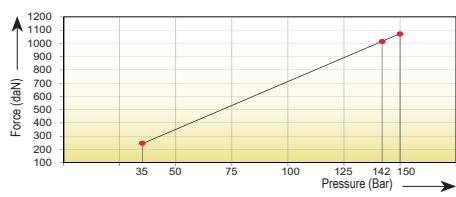


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPC 1000x25	25	135	110	1000 ±5% (20°C)	1650	1780	142 (20°C)	0,041	1,20
TPC 1000x38	38	161	123		1665	1795		0,061	1,35
TPC 1000x50	50	185	135		1670	1800		0,080	1,46
TPC 1000x63	63	211	148		1675	1805		0,100	1,52
TPC 1000x80	80	245	165		1675	1810		0,127	1,73
TPC 1000x100	100	295	195		1680	1815		0,158	2,41

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

