



VDI SAFETY



MICRO

TITAN

TPH

TPS

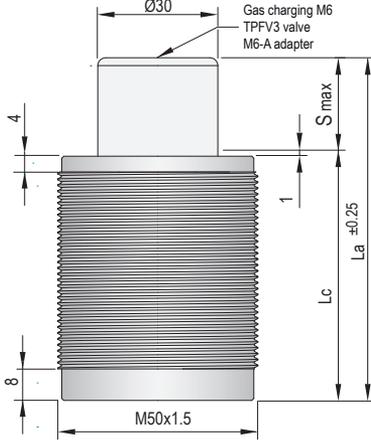
TPSP

TPF

TPK

TPC

TPR

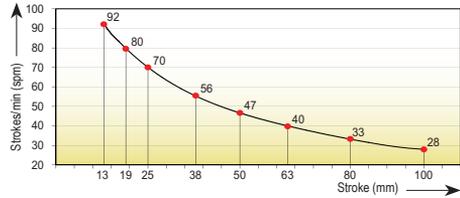


- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **7,07 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,2 m/s**
- Maintenance kit **Kit R50**



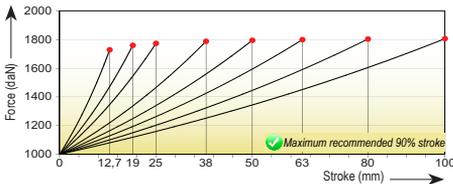
RE-30-40

Maximum strokes / minute (at 20°C)

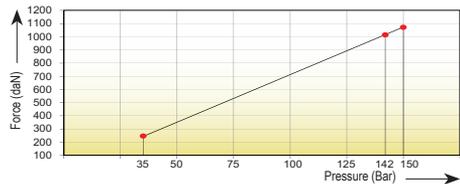


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar		V l		Kg
TPR 50x13	12,7	63,4	50,7	1000 ±5% (20°C)			1615		1735		142 (20°C)		0,021		0,59
TPR 50x19	19	76	57				1640		1765				0,031		0,63
TPR 50x25	25	88	63				1650		1780				0,041		0,69
TPR 50x38	38	114	76				1665		1795				0,061		0,80
TPR 50x50	50	138	88				1670		1800				0,080		0,90
TPR 50x63	63	165	102				1675		1805				0,100		1,10
TPR 50x80	80	198	118				1675		1810				0,127		1,15
TPR 50x100	100	238	138				1680		1815				0,158		1,40

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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FR 50



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