

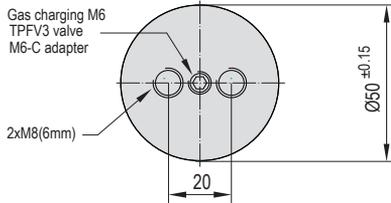
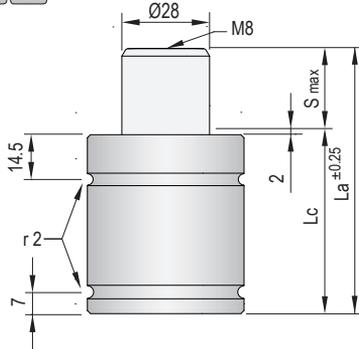


TECAPRES®

Ø50mm
920daN

MICRO 50.1

VDI SAFETY



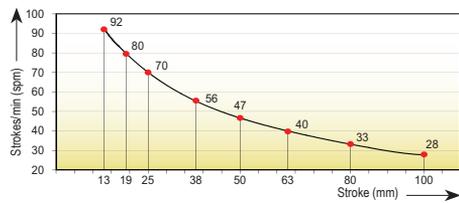
i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	6,16 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 M50.1



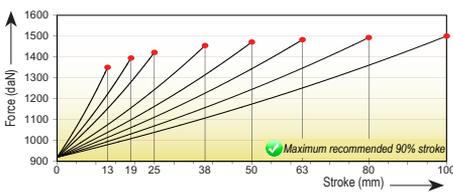
- MICRO
- TITAN
- TPH
- TPS
- TPSP
- TPF
- TPK
- TPC
- TPR
- TPB
- TPHC
- TPA
- TPG
- TPCT

Maximum strokes / minute (at 20°C)

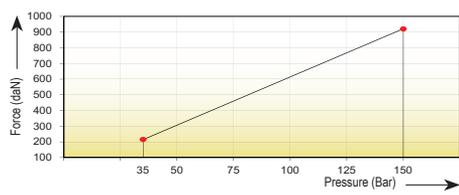


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
MICRO 50x13.1	13	61	48	920 ±5% (20°C)			1295		1355		150	0,025		0,57
MICRO 50x19.1	19	73	54				1330		1400		0,034			0,60
MICRO 50x25.1	25	85	60				1355		1430		0,044			0,67
MICRO 50x38.1	38	111	73				1380		1460		0,064			0,79
MICRO 50x50.1	50	135	85				1395		1480		0,082			0,89
MICRO 50x63.1	63	161	98				1405		1490		0,102			1,02
MICRO 50x80.1	80	195	115				1410		1500		0,128			1,18
MICRO 50x100.1	100	235	135				1415		1505		0,159			1,39

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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