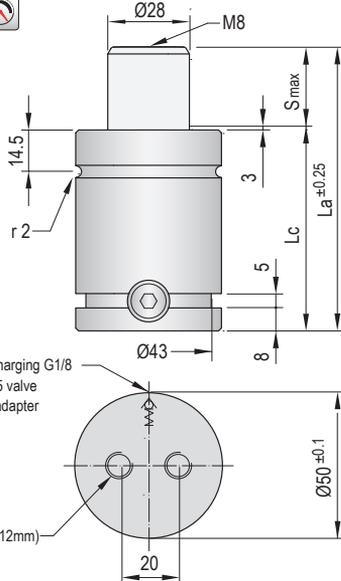


VDI SAFETY



MICRO

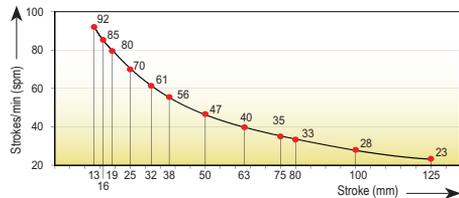


Gas charging G1/8  
TPFV5 valve  
G1/8 adapter

- Pressure medium **Nitrogen (N<sub>2</sub>)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **6,16 cm<sup>2</sup>**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit MCS50.1**

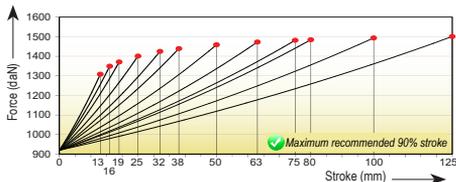


Maximum strokes / minute (at 20°C)

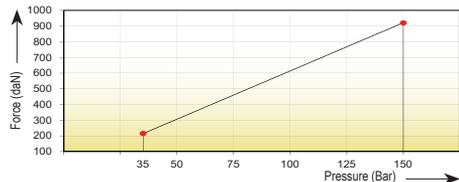


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
MICRO 50CSx13.1	13	74	61	920 ±5% (20°C)	1270	1325	150 (20°C)	0,026	0,60
MICRO 50CSx16.1	16	80	64		1295	1355		0,031	0,63
MICRO 50CSx19.1	19	86	67		1310	1375		0,036	0,68
MICRO 50CSx25.1	25	98	73		1335	1405		0,045	0,79
MICRO 50CSx32.1	32	112	80		1355	1430		0,056	0,89
MICRO 50CSx38.1	38	124	86		1370	1445		0,065	1,02
MICRO 50CSx50.1	50	148	98		1385	1465		0,083	1,18
MICRO 50CSx63.1	63	174	111		1395	1480		0,103	1,31
MICRO 50CSx75.1	75	198	123		1400	1485		0,122	1,44
MICRO 50CSx80.1	80	208	128		1405	1490		0,130	1,52
MICRO 50CSx100.1	100	248	148		1410	1500		0,160	1,88
MICRO 50CSx125.1	125	298	173		1415	1505		0,199	2,13

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

Follow guidelines  
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DROP-IN



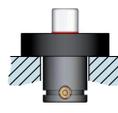
SCREWS



FS 50-FSC 50



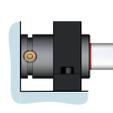
FP 50-FPR 50



FRS 50



FB 45-FB 50



FI 50-FI 50/1