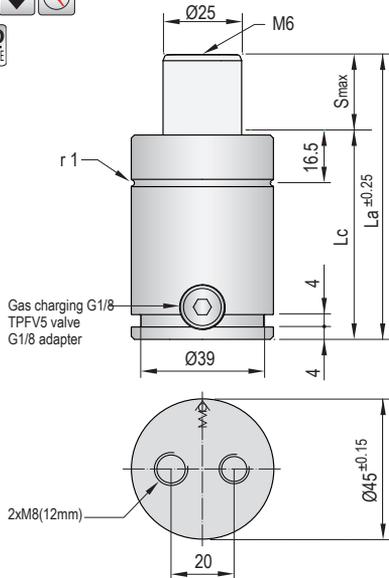


VDI SAFETY



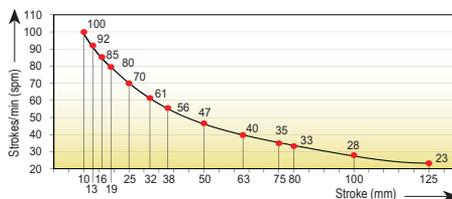
MICRO



- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **4,91 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit M45CF.1**

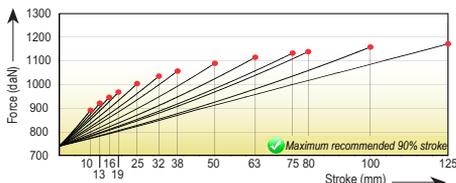


Maximum strokes / minute (at 20°C)

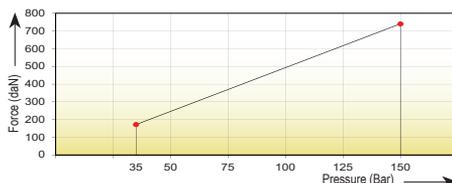


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
MICRO 45CFx10.1	10	67	57	740 ±5% (20°C)	870	885	150 (20°C)	0,029	0,37
MICRO 45CFx13.1	13	73	60		895	915		0,032	0,40
MICRO 45CFx16.1	16	79	63		915	940		0,036	0,44
MICRO 45CFx19.1	19	85	66		935	965		0,040	0,45
MICRO 45CFx25.1	25	97	72		965	1000		0,047	0,49
MICRO 45CFx32.1	32	111	79		990	1030		0,055	0,54
MICRO 45CFx38.1	38	123	85		1010	1050		0,062	0,55
MICRO 45CFx50.1	50	147	97		1035	1085		0,076	0,64
MICRO 45CFx63.1	63	173	110		1055	1110		0,092	0,70
MICRO 45CFx75.1	75	197	122		1070	1125		0,106	0,85
MICRO 45CFx80.1	80	207	127		1075	1135		0,112	0,90
MICRO 45CFx100.1	100	247	147		1090	1155		0,136	1,03
MICRO 45CFx125.1	125	297	172		1105	1170		0,166	1,29

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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