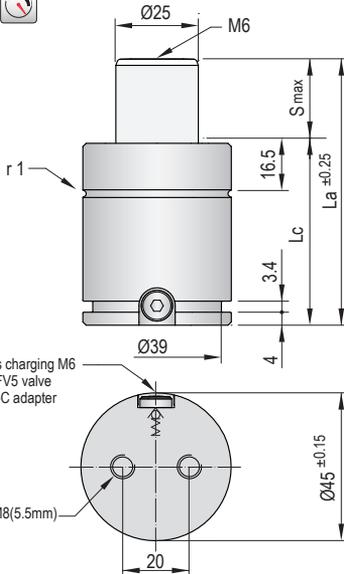


VDI SAFETY



PED  
2014/68/EU

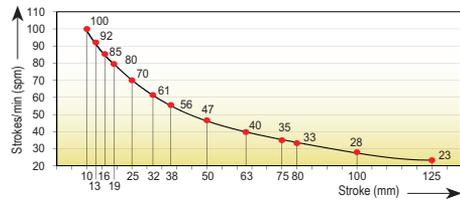
MICRO



- i** Pressure medium **Nitrogen (N<sub>2</sub>)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **4,91 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 MV45.1**

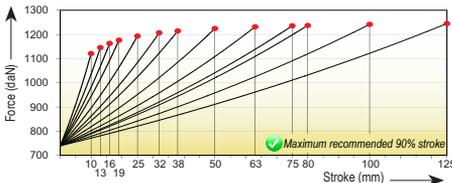


Maximum strokes / minute (at 20°C)

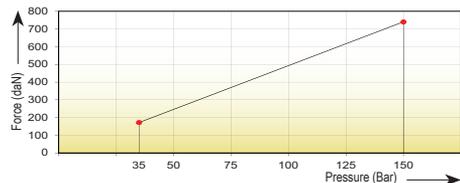


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
MICRO 45Vx10.1	10	52	42	740 ±5% (20°C)			1060		1115		150 (20°C)		0,014	0,32
MICRO 45Vx13.1	13	58	45			1080		1140			0,018	0,35		
MICRO 45Vx16.1	16	64	48			1095		1160			0,022	0,39		
MICRO 45Vx19.1	19	70	51			1105		1170			0,025	0,40		
MICRO 45Vx25.1	25	82	57			1120		1190			0,032	0,44		
MICRO 45Vx32.1	32	96	64			1130		1200			0,041	0,47		
MICRO 45Vx38.1	38	108	70			1135		1210			0,048	0,50		
MICRO 45Vx50.1	50	132	82			1145		1220			0,062	0,59		
MICRO 45Vx63.1	63	158	95			1150		1225			0,078	0,65		
MICRO 45Vx75.1	75	182	107			1155		1230			0,092	0,80		
MICRO 45Vx80.1	80	192	112			1155		1230			0,098	0,85		
MICRO 45Vx100.1	100	232	132			1155		1235			0,122	0,98		
MICRO 45Vx125.1	125	282	157			1160		1240			0,151	1,15		

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



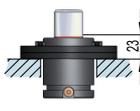
Follow guidelines  
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DROP-IN



SCREWS



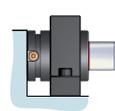
FS 45-FSC 45



FP 45-FPR 45



FB 45



FI 45-FI 45/1