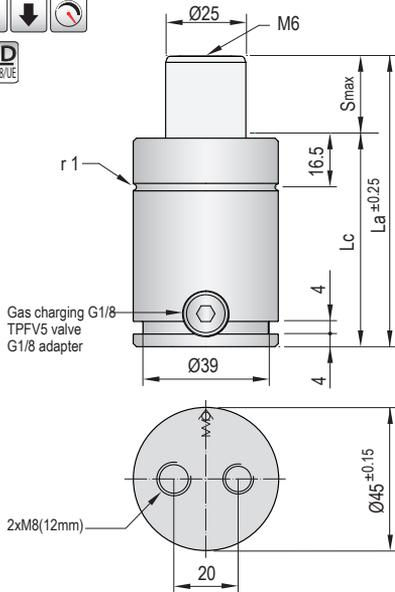
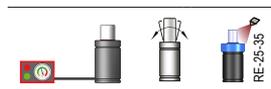


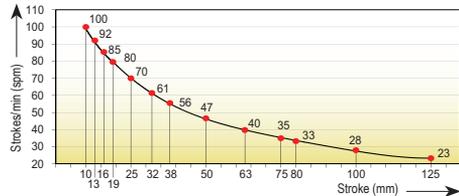
VDI SAFETY



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 MC45.1

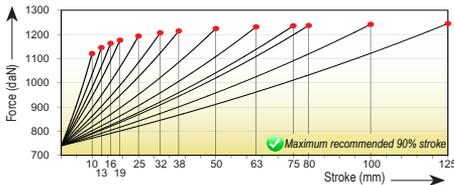


Maximum strokes / minute (at 20°C)

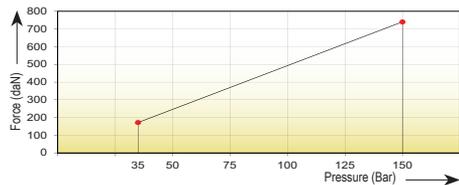


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
MICRO 45Cx10.1	10	62	52	740 ±5% (20°C)			1060		1115		150	0,014	0,32	
MICRO 45Cx13.1	13	68	55				1080		1140			0,018	0,35	
MICRO 45Cx16.1	16	74	58				1095		1160			0,022	0,39	
MICRO 45Cx19.1	19	80	61				1105		1170			0,025	0,40	
MICRO 45Cx25.1	25	92	67				1120		1190			0,032	0,44	
MICRO 45Cx32.1	32	106	74				1130		1200			0,041	0,47	
MICRO 45Cx38.1	38	118	80				1135		1210			0,048	0,50	
MICRO 45Cx50.1	50	142	92				1145		1220			0,062	0,59	
MICRO 45Cx63.1	63	168	105				1150		1225			0,078	0,65	
MICRO 45Cx75.1	75	192	117				1155		1230			0,092	0,80	
MICRO 45Cx80.1	80	202	122				1155		1230			0,098	0,85	
MICRO 45Cx100.1	100	242	142				1155		1235			0,122	0,98	
MICRO 45Cx125.1	125	292	167				1160		1240			0,151	1,15	

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



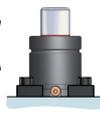
DROP-IN



SCREWS



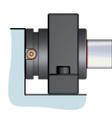
FS 45-FSC 45



FP 45-FPR 45



FB 45



FI 45-FI 45/1