



# TECAPRES®

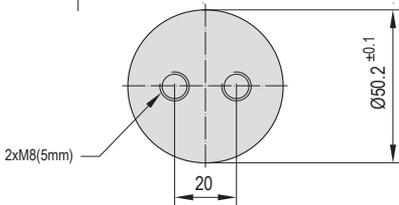
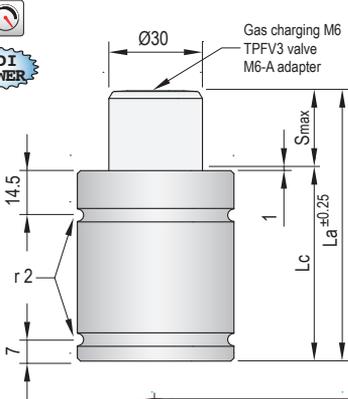
Ø50mm  
1100daN

# MICRO 50V

VDI SAFETY



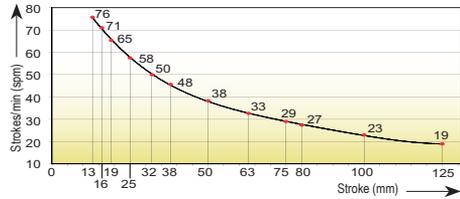
MICRO



- Pressure medium **Nitrogen (N<sub>2</sub>)**
- Max. charging pressure **155 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **7.07 cm<sup>2</sup>**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1 m/s**
- Maintenance kit **Kit M50V**

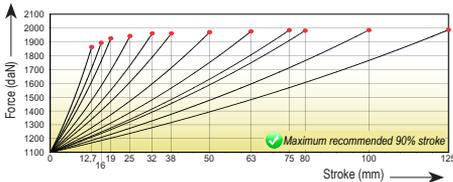


Maximum strokes / minute (at 20°C)

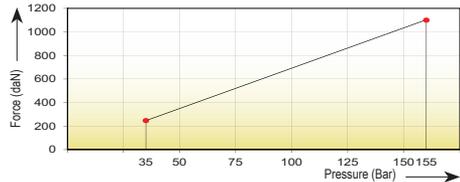


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
MICRO 50Vx13	12,7	63,4	50,7	1100 ±5% (20°C)	1760		1760		1885		155	0,022	0,59	
MICRO 50Vx16	16	70	54		1775		1775		1905		0,027	0,60		
MICRO 50Vx19	19	76	57		1785		1785		1917		0,031	0,62		
MICRO 50Vx25	25	88	63		1795		1795		1935		0,041	0,69		
MICRO 50Vx32	32	102	70		1805		1805		1945		0,052	0,75		
MICRO 50Vx38	38	114	76		1810		1810		1955		0,061	0,81		
MICRO 50Vx50	50	138	88		1820		1820		1960		0,080	0,91		
MICRO 50Vx63	63	165	102		1825		1825		1970		0,101	1,05		
MICRO 50Vx75	75	188	113		1825		1825		1970		0,119	1,15		
MICRO 50Vx80	80	198	118		1825		1825		1975		0,127	1,20		
MICRO 50Vx100	100	238	138		1830		1830		1975		0,159	1,41		
MICRO 50Vx125	125	288	163		1830		1830		1980		0,198	1,68		

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



DROP-IN



SCREWS



FS 50-FSC 50



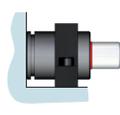
FS 50-FSC 50



FRS 50



FB 45-FB 50



FI 50-FI 50/1