

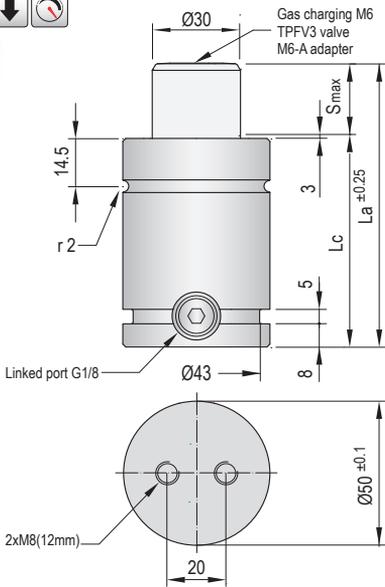


# TECAPRES®

Ø50mm · G1/8 connectable  
920daN

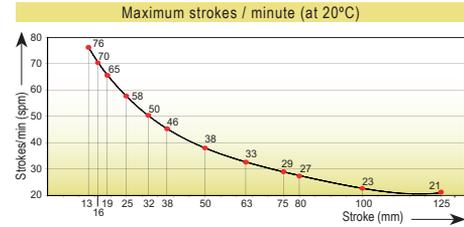
## MICRO 50C.1

VDI SAFETY



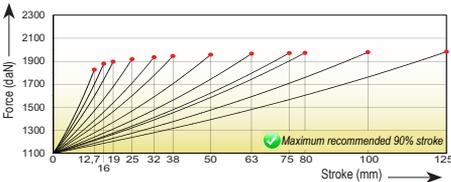
**i** Pressure medium **Nitrogen (N<sub>2</sub>)**

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	1,2 m/s
Maintenance kit	Kit MC50.1

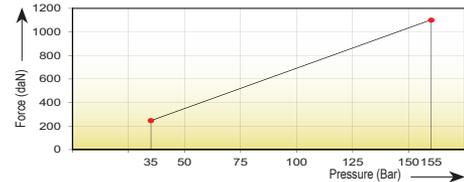


Code	S <sub>max</sub> mm	La mm	Lc mm		F <sub>a</sub> daN		F daN		F <sub>c</sub> daN		P Bar	V l		Kg
MICRO 50Cx13.1	12,7	74	61,3	1100 ±5% (20°C)		1740	1860	155 (20°C)				0,023	0,70	
MICRO 50Cx16.1	16	80	64			1760	1885					0,027	0,73	
MICRO 50Cx19.1	19	86	67			1775	1900					0,032	0,78	
MICRO 50Cx25.1	25	98	73			1790	1925					0,041	0,89	
MICRO 50Cx32.1	32	112	80			1805	1940					0,052	0,99	
MICRO 50Cx38.1	38	124	86			1810	1950					0,062	1,12	
MICRO 50Cx50.1	50	148	98			1820	1960					0,081	1,28	
MICRO 50Cx63.1	63	174	111			1825	1970					0,101	1,41	
MICRO 50Cx75.1	75	198	123			1830	1975					0,120	1,54	
MICRO 50Cx80.1	80	208	128			1830	1980					0,128	1,62	
MICRO 50Cx100.1	100	248	148			1835	1985					0,159	1,98	
MICRO 50Cx125.1	125	298	173			1840	1985					0,199	2,23	

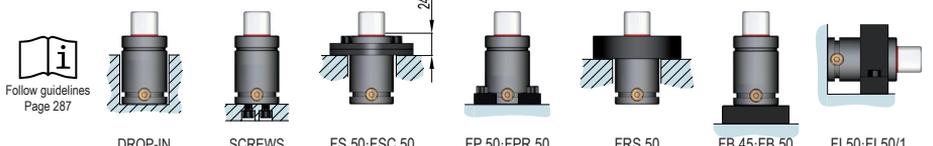
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines  
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MICRO

- TITAN
- TPH
- TPS
- TPSP
- TPF
- TPK
- TPC
- TPR
- TPB
- TPHC
- TPA
- TPG
- TPCT
- TPSL
- STOP CYLINDER
- STOP CYLINDER
- TPSR
- TPSRS
- TPNS
- TPHT