



# TECAPRES®

Ø50mm · G1/8 connectable  
920daN

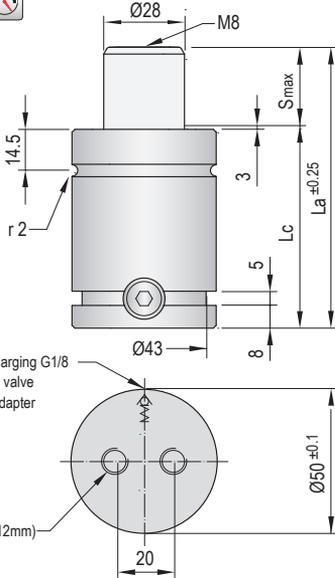
## MICRO 50CF.1

VDI SAFETY

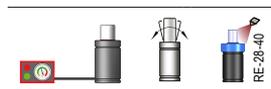


PED  
2014/68/EU

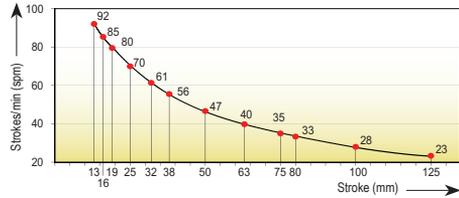
MICRO



- Pressure medium **Nitrogen (N<sub>2</sub>)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **6,16 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 MCS50.1**

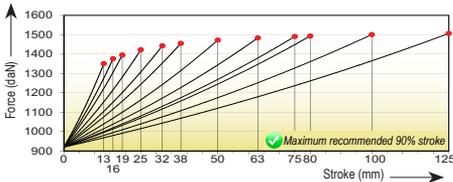


Maximum strokes / minute (at 20°C)

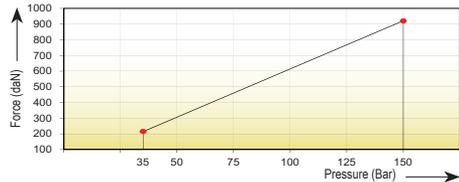


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
MICRO 50CFx13.1	13	78	65	920 ±5% (20°C)	1295	1355	150 (20°C)	0,025	0,64
MICRO 50CFx16.1	16	84	68		1315	1380		0,030	0,67
MICRO 50CFx19.1	19	90	71		1330	1400		0,034	0,72
MICRO 50CFx25.1	25	102	77		1355	1430		0,044	0,83
MICRO 50CFx32.1	32	116	84		1370	1450		0,054	0,93
MICRO 50CFx38.1	38	128	90		1380	1460		0,064	1,05
MICRO 50CFx50.1	50	152	102		1395	1480		0,082	1,22
MICRO 50CFx63.1	63	178	115		1405	1490		0,102	1,36
MICRO 50CFx75.1	75	202	127		1410	1495		0,121	1,50
MICRO 50CFx80.1	80	212	132		1410	1500		0,128	1,57
MICRO 50CFx100.1	100	252	152		1415	1505		0,159	1,92
MICRO 50CFx125.1	125	302	177		1420	1515		0,198	2,20

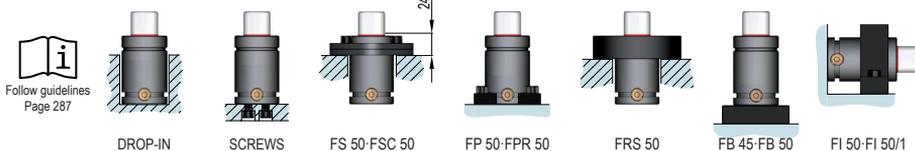
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



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