



TECAPRES®

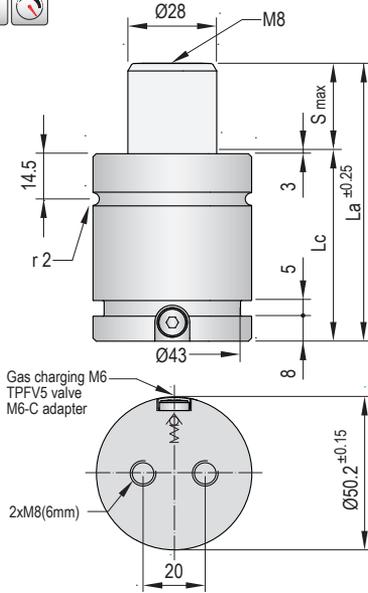
Ø50mm
920daN

MICRO 50VS.1

VDI SAFETY



PED
2014/68/EU

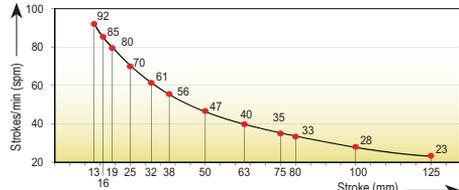


Gas charging M6
TPFV5 valve
M6-C adapter

- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **6,16 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit M50VS.1**

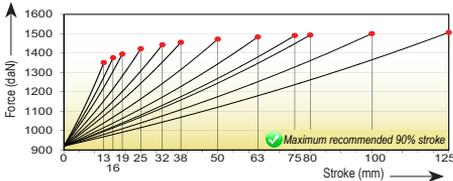


Maximum strokes / minute (at 20°C)

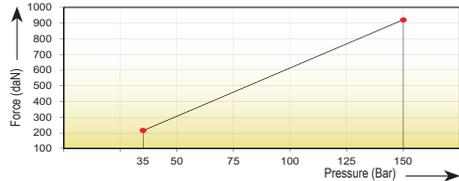


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
MICRO 50VSx13.1	13	64	51	920 ±5% (20°C)			1295		1355			0,025	0,53	
MICRO 50VSx16.1	16	70	54				1315		1380			0,030	0,55	
MICRO 50VSx19.1	19	76	57				1330		1400			0,034	0,58	
MICRO 50VSx25.1	25	88	63				1355		1430			0,044	0,62	
MICRO 50VSx32.1	32	102	70				1370		1450			0,054	0,67	
MICRO 50VSx38.1	38	114	76				1380		1460		150 (20°C)	0,064	0,72	
MICRO 50VSx50.1	50	138	88				1395		1480			0,082	0,82	
MICRO 50VSx63.1	63	164	101				1405		1490			0,102	0,93	
MICRO 50VSx75.1	75	188	113				1410		1495			0,121	1,10	
MICRO 50VSx80.1	80	198	118				1410		1500			0,128	1,15	
MICRO 50VSx100.1	100	238	138				1415		1505			0,159	1,25	
MICRO 50VSx125.1	125	288	163				1420		1515			0,198	1,45	

Force/stroke ratio

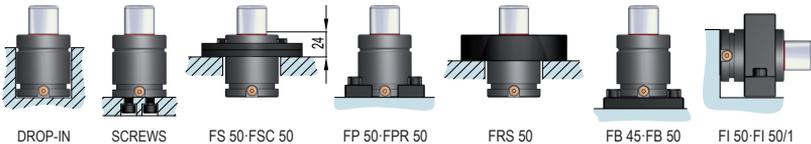


Initial force/charging pressure ratio



Assembly possibilities

Follow guidelines
Page 287



MICRO

TITAN

TPH

TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP

CYLINDER

STOP

CYLINDER

TPSR

TPSRs

TPNS

TPHT