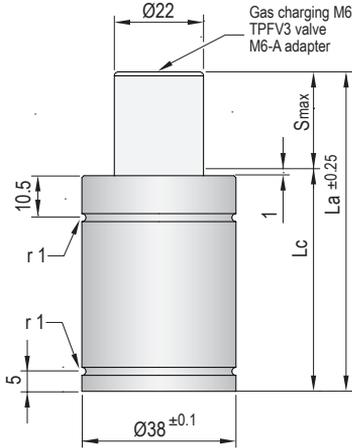


VDI SAFETY

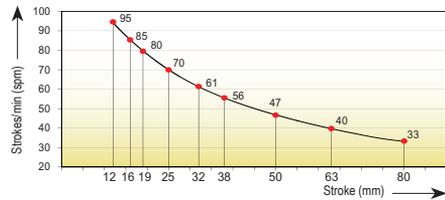


**i** Pressure medium **Nitrogen (N<sub>2</sub>)**

Max. charging pressure	175 Bar
Min. charging pressure	35 Bar
Rod seal area	3,80 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 M38



Maximum strokes / minute (at 20°C)

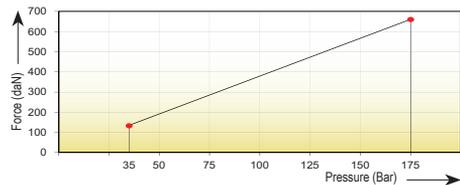


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg	
MICRO 38x12	12	54	42	660 ±5% (20°C)			1015		1080		175 (20°C)	0,012		0,28	
MICRO 38x16	16	62	46				1015		1080					0,016	0,30
MICRO 38x19	19	68	49				1015		1080					0,019	0,32
MICRO 38x25	25	80	55				1020		1080					0,025	0,33
MICRO 38x32	32	94	62				1020		1085					0,032	0,35
MICRO 38x38	38	106	68				1020		1085					0,037	0,39
MICRO 38x50	50	130	80				1020		1085					0,049	0,43
MICRO 38x63	63	156	93				1020		1085					0,062	0,48
MICRO 38x80	80	190	110				1020		1085					0,079	0,55

Force/stroke ratio



Initial force/charging pressure ratio



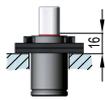
Assembly possibilities



Follow guidelines  
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DROP-IN



FS 38-FSC 38



FS 38-FSC 38



FI 38-FI 38/1

MICRO

TITAN

TPH

TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP

CYLINDER

STOP

CYLINDER

TPSR

TPSRS

TPNS

TPHT

