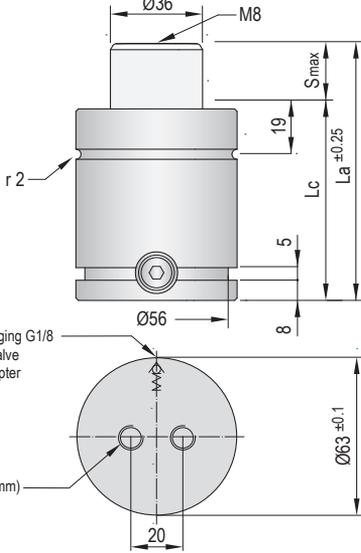


VDI SAFETY



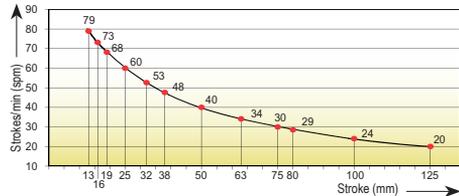
Gas charging G1/8  
TPFV1 valve  
G1/8 adapter

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

Max. charging pressure	<b>150 Bar</b>
Min. charging pressure	<b>35 Bar</b>
Rod seal area	<b>10,18 cm<sup>2</sup></b>
Operating temperature	<b>0°C - 80°C</b>
Force increase by temperature	<b>0,33 %/°C</b>
Max. stem speed	<b>1,6 m/s</b>
Maintenance kit	<b>Kit M63CF</b>

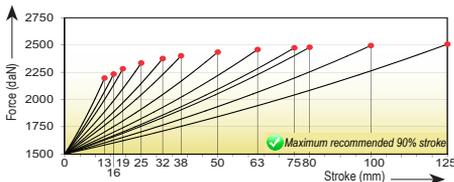


Maximum strokes / minute (at 20°C)

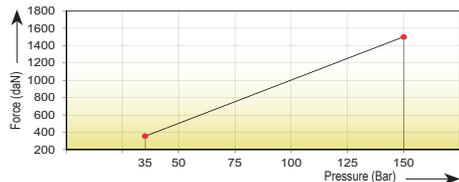


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
MICRO 63CFx13	13	78	65	1500 ±5% (20°C)			2135		2245		150	0,040	0,95	
MICRO 63CFx16	16	84	68				2165		2275		0,048	0,97		
MICRO 63CFx19	19	90	71				2200		2320		0,054	1,15		
MICRO 63CFx25	25	102	77				2235		2365		0,069	1,27		
MICRO 63CFx32	32	116	84				2265		2405		0,086	1,35		
MICRO 63CFx38	38	128	90				2280		2425		0,101	1,40		
MICRO 63CFx50	50	152	102				2305		2455		0,131	1,55		
MICRO 63CFx63	63	178	115				2320		2470		0,162	1,71		
MICRO 63CFx75	75	202	127				2330		2485		0,192	1,83		
MICRO 63CFx80	80	212	132				2335		2490		0,204	1,95		
MICRO 63CFx100	100	252	152				2345		2500		0,253	2,32		
MICRO 63CFx125	125	302	177				2355		2510		0,315	2,82		

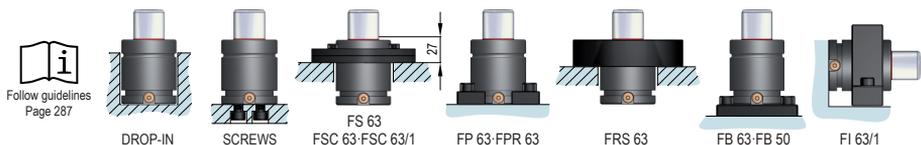
Force/stroke ratio



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

