

VDI SAFETY



MICRO

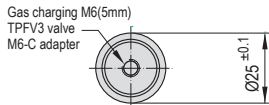
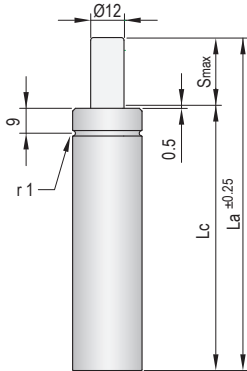
TITAN

TPH

TPS

TPSP

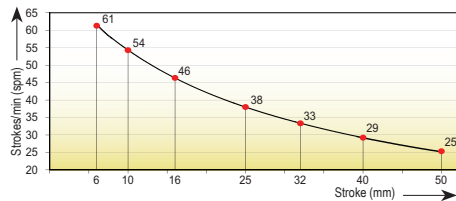
TPF



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	133 Bar
Min. charging pressure	50 Bar
Piston seal area	3,14 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	25 m/min
Maintenance kit	Kit F420

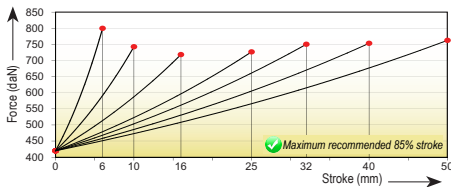


Maximum strokes / minute (at 20°C)

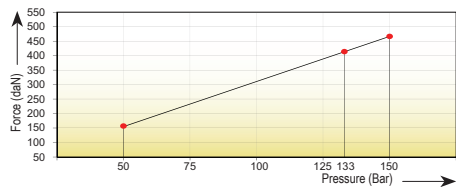


Code	Smax mm	La mm	Lc mm	Fa daN	85% F daN	100% Fc daN	P Bar	V l	Kg	Kit
TPF 420x6	6	56	50	420 ±5% (20°C)	700	795	133 (20°C)	0,004	0,13	✓
TPF 420x10	10	70	60		665	740		0,007	0,15	✓
TPF 420x16	16	91	75		645	715		0,012	0,20	✓
TPF 420x25	25	120	95		650	725		0,019	0,30	✓
TPF 420x32	32	140	108		670	745		0,023	0,38	✓
TPF 420x40	40	165	125		670	750		0,028	0,46	-
TPF 420x50	50	195	145		675	760		0,035	0,57	-

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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DROP-IN



SCREWS



FS 25/1-FS 25/2