

VDI SAFETY



PED
2014/68/UE

MICRO

TITAN

TPH

TPS

TPSP

TPF

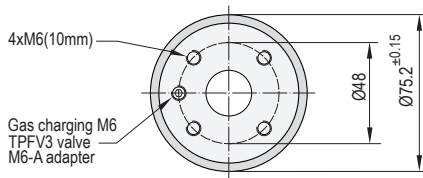
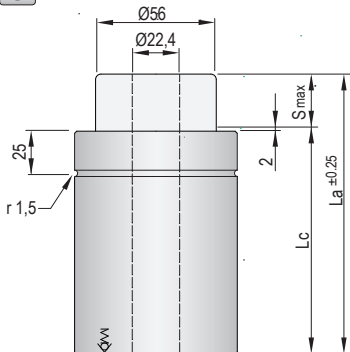
TPK

TPC

TPR

TPB

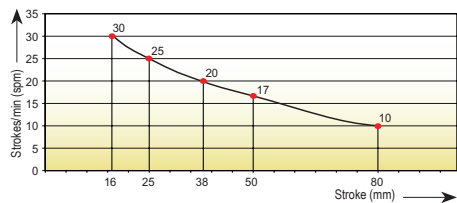
TPHC



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	16,58 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit HC2500

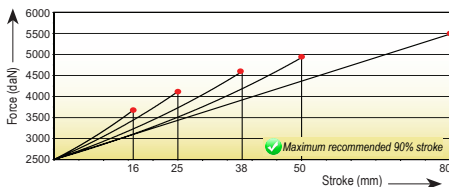


Maximum strokes / minute (at 20°C)

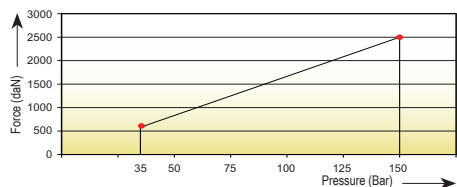


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPHC2500x16	16	122	106	2500 ±5% (20°C)	3495	3660	150 (20°C)	0,083	2,03
TPHC2500x25	25	140	115		3850	4095		0,106	2,20
TPHC2500x38	38	166	128		4220	4575		0,138	2,60
TPHC2500x50	50	190	140		4470	4900		0,168	3,35
TPHC2500x80	80	250	170		4875	5460		0,244	3,80

Force/stroke ratio



Initial force/charging pressure ratio



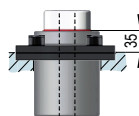
Assembly possibilities



Follow guidelines
Page 287



DROP-IN



FS 75-FSC 75