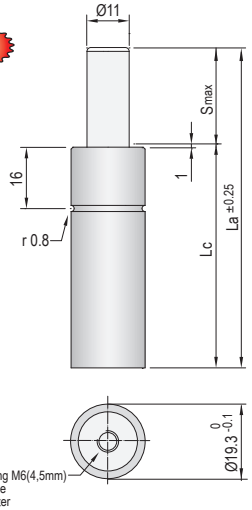
VDI SAFETY

PED 2014/68/UE

EXTRA POWER

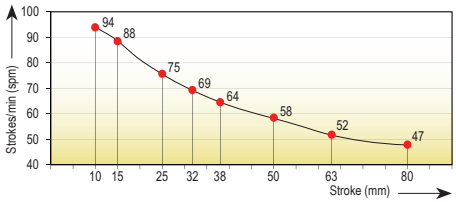


Pressure medium	Nitrogen (N_2)
Max. charging pressure	155 Bar
Min. charging pressure	25 Bar
Rod seal area	0,95 cm²
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	1,6 m/s
Maintenance kit	Kit M19V1



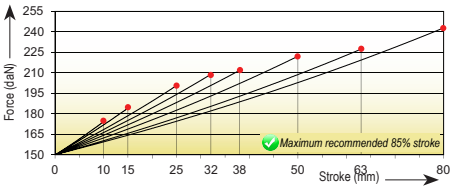


Maximum strokes / minute (at 20ºC)

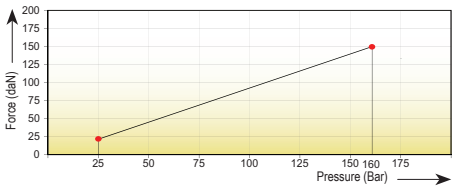


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPH 150x10	10	75	65		175	180		0,07	0,08
TPH 150x15	15	85	70		180	185		0,08	0,09
TPH 150x25	25	105	80		195	200		0,09	0,11
TPH 150x32	32	120	88	150 ±5%	205	210	155	0,11	0,12
TPH 150x38	38	135	97	(20ºC)	205	215	(20ºC)	0,12	0,13
TPH 150x50	50	160	110		215	225		0,15	0,14
TPH 150x63	63	190	127		220	230		0,18	0,15
TPH 150x80	80	220	140		230	245		0,20	0,16

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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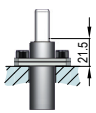
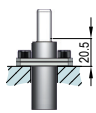
DROP-IN


SCREWS



FS19·FS19/3



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