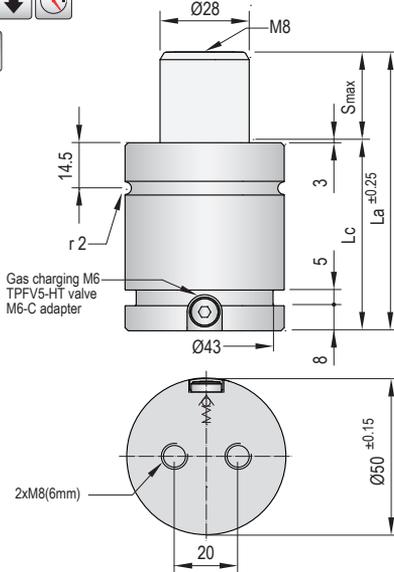




VDI SAFETY



Gas charging M6
TPFV5-HT valve
M6-C adapter

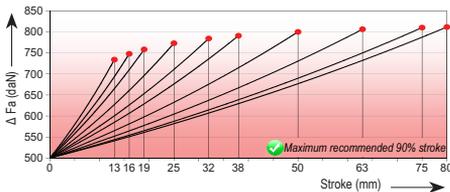
i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	80 Bar
Min. charging pressure	35 Bar
Rod seal area	6,16 cm ²
Operating temperature	0°C - 120°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit HT50.1
Max. strokes / min	10 - 25 spm
Life service	300.000 + 500.000 strokes

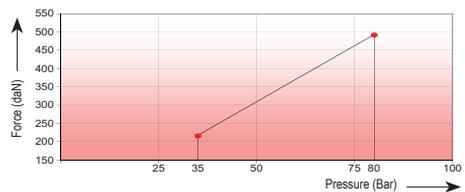


Code	Smax mm	La mm	Lc mm		Fa daN	90%	F daN	100%	Fc daN		P Bar	V		Kg
TPHT 50x13	13	64	51	500 ±5% (20°C)		690	725			80 (20°C)		0,025	0,53	
TPHT 50x16	16	70	54			700	735				0,030	0,55		
TPHT 50x19	19	76	57			710	745				0,034	0,58		
TPHT 50x25	25	88	63			720	760				0,044	0,62		
TPHT 50x32	32	102	70			730	775				0,054	0,67		
TPHT 50x38	38	114	76			735	780				0,064	0,72		
TPHT 50x50	50	138	88			745	790				0,082	0,82		
TPHT 50x63	63	164	101			750	795				0,102	0,93		
TPHT 50x75	75	188	113			750	800				0,121	1,10		
TPHT 50x80	80	198	118			755	800				0,128	1,15		

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



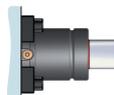
Follow guidelines
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DROP-IN



SCREWS



FP 50 · FPR 50



FS 50 · FSC 50

TPHT

