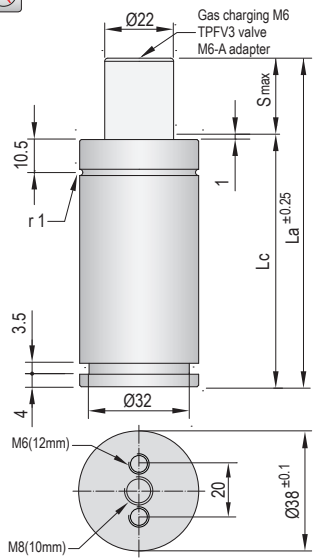
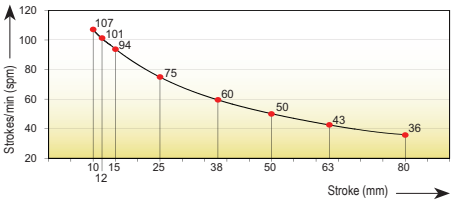
VDI SAFETY

PED 2014/68/UE



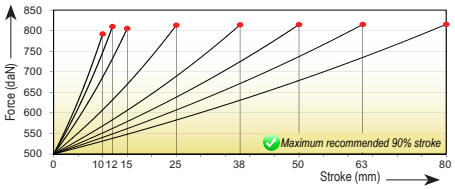
Pressure medium	Nitrogen (N_2)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	3,80 cm^2
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	1,6 m/s
Maintenance kit	Kit C500.1

Maximum strokes / minute (at 20ºC)

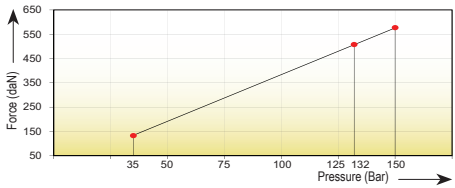


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPC 500x10.1	10	75	65		750	795		0,010	0,38
TPC 500x12.1	12	79	67		765	815		0,012	0,40
TPC 500x15.1	15	85	70		760	810		0,015	0,43
TPC 500x25.1	25	105	80	500 ±5%	770	815	132	0,025	0,45
TPC 500x38.1	38	131	93	(20ºC)	770	815	(20ºC)	0,037	0,52
TPC 500x50.1	50	155	105		770	820		0,049	0,55
TPC 500x63.1	63	186	123		770	820		0,062	0,62
TPC 500x80.1	80	220	140		770	820		0,079	0,69

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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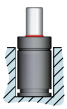
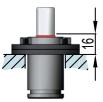
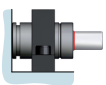

DROP-IN

SCREWS



FS 38·FSC 38

FP 38·FPR 38


FI 38·FI 38/1