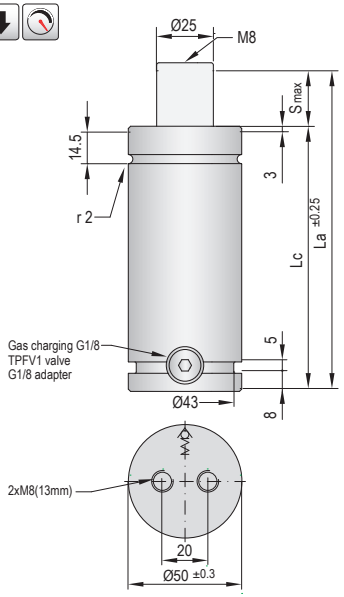
TECAPRES®

Ø50mm
740daN

TPS 750

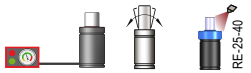
VDI SAFETY

PED 2014/68/UE

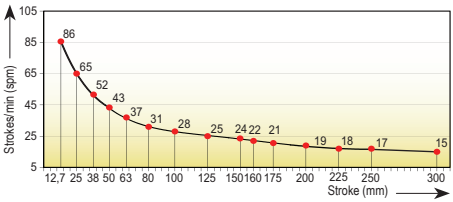


Pressure medium	Nitrogen (N_2)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	4,91 cm²
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	1,6 m/s
Maintenance kit	Kit S750

VDI 3003 · ISO 11901 · CNOMO E.24.54.815.G

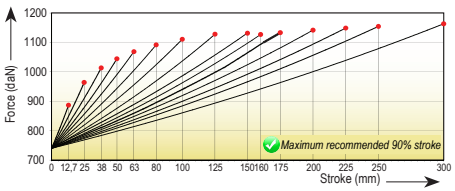


Maximum strokes / minute (at 20ºC)

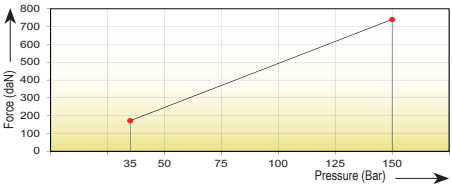


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPS 750x13	12,7	120,4	107,7	740 ±5% (20ºC)	865	880	150 (20ºC)	0,037	1,20
TPS 750x25	25	145	120		930	960		0,053	1,35
TPS 750x38	38	171	133		975	1010		0,069	1,40
TPS 750x50	50	195	145		1000	1040		0,084	1,52
TPS 750x63	63	222	159		1020	1065		0,101	1,70
TPS 750x80	80	255	175		1035	1085		0,122	1,82
TPS 750x100	100	295	195		1055	1105		0,147	1,85
TPS 750x125	125	345	220		1065	1120		0,178	2,20
TPS 750X150	150	395	245		1075	1135		0,210	2,25
TPS 750X160	160	415	255		1065	1120		0,229	2,30
TPS 750X175	175	445	270		1070	1130		0,248	2,65
TPS 750X200	200	495	295		1080	1135		0,279	3,10
TPS 750X225	225	545	320		1085	1145		0,310	3,27
TPS 750X250	250	595	345		1090	1150		0,342	3,60
TPS 750X300	300	695	395		1095	1160		0,405	4,15

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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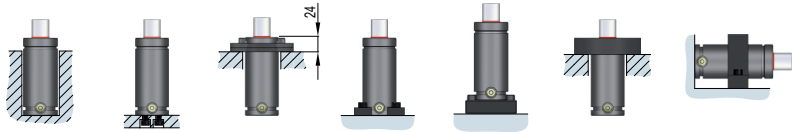

DROP-IN · SCREWS · FS 50·FSC 50 · FP 50·FPR 50 · FB 45·FB 50 · FRS 50 · FI 50·FI 50/1