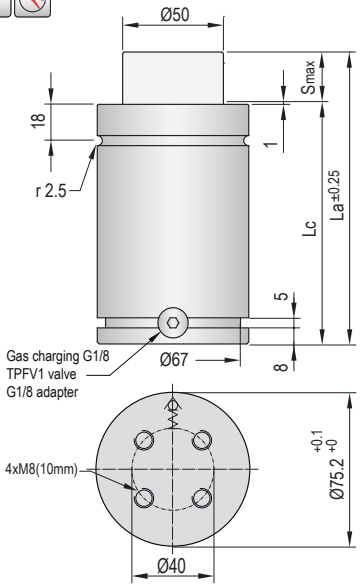
TECAPRES®

Ø75mm
3000daN

TPC 3000

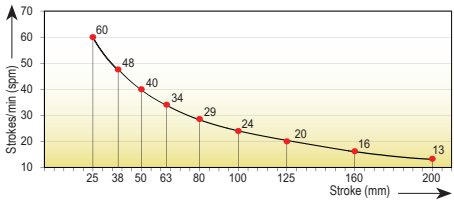
VDI SAFETY

PED 2014/68/UE



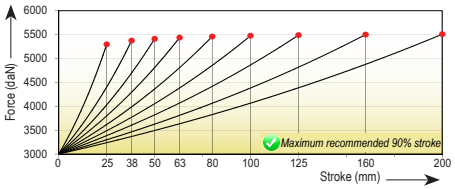
Pressure medium	Nitrogen (N_2)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	19,63 cm²
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	0,8 m/s
Maintenance kit	Kit C3000

Maximum strokes / minute (at 20ºC)

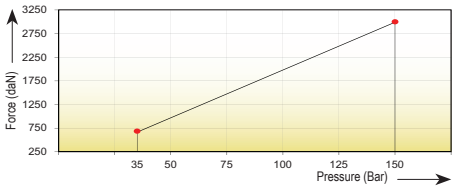


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPC 3000x25	25	145	120		4925	5305		0,113	2,70
TPC 3000x38	38	171	133		4990	5380		0,169	3,30
TPC 3000x50	50	195	145		5015	5420		0,221	4,10
TPC 3000x63	63	221	158	3000 ±5%	5035	5445	150	0,276	4,50
TPC 3000x80	80	255	175	(20ºC)	5055	5470	(20ºC)	0,349	5,10
TPC 3000x100	100	300	200		5065	5485		0,434	5,90
TPC 3000x125	125	350	225		5075	5495		0,541	6,50
TPC 3000x160	160	425	265		5085	5510		0,691	7,40
TPC 3000x200	200	510	310		5090	5515		0,862	7,85

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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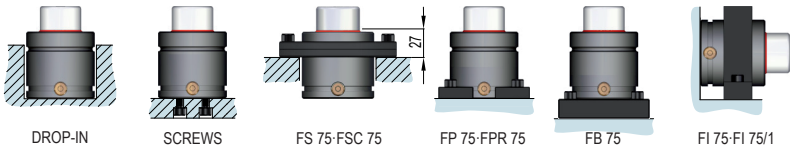

DROP-IN | SCREWS | FS 75·FSC 75 | FP 75·FPR 75 | FB 75 | FI 75·FI 75/1