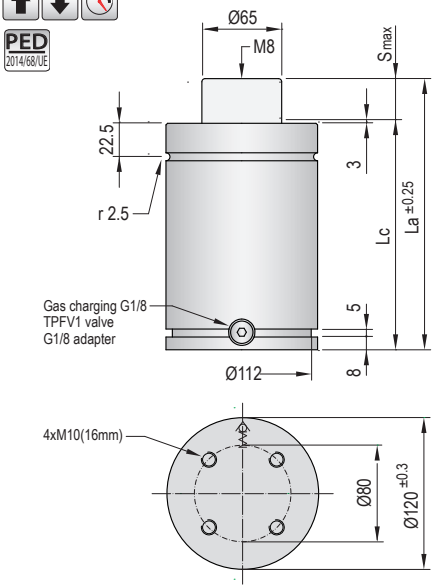
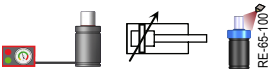
VDI SAFETY

PED 2014/68/UE



Pressure medium	Nitrogen (N_2)
Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	33,18 cm^2
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	20 m/min
Maintenance kit	Kit SR5000
Recommended max. strokes/min	2 - 8 spm

ISO STANDARD DIMENSIONS



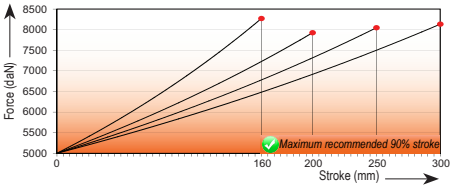
Required data

Working stroke	*(mm)*
Press speed	*(m/min)*
Maximum production rate	*(spm)*
Gas spring expansion speed	*(m/min)*

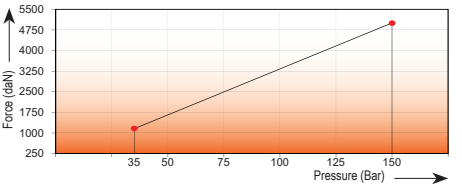
Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPSRC 5000x160	160	460	300		7730	8235		1,342	19,83
TPSRC 5000x200	200	540	340	5000 ±5%	7455	7890	150	1,798	21,70
TPSRC 5000x250	250	640	390	(20°C)	7550	8010	(20°C)	2,191	23,85
TPSRC 5000x300	300	740	440		7620	8100		2,583	25,60

(Other strokes under order)

Force/stroke ratio

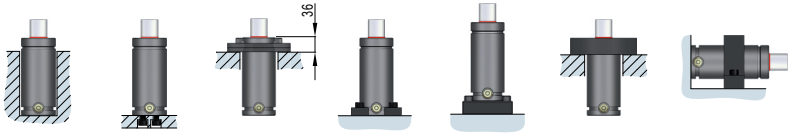


Initial force/charging pressure ratio



Assembly possibilities

Follow guidelines Page 287



DROP-IN | SCREWS | FS 120·FSC 120 | FP 120·FPR 120 | FB 120 | FRS 120 | FI 120·FI 120/1