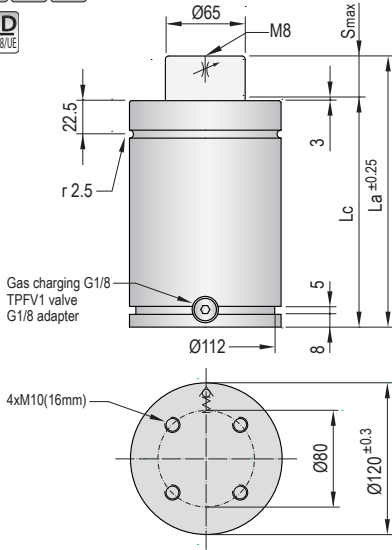


VDI SAFETY



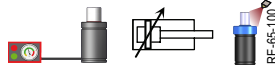
PED  
2014/68/EU



**i** Pressure medium **Nitrogen (N<sub>2</sub>)**

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	33,18 cm <sup>2</sup>
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	5 - 20 spm

ISO  
STANDARD  
DIMENSIONS



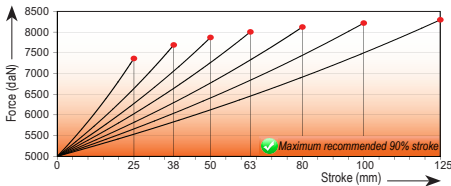
### Required data

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

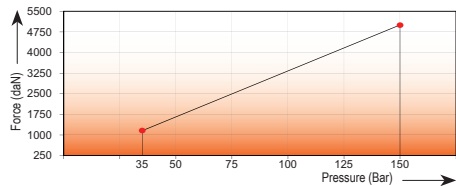


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPSR 5000x25	25	190	165	5000 ±5% (20°C)	7000	7330	150 (20°C)	0,258	12,01
TPSR 5000x38	38	216	178		7265	7655		0,361	12,85
TPSR 5000x50	50	240	190		7410	7835		0,455	13,60
TPSR 5000x63	63	267	204		7515	7970		0,557	14,50
TPSR 5000x80	80	300	220		7610	8085		0,690	15,39
TPSR 5000x100	100	340	240		7685	8180		0,847	16,48
TPSR 5000x125	125	390	265		7750	8260		1,044	18,05
<i>(Other strokes under order)</i>									

Force/stroke ratio



Initial force/charging pressure ratio



### Assembly possibilities

