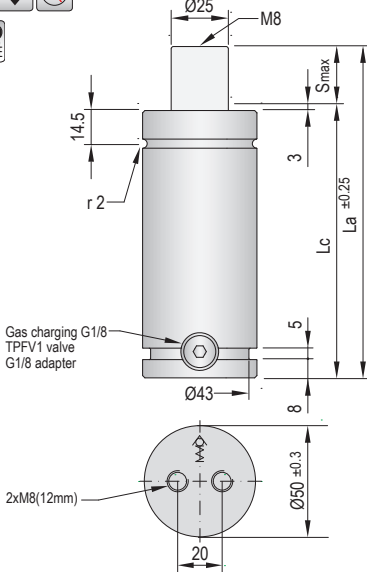




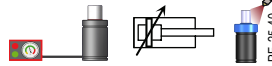
VDI SAFETY



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

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	4,91 cm <sup>2</sup>
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	12 m/min
Maintenance kit	Kit SR750
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		F daN		Fc daN		P Bar		V l		Kg
TPSRC 750x160	160	415	255				1015		1055				0,259	2,30	
TPSRC 750x200	200	495	295	740 ±5% (20°C)			1030		1080		150		0,309	3,10	
TPSRC 750x250	250	595	345				1045		1100		(20°C)		0,372	3,60	
TPSRC 750x300	300	695	395				1060		1115				0,435	4,15	

(Other strokes under order)

TPSR

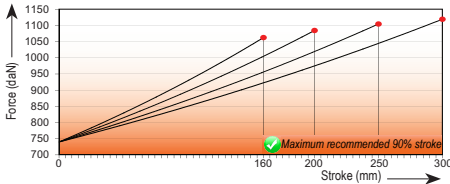
TPSRC

TPNS

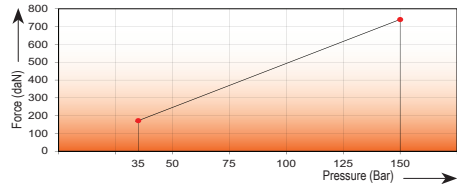
TPHT



### Force/stroke ratio



### Initial force/charging pressure ratio



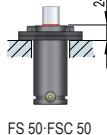
### Assembly possibilities



DROP-IN



SCREWS



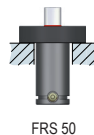
FS 50-FSC 50



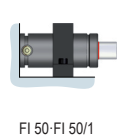
FP 50-FPR 50



FB 45-FB 50



FRS 50



FI 50-FI 50/1