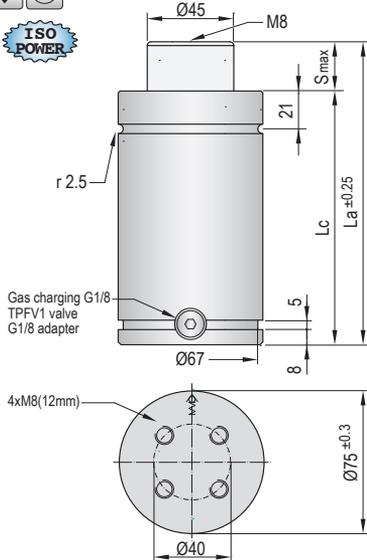


VDI SAFETY

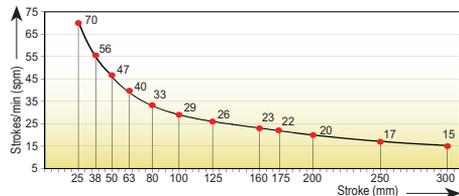


i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	15,90 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,6 m/s
Maintenance kit	Kit SP2400

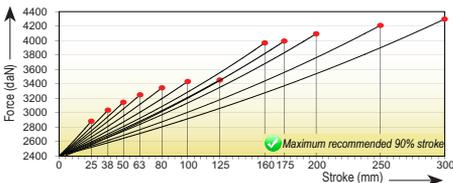


Maximum strokes / minute (at 20°C)

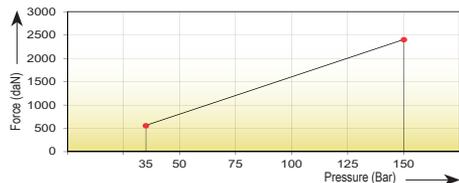


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg
TPSP 2400x25	25	160	135	2400 ±5% (20°C)		2810	2865			150 (20°C)		0,238	3,50	
TPSP 2400x38	38	186	148			2940	3015				0,289	3,70		
TPSP 2400x50	50	210	160			3030	3125				0,336	3,85		
TPSP 2400x63	63	237	174			3120	3230				0,384	4,10		
TPSP 2400x80	80	270	190			3200	3325				0,451	4,65		
TPSP 2400x100	100	310	210			3270	3410				0,529	5,00		
TPSP 2400x125	125	360	235			3290	3430				0,652	5,56		
TPSP 2400x160	160	430	270			3700	3940				0,645	6,24		
TPSP 2400x175	175	460	285			3740	3995				0,691	6,51		
TPSP 2400x200	200	510	310			3800	4070				0,769	7,36		
TPSP 2400x250	250	610	360		3890	4185			0,925	8,12				
TPSP 2400x300	300	710	410		3960	4270			1,081	9,05				

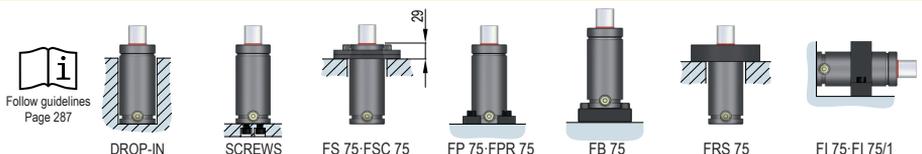
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
Page 287