

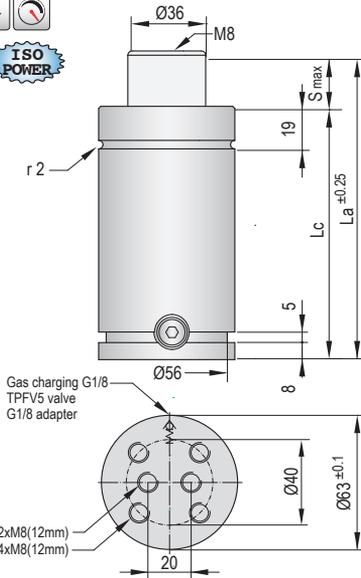
VDI SAFETY



PED  
2014/68/UE

ISO  
POWER

MICRO  
TITAN  
TPH  
TPS  
TPSP

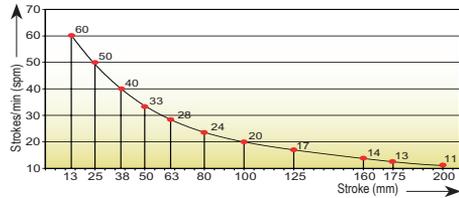


**i** Pressure medium **Nitrogen (N<sub>2</sub>)**

Max. charging pressure	150 Bar
Min. charging pressure	35 Bar
Rod seal area	10,18 cm <sup>2</sup>
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,6 m/s
Maintenance kit	Kit SP1500



Maximum strokes / minute (at 20°C)

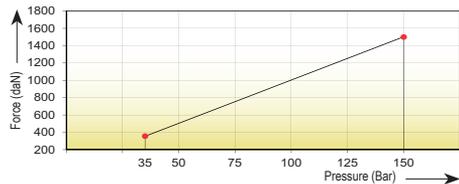


Code	Smax mm	La mm	Lc mm		Fa daN		F daN		Fc daN		P Bar	V l		Kg			
TPSP 1500x13	13	121	108	1500 ±5% (20°C)	1660		1660		1680		148 (20°C)	0,126	1,96				
TPSP 1500x25	25	145	120											1765	1800	0,156	2,20
TPSP 1500x38	38	171	133											1850	1895	0,188	2,36
TPSP 1500x50	50	195	145											1910	1965	0,217	2,44
TPSP 1500x63	63	221	158											1960	2030	0,249	2,55
TPSP 1500x80	80	255	175											2015	2090	0,291	2,61
TPSP 1500x100	100	295	195											2060	2150	0,340	3,25
TPSP 1500x125	125	345	220											2110	2205	0,401	4,06
TPSP 1500x160	160	415	255											2390	2555	0,397	5,23
TPSP 1500x175	175	445	270											2415	2590	0,426	5,46
TPSP 1500x200	200	495	295											2450	2635	0,475	5,80

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

