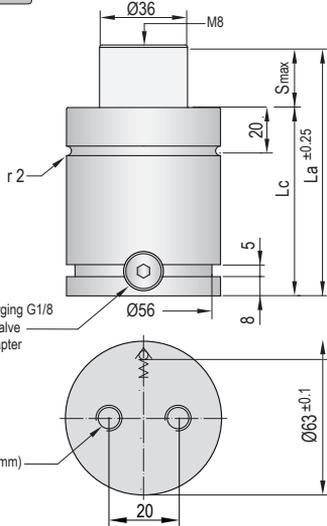
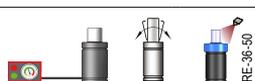


VDI SAFETY

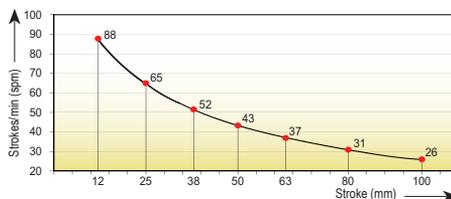


Gas charging G1/8  
TPFV5 valve  
G1/8 adapter

- 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 K1500.1**



Maximum strokes / minute (at 20°C)

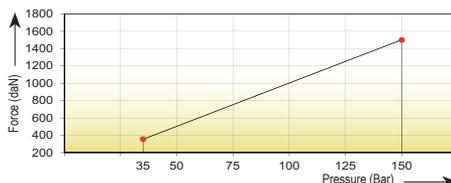


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPK 1500x12.1	12	79	67	1500 ±5% (20°C)	2135	2235	148 (20°C)	0,037	1,20
TPK 1500x25.1	25	105	80		2260	2390		0,069	1,43
TPK 1500x38.1	38	131	93		2300	2445		0,101	1,89
TPK 1500x50.1	50	155	105		2325	2475		0,130	2,45
TPK 1500x63.1	63	181	118		2340	2495		0,162	2,31
TPK 1500x80.1	80	215	135		2350	2510		0,204	2,40
TPK 1500x100.1	100	255	155		2360	2520		0,253	2,73

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

