



### VDI SAFETY



MICRO

TITAN

TPH

TPS

TPSP

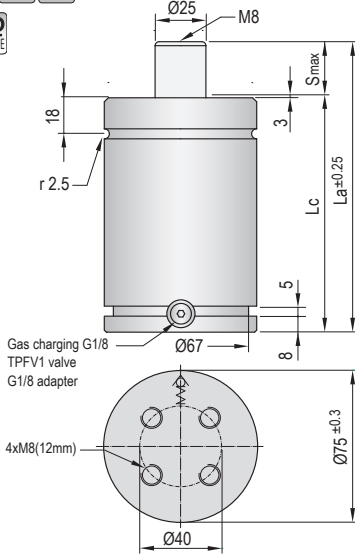
TPF

TPK

TPC

TPR

TPB



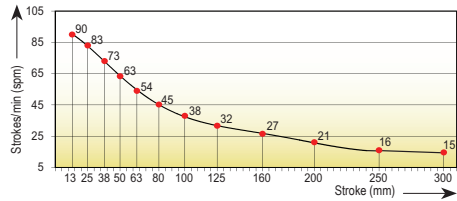
Gas charging G1/8  
TPFV1 valve  
G1/8 adapter

4xM8(12mm)

- 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 **1,6 m/s**
- Maintenance kit **Kit B750**

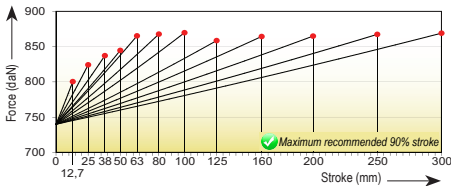


### Maximum strokes / minute (at 20°C)

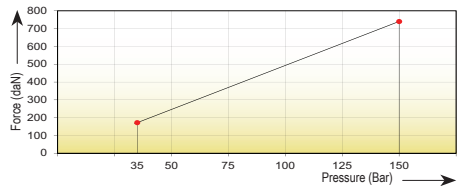


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPB 750x13	12,7	120,4	107,7	740 ±5% (20°C)	790	795	150 (20°C)	0,083	3,00
TPB 750x25	25	145	120		810	820		0,120	3,15
TPB 750x38	38	171	133		820	835		0,161	3,35
TPB 750x50	50	195	145		830	840		0,198	3,50
TPB 750x63	63	222	159		845	860		0,214	3,75
TPB 750x80	80	255	175		850	865		0,267	4,30
TPB 750x100	100	295	195		850	865		0,329	4,65
TPB 750x125	125	345	220		840	855		0,444	5,21
TPB 750x160	160	415	255		845	860		0,546	5,94
TPB 750x200	200	495	295		845	860		0,680	7,00
TPB 750x250	250	595	345		850	865		0,835	7,68
TPB 750x300	300	695	395		850	865		0,991	8,09

### Force/stroke ratio



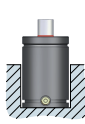
### Initial force/charging pressure ratio



### Assembly possibilities



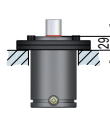
Follow guidelines  
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DROP-IN



SCREWS



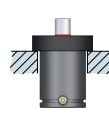
FS 75-FSC 75



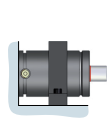
FP 75-FPR 75



FB 75



FRS 75



FI 75-FI 75/1