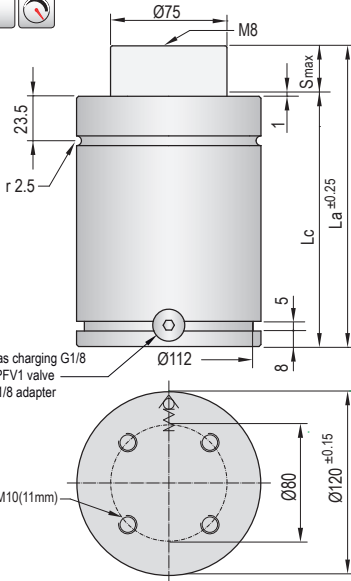




VDI SAFETY

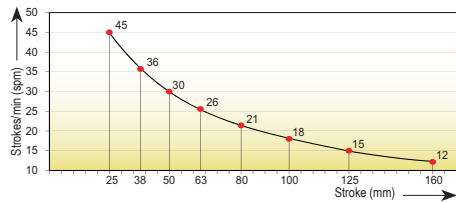


Gas charging G1/8
TPFV1 valve
G1/8 adapter

- Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **150 Bar**
- Min. charging pressure **35 Bar**
- Rod seal area **44,18 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit C6500**

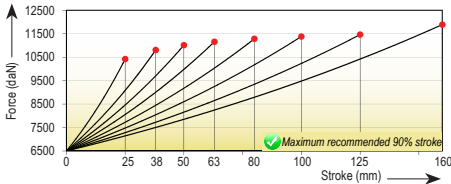


Maximum strokes / minute (at 20°C)

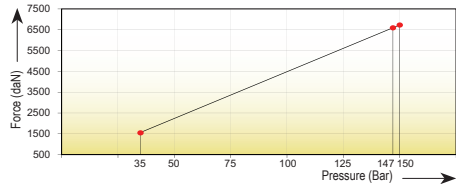


Code	Smax mm	La mm	Lc mm	Fa daN	90% F daN	100% Fc daN	P Bar	V l	Kg
TPC 6500x25	25	165	140	6500 ±5% (20°C)	9820	10400	147 (20°C)	0,294	9,45
TPC 6500x38	38	191	153		10125	10800		0,421	10,05
TPC 6500x50	50	215	165		10290	11000		0,539	10,75
TPC 6500x63	63	241	178		10405	11150		0,667	11,67
TPC 6500x80	80	275	195		10500	11275		0,834	12,28
TPC 6500x100	100	315	215		10580	11375		1,030	13,35
TPC 6500x125	125	375	250		10640	11455		1,275	14,29
TPC 6500x160	160	450	290		10970	11880		1,559	17,53

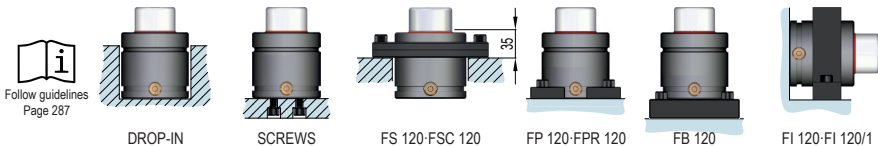
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

STOP CYLINDER

TPSR

TPSRs

TPNS

TPHT

