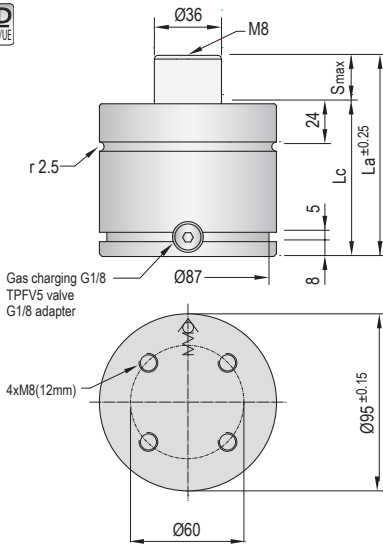


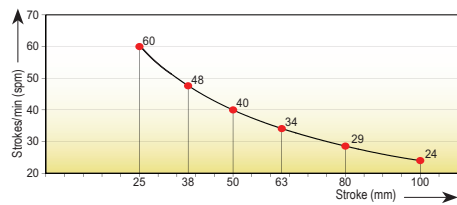
VDI SAFETY



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	175 Bar
Min. charging pressure	35 Bar
Rod seal area	10,18 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,2 m/s
Maintenance kit	Kit B1800.1



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
TPB 1800x25	25	108	83	1800 ±5% (20°C)	2040	2075	175 (20°C)	0,179	3,05
TPB 1800x38	38	134	96		2070	2105		0,251	3,65
TPB 1800x50	50	158	108		2080	2120		0,317	3,84
TPB 1800x63	63	184	121		2090	2130		0,391	4,32
TPB 1800x80	80	218	138		2100	2145		0,483	4,79
TPB 1800x100	100	258	158		2105	2150		0,593	5,88

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

TPSR

TPSRS

TPNS

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

TPHT

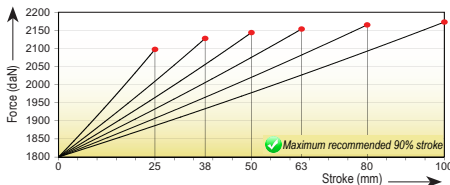
TPHT

TPHT

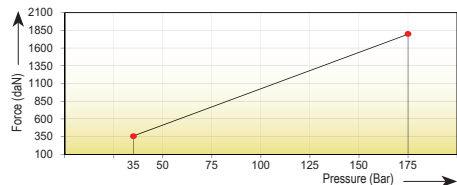
TPHT

TPHT

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

