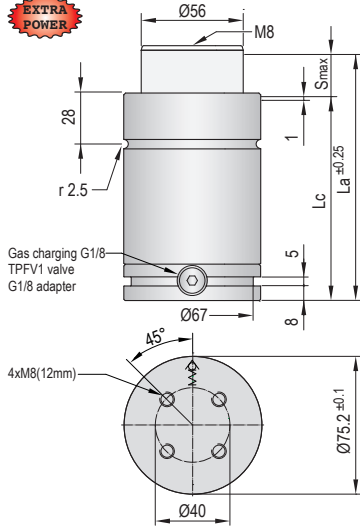


VDI SAFETY



PED
2014/68/EU

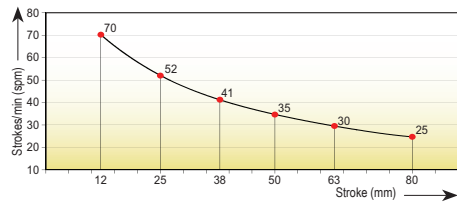
EXTRA
POWER



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	175 Bar
Min. charging pressure	35 Bar
Rod seal area	24,63 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	25 m/min
Maintenance kit	Kit HC4300.1



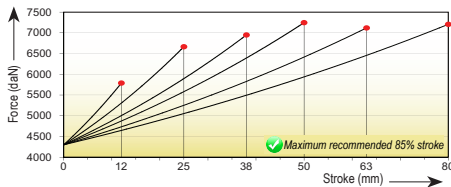
Maximum strokes / minute (at 20°C)



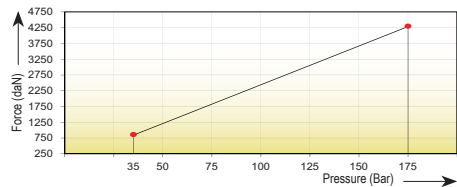
Code	Smax mm	La mm	Lc mm	Fa daN	85% F daN	100% Fc daN	P Bar	V l	Kg
TPH 4300x12.1 C	12	114	102	4300 ±5% (20°C)	5515	5800	175 (20°C)	0,115	2,32
TPH 4300x25.1 C	25	140	115		6170	6680		0,174	2,60
TPH 4300x38.1 C	38	170	132		6375	6965		0,246	2,92
TPH 4300x50.1 C	50	195	145		6585	7265		0,303	3,11
TPH 4300x63.1 C	63	230	167		6500	7135		0,392	3,20
TPH 4300x80.1 C	80	270	190		6560	7225		0,489	4,05

Attention!
This model is designed to
work in a hose system.

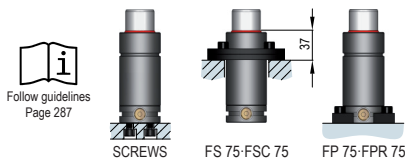
Force/stroke ratio



Initial force/charging pressure ratio

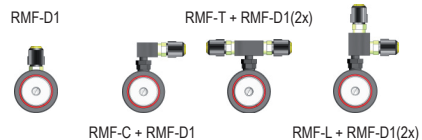


Assembly possibilities



Follow guidelines
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Connection alternatives



TPH

TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

TPSR

TPSR5

TPNS

TPHT

TPH

TPH

TPH

TPH

TPH

TPH

TPH

TPH

TPH

TPH

TPH