

VDI SAFETY



MICRO

TITAN

TPH

TPS

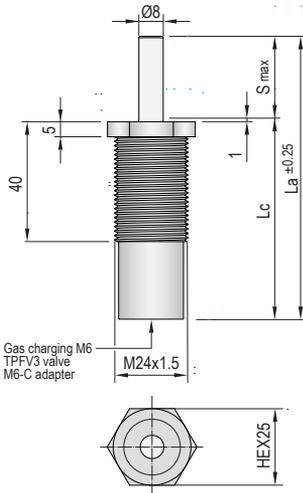
TPSP

TPF

TPK

TPC

TPR



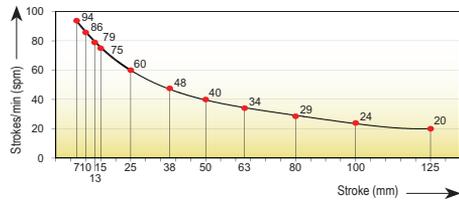
Gas charging M6
TPFV3 valve
M6-C adapter

i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	175 Bar
Min. charging pressure	20 Bar
Rod seal area	0,50 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,6 m/s
Maintenance kit	Kit RT24



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	V l	Kg
TPRT 24x7	7	56	49	0,002	0,08
TPRT 24x10	10	62	52	0,003	0,08
TPRT 24x13	13	67,4	54,4	0,003	0,08
TPRT 24x15	15	72	57	0,004	0,09
TPRT 24x25	25	92	67	0,006	0,10
TPRT 24x38	38	118	80	0,008	0,12
TPRT 24x50	50	142	92	0,011	0,13
TPRT 24x63	63	172	109	0,014	0,15
TPRT 24x80	80	205	125	0,017	0,17
TPRT 24x100	100	245	145	0,021	0,18
TPRT 24x125	125	295	170	0,026	0,21

Code	Fa daN	Fc daN	P Bar
TPRT 24x ... F10	10 (±5%)	≈ 13	20
TPRT 24x ... F20	20 (±5%)	≈ 25	40
TPRT 24x ... F30	30 (±5%)	≈ 40	60
TPRT 24x ... F40	40 (±5%)	≈ 50	80
TPRT 24x ... F50	50 (±5%)	≈ 65	100
TPRT 24x ... F60	60 (±5%)	≈ 75	120
TPRT 24x ... F70	70 (±5%)	≈ 90	140
TPRT 24x ... F80	80 (±5%)	≈ 105	160
TPRT 24x ... F90	90 (±5%)	≈ 110	175

How to order

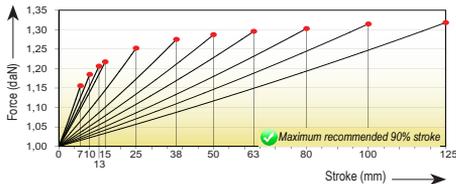
TPRT 24 x 10 F40

Model

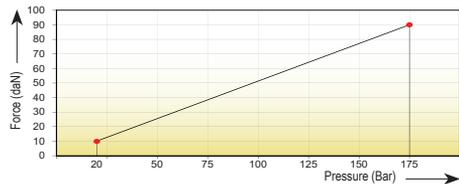
Stroke

Force

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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THREADED