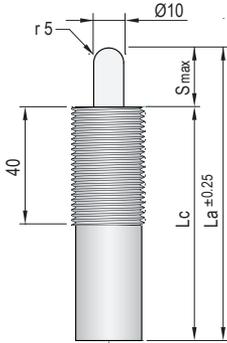
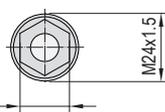




VDI SAFETY



Gas charging M6
TPFV3 valve
M6-C adapter

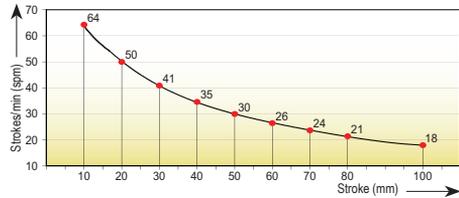


i Pressure medium **Nitrogen (N₂)**

Max. charging pressure	175 Bar
Min. charging pressure	25 Bar
Rod seal area	0,78 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 R24



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	V l	Kg
TPR 24x10	10	80	70	0,009	0,20
TPR 24x20	20	100	80	0,012	0,22
TPR 24x30	30	120	90	0,015	0,24
TPR 24x40	40	140	100	0,017	0,25
TPR 24x50	50	160	110	0,020	0,27
TPR 24x60	60	180	120	0,022	0,30
TPR 24x70	70	200	130	0,025	0,35
TPR 24x80	80	220	140	0,027	0,41
TPR 24x100	100	260	160	0,032	0,45

Code	Fa daN	Fc daN	P Bar
TPR 24x ... F20	20 (±5%)	≈ 25	25
TPR 24x ... F40	40 (±5%)	≈ 50	50
TPR 24x ... F60	60 (±5%)	≈ 75	75
TPR 24x ... F80	80 (±5%)	≈ 100	100
TPR 24x ... F100	100 (±5%)	≈ 125	125
TPR 24x ... F120	120 (±5%)	≈ 150	150
TPR 24x ... F140	140 (±5%)	≈ 175	175

How to order

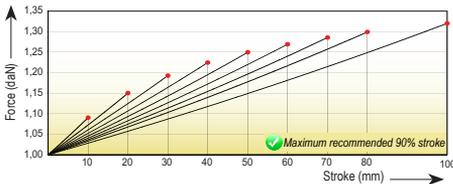
TPR 24 x 60 F140

Model

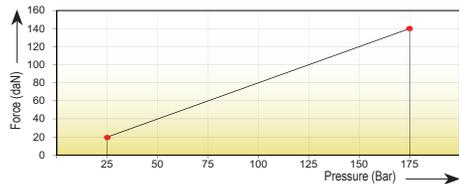
Stroke

Force

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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THREADED



FR 24



FR 24



TPR 24 KEY

TPR
TPB
TPHC
TPA
TPG
TPCT

TPSL
STOP CYLINDER

STOP CYLINDER

TPSR

TPSR5

TPNS

TPHT

