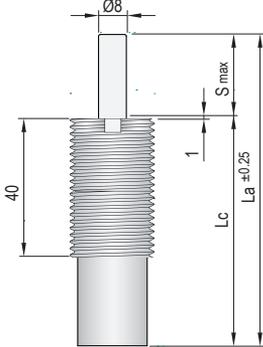
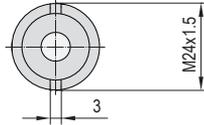




VDI SAFETY



Gas charging M6  
TPFV3 valve  
M6-C adapter

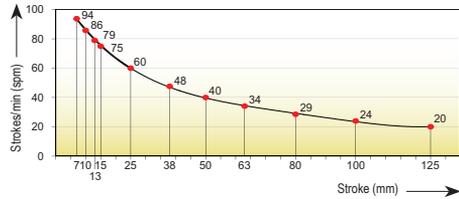


**i** Pressure medium **Nitrogen (N<sub>2</sub>)**

Max. charging pressure	175 Bar
Min. charging pressure	20 Bar
Rod seal area	0,50 cm <sup>2</sup>
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,6 m/s
Maintenance kit	Kit RC24



Maximum strokes / minute (at 20°C)



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

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

How to order

TPRC 24 x 100 F50

Model

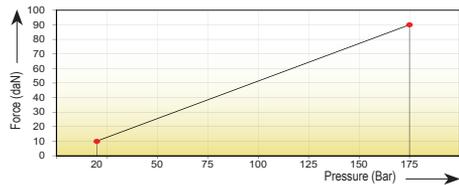
Stroke

Force

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines  
Page 287



THREADED



FR 24



FR 24

TPR  
TPB  
TPHC  
TPA  
TPG  
TPCT

TPSL  
STOP CYLINDER  
STOP CYLINDER

TPSR  
TPSRs

TPNS

TPHT

