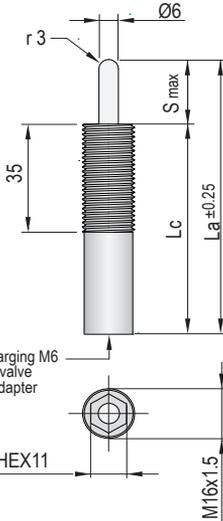


VDI SAFETY

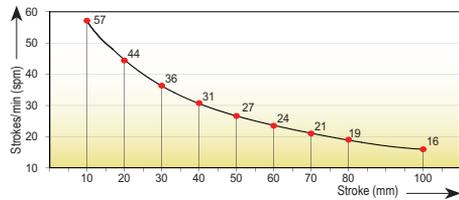


Pressure medium	Nitrogen (N ₂)
Max. charging pressure	175 Bar
Min. charging pressure	35 Bar
Rod seal area	0,28 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,6 m/s
Maintenance kit	Kit RB16

VDI 3004



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	V l	Kg
TPRB 16x10	10	65	55	0,002	0,05
TPRB 16x20	20	85	65	0,003	0,05
TPRB 16x30	30	105	75	0,004	0,06
TPRB 16x40	40	125	85	0,005	0,07
TPRB 16x50	50	145	95	0,006	0,07
TPRB 16x60	60	165	105	0,007	0,08
TPRB 16x70	70	185	115	0,008	0,08
TPRB 16x80	80	205	125	0,009	0,10
TPRB 16x100	100	245	145	0,012	0,10

Code	Fa daN	Fc daN	P Bar
TPRB 16x ... F10	10 (±5%)	≈ 13	35
TPRB 16x ... F15	15 (±5%)	≈ 18	50
TPRB 16x ... F20	20 (±5%)	≈ 25	70
TPRB 16x ... F25	25 (±5%)	≈ 32	90
TPRB 16x ... F30	30 (±5%)	≈ 40	110
TPRB 16x ... F35	35 (±5%)	≈ 45	125
TPRB 16x ... F40	40 (±5%)	≈ 50	140
TPRB 16x ... F45	45 (±5%)	≈ 55	160
TPRB 16x ... F50	50 (±5%)	≈ 60	175

How to order

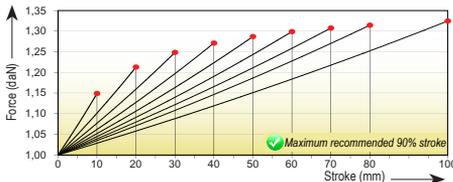
TPRB 16 x 40 F30

Model

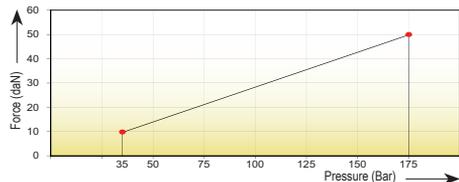
Stroke

Force

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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