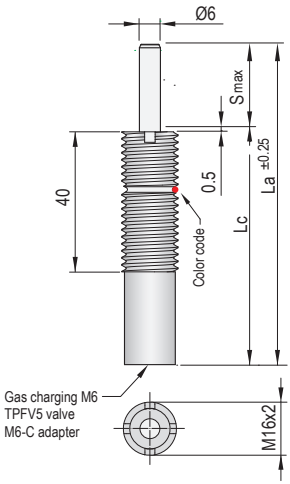
TECAPRES®

M16x2
42daN

TPRN 16

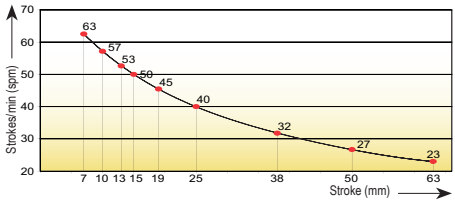
VDI SAFETY

PED 2014/68/UE



Pressure medium	Nitrogen (N_2)
Max. charging pressure	150 Bar
Min. charging pressure	20 Bar
Rod seal area	0,28 cm²
Operating temperature	0ºC - 80ºC
Force increase by temperature	0,33 %/ºC
Max. stem speed	0,5 m/s
Maintenance kit	Kit RN16

Maximum strokes / minute (at 20ºC)



Code	Smax mm	La mm	Lc mm	V l	Kg
TPRN 16x7	7	56	49	0,001	0,05
TPRN 16x10	10	62	52	0,001	0,06
TPRN 16x13	13	68	55	0,001	0,06
TPRN 16x15	15	72	57	0,001	0,07
TPRN 16x19	19	80	61	0,001	0,08
TPRN 16x25	25	92	67	0,002	0,08
TPRN 16x38	38	118	80	0,003	0,09
TPRN 16x50	50	142	92	0,004	0,09
TPRN 16x63	63	172	109	0,005	0,10

Color code	Fa daN	Fc daN	P Bar
GR *(Green)*	13 (±5%)	≈ 20	45
BL *(Blue)*	25 (±5%)	≈ 40	90
RD *(Red)*	38 (±5%)	≈ 60	135
YW *(Yellow)*	42 (±5%)	≈ 65	150
(Other forces)	6 - 42	≈ 10 - 65	20 - 150

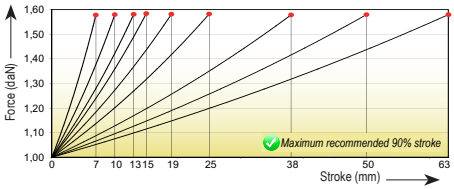
The black color code denotes a different pressure from that which the customer could choose when ordering between the minimum charging pressure (20Bar) and the maximum charging pressure (150Bar).

How to order

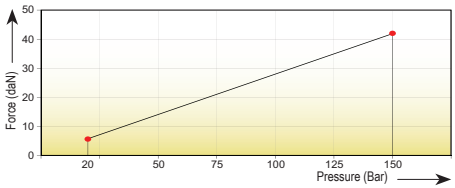
TPRN 16 x 25 YW

Model | Stroke | Force

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

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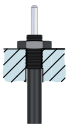
THREADED

FRC 16.1



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TPRN KEY