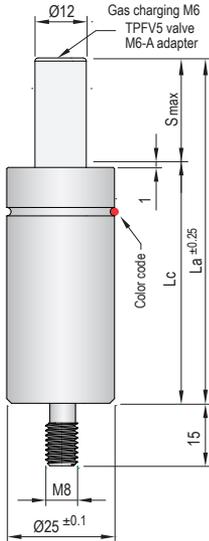


VDI SAFETY



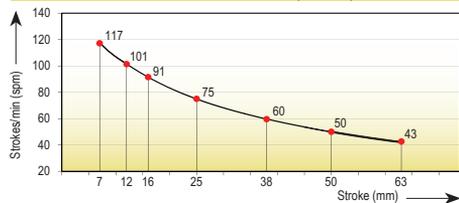
MICRO
TITAN
TPH
TPS
TPSP
TPF
TPK



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	175 Bar
Min. charging pressure	25 Bar
Rod seal area	1,13 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 KR25.1



Maximum strokes / minute (at 20°C)

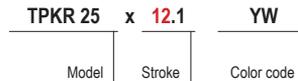


Code	Smax mm	La mm	Lc mm	V l	Kg
TPKR 25x7.1	7	46	39	0,003	0,13
TPKR 25x12.1	12	56	44	0,005	0,14
TPKR 25x16.1	16	64	48	0,006	0,16
TPKR 25x25.1	25	82	57	0,009	0,18
TPKR 25x38.1	38	108	70	0,014	0,20
TPKR 25x50.1	50	132	82	0,018	0,22
TPKR 25x63.1	63	158	95	0,023	0,25

Color code	Fa daN	90% F daN	P Bar
GR (Green)	50 (±5)	≈ 70	45
BL (Blue)	100 (±10)	≈ 140	90
RD (Red)	150 (±15)	≈ 210	135
YW (Yellow)	200 (±20)	≈ 270	175
(Other forces)	28 - 200	≈ 40 - 270	25 - 175

The black color code denotes a different pressure from that which the customer could choose when ordering between the minimum charging pressure and the maximum charging pressure. If not otherwise specified, the gas spring will be supplied in the yellow code version (YW).

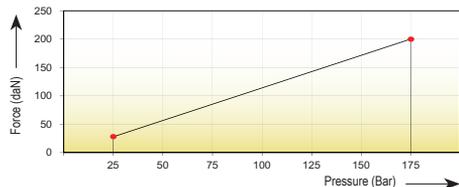
How to order



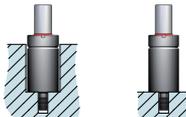
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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THREAD MOUNT