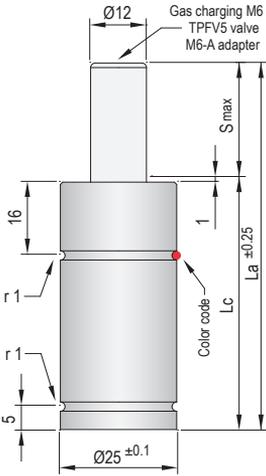




VDI SAFETY



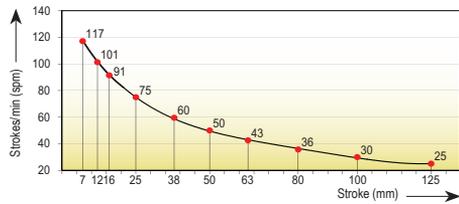
- MICRO
- TITAN
- TPH
- TPS
- TPSP
- TPF
- TPK**



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 K25.1



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	V I	Kg
TPK 25x7.1	7	46	39	0,003	0,09
TPK 25x12.1	12	54	42	0,005	0,10
TPK 25x16.1	16	62	46	0,006	0,11
TPK 25x25.1	25	80	55	0,009	0,13
TPK 25x38.1	38	106	68	0,014	0,15
TPK 25x50.1	50	130	80	0,018	0,17
TPK 25x63.1	63	156	93	0,023	0,20
TPK 25x80.1	80	190	110	0,029	0,22
TPK 25x100.1	100	230	130	0,036	0,25
TPK 25x125.1	125	282	157	0,046	0,30

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

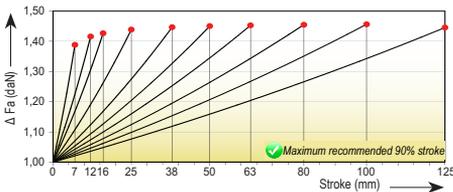
TPK 25 x 38.1 YW

Model

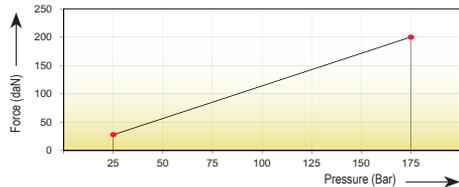
Stroke

Color code

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
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DROP-IN



FS 25/1-FS 2/2



FS 25/1-FS 2/2