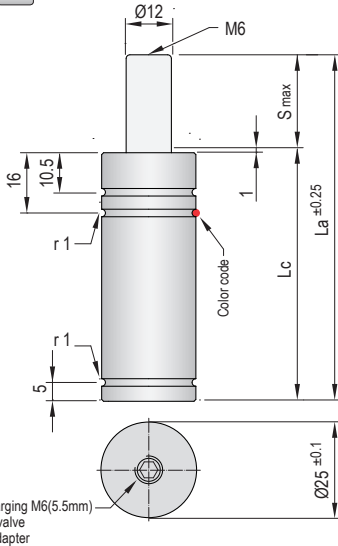


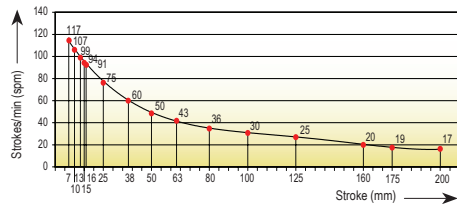
VDI SAFETY



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 C25.1



Maximum strokes / minute (at 20°C)

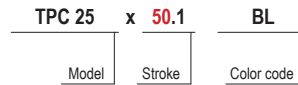


Code	Smax mm	La mm	Lc mm	V l	Kg
TPC 25x7.1	7	56	49	0,004	0,13
TPC 25x10.1	10	62	52	0,005	0,14
TPC 25x13.1	13	67,4	54,7	0,006	0,14
TPC 25x15.1	15	72	57	0,006	0,15
TPC 25x16.1	16	74,3	58,3	0,007	0,15
TPC 25x25.1	25	92	67	0,010	0,16
TPC 25x38.1	38,1	118,2	80,1	0,014	0,19
TPC 25x50.1	50	142	92	0,019	0,21
TPC 25x63.1	63	172	109	0,022	0,25
TPC 25x80.1	80	205	125	0,028	0,26
TPC 25x100.1	100	245	145	0,035	0,29
TPC 25x125.1	125	295	170	0,046	0,33
TPC 25x160.1	160	373	213	0,057	0,37
TPC 25x175.1	175	403	228	0,062	0,40
TPC 25x200.1	200	453	253	0,071	0,43

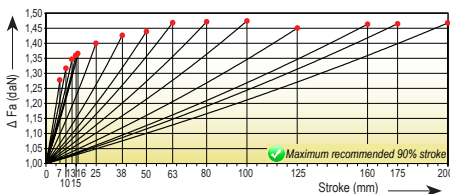
Color code	Fa daN	90% F daN	P Bar
GR (Green)	50 (±5)	≈ 70	45
BL (Blue)	100 (±10)	≈ 135	90
RD (Red)	150 (±15)	≈ 205	135
YW (Yellow)	200 (±20)	≈ 265	175
(Other forces)	28 - 200	≈ 40 - 277	25 - 175

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).

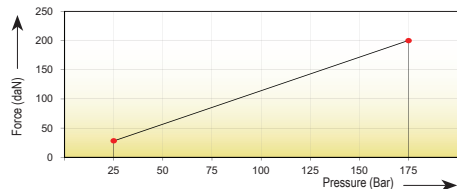
How to order



Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



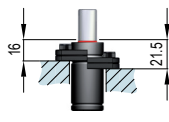
Follow guidelines
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DROP-IN



SCREWS



FS 25/1-FS 25/2



FS 25/1-FS 25/2

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

TPSR

TPSRS

TPNS

TPHT

