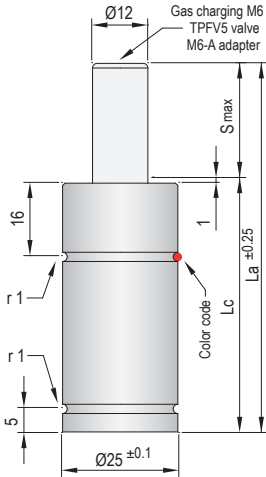


VDI SAFETY



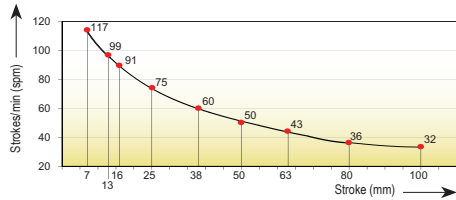
- MICRO
- TITAN
- TPH
- TPS
- TPSP
- TPF
- TPK
- TPC
- TPR
- TPB
- TPHC
- TPA
- TPG
- TPCT**



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 CT25.1



Maximum strokes / minute (at 20°C)

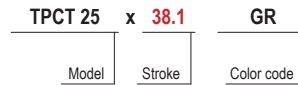


Code	Smax mm	La mm	Lc mm	V l	Kg
TPCT 25x7.1	7	47	40	0,003	0,10
TPCT 25x13.1	12,7	58,4	45,7	0,005	0,11
TPCT 25x16.1	16	65	49	0,006	0,12
TPCT 25x25.1	25	83	58	0,009	0,14
TPCT 25x38.1	38	109	71	0,014	0,16
TPCT 25x50.1	50	133	83	0,018	0,18
TPCT 25x63.1	63	160	97	0,023	0,21
TPCT 25x80.1	80	193	113	0,029	0,23
TPCT 25x100.1	100	232	132	0,036	0,26

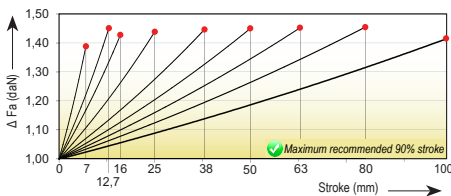
Color code	Fa daN	90% F daN	P Bar
GR (Green)	50 (±5)	≈ 70	45
BL (Blue)	100 (±10)	≈ 140	90
RD (Red)	150 (±15)	≈ 210	135
YW (Yellow)	200 (±20)	≈ 270	175
(Other forces)	28 - 200	≈ 40 - 270	25 - 175

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).

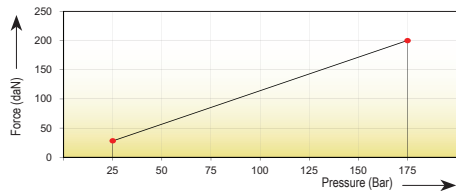
How to order



Force/stroke ratio



Initial force/charging pressure ratio



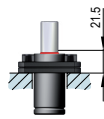
Assembly possibilities



Follow guidelines
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DROP-IN



FS 25/1 - FS 25/2



FS 25/1 - FS 25/2