

VDI SAFETY



MICRO

TITAN

TPH

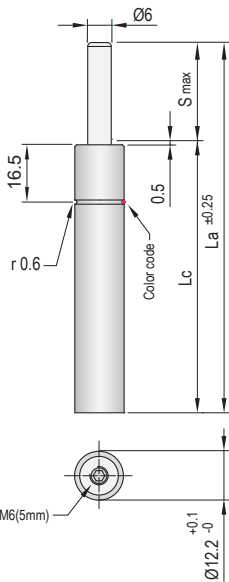
TPS

TPSP

TPF

TPK

TPC

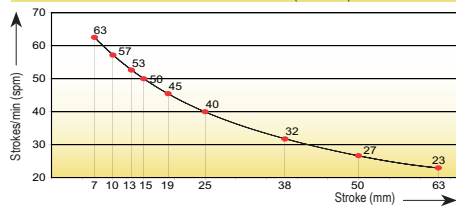


Gas charging M6(5mm)
TPFV5 valve
M6-C adapter

Pressure medium	Nitrogen (N ₂)
Max. charging pressure	150 Bar
Min. charging pressure	20 Bar
Rod seal area	0,28 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,5 m/s
Maintenance kit	Kit C12.1



Maximum strokes / minute (at 20°C)

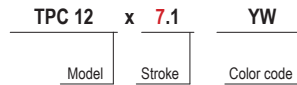


Code	Smax mm	La mm	Lc mm	V l	Kg
TPC 12x7.1	7	56	49	0,001	0,03
TPC 12x10.1	10	62	52	0,001	0,03
TPC 12x13.1	13	68	55	0,001	0,03
TPC 12x15.1	15	72	57	0,001	0,04
TPC 12x19.1	19	80	61	0,001	0,05
TPC 12x25.1	25	92	67	0,002	0,05
TPC 12x38.1	38	118	80	0,003	0,06
TPC 12x50.1	50	142	92	0,004	0,06
TPC 12x63.1	63	172	109	0,005	0,07

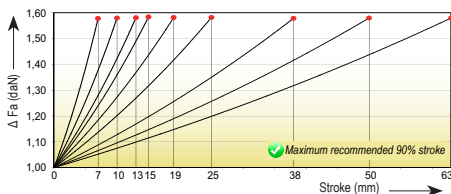
Color code	Fa daN	90% F daN	P Bar
GR (Green)	13 (±5%)	≈ 19	45
BL (Blue)	25 (±5%)	≈ 38	90
RD (Red)	38 (±5%)	≈ 57	135
YW (Yellow)	42 (±5%)	≈ 63	150
(Other forces)	6 - 42	≈ 10 - 63	20 - 150

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).

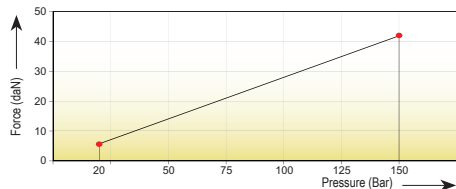
How to order



Force/stroke ratio



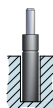
Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines
Page 287



DROP-IN



SCREWS



FS 12