

VDI SAFETY

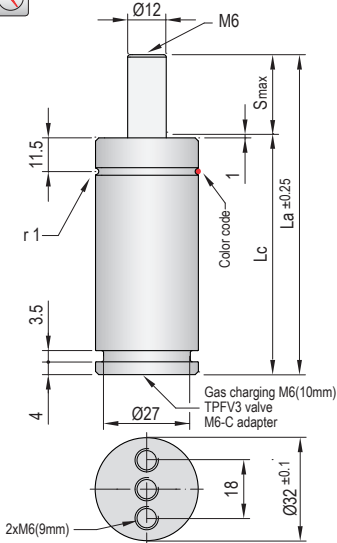


MICRO

TITAN

TPH

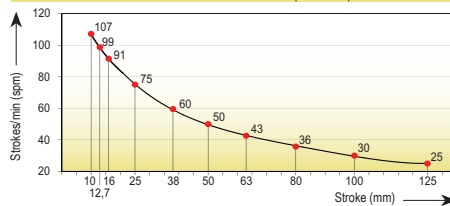
TPS



- i** Pressure medium **Nitrogen (N₂)**
- Max. charging pressure **175 Bar**
- Min. charging pressure **25 Bar**
- Rod seal area **1,13 cm²**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,6 m/s**
- Maintenance kit **Kit S32.2**



Maximum strokes / minute (at 20°C)

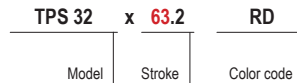


Code	Smax mm	La mm	Lc mm	V l	Kg
TPS 32x10.2	10	70	60	0,006	0,30
TPS 32x13.2	12,7	75,4	62,7	0,007	0,32
TPS 32x16.2	16	82	66	0,008	0,33
TPS 32x25.2	25	100	75	0,011	0,37
TPS 32x38.2	38	126	88	0,015	0,42
TPS 32x50.2	50	150	100	0,019	0,47
TPS 32x63.2	63	177	114	0,024	0,52
TPS 32x80.2	80	210	130	0,030	0,60
TPS 32x100.2	100	250	150	0,037	0,75
TPS 32x125.2	125	300	175	0,045	0,85

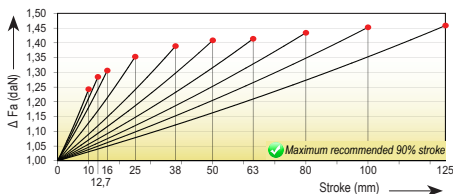
Color code	Fa daN	90% F daN	P Bar
GR (Green)	50 (±5)	≈ 65	45
BL (Blue)	100 (±10)	≈ 135	90
RD (Red)	150 (±15)	≈ 200	135
YW (Yellow)	200 (±20)	≈ 260	175
(Other forces)	28 - 200	≈ 40 - 260	25 - 175

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 color version (YW).

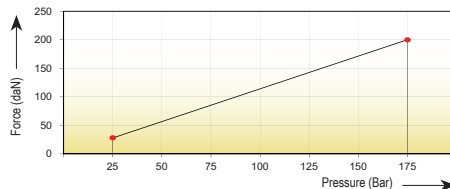
How to order



Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities

