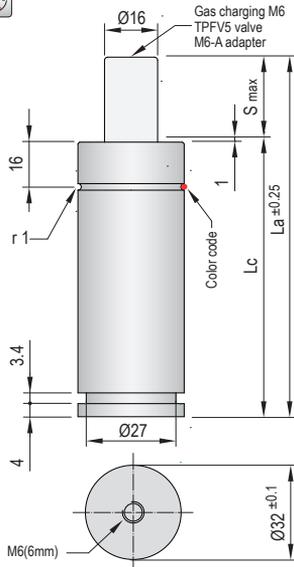


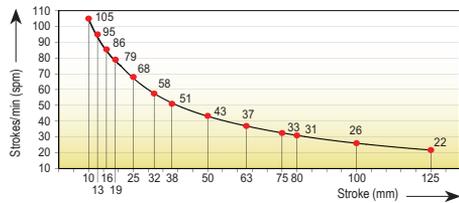
VDI SAFETY



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	175 Bar
Min. charging pressure	25 Bar
Rod seal area	2,01 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 C32



Maximum strokes / minute (at 20°C)

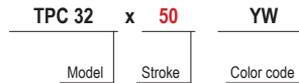


Code	Smax mm	La mm	Lc mm	V l	Kg
TPC 32x10	10	62	52	0,007	0,20
TPC 32x13	13	67,4	54,7	0,008	0,22
TPC 32x15	15	72	57	0,009	0,23
TPC 32x16	16	74	58	0,010	0,24
TPC 32x19	19	80	61	0,012	0,25
TPC 32x25	25	92	67	0,016	0,27
TPC 32x32	32	106	74	0,020	0,30
TPC 32x38	38	118	80	0,024	0,34
TPC 32x50	50	142	92	0,031	0,39
TPC 32x63	63	172	109	0,039	0,41
TPC 32x75	75	195	120	0,046	0,46
TPC 32x80	80	205	125	0,049	0,47
TPC 32x100	100	245	145	0,061	0,55
TPC 32x125	125	295	170	0,076	0,64

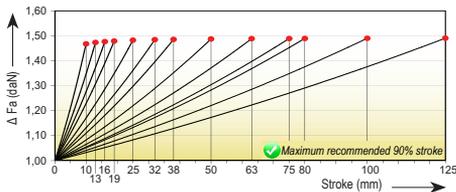
Color code	Fa daN	90% F daN	P Bar
GR (Green)	80 (±10)	≈ 115	40
BL (Blue)	160 (±15)	≈ 230	80
RD (Red)	240 (±20)	≈ 345	120
YW (Yellow)	310 (±20)	≈ 445	155
(Other forces)	50 - 350	≈ 70 - 500	25 - 175

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).

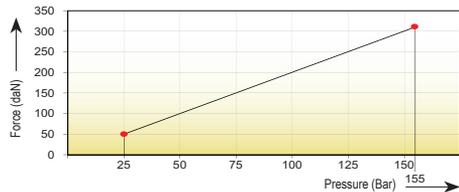
How to order



Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



DROP-IN



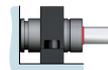
SCREWS



FSC32
FSC 32/1-FSC 32



FP 32-FPR 32



FI 32-FI 32/1