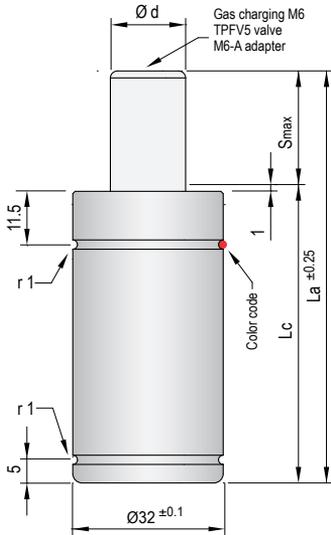


VDI SAFETY



PED
2014/68/UE

MICRO
TITAN
TPH
TPS
TPSP
TPF
TPK



i Pressure medium **Nitrogen (N₂)**

Max. charging pressure **150 Bar**

Min. charging pressure **25 Bar**

Rod seal area **Ø16 - 2.01cm²**
Ø18 - 2.54cm²

Operating temperature **0°C - 80°C**

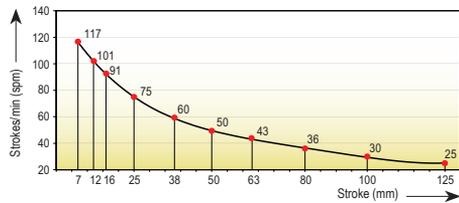
Force increase by temperature **0,33 %/°C**

Max. stem speed **1,6 m/s**

Maintenance kit **Ø16 - Kit KN32/16**
Ø18 - Kit KN32/18



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	Ø d mm	V l	Kg
TPKN 32x7	7	53	46	18	0,004	0,22
TPKN 32x12	12	63	51	18	0,007	0,23
TPKN 32x16	16	71	55	16	0,010	0,25
TPKN 32x25	25	89	64	16	0,015	0,29
TPKN 32x38	38	115	77	16	0,023	0,31
TPKN 32x50	50	139	89	16	0,030	0,35
TPKN 32x63	63	165	102	16	0,038	0,39
TPKN 32x80	80	199	119	16	0,049	0,45
TPKN 32x100	100	239	139	16	0,061	0,51
TPKN 32x125	125	289	164	16	0,081	0,57

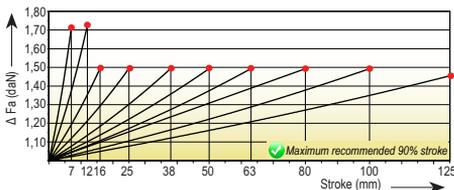
Color code	Fa daN	90% F daN	P Bar
GR (Green)	100 (±10)	≈ 145	50
BL (Blue)	200 (±15)	≈ 285	100
RD (Red)	250 (±20)	≈ 360	125
YW (Yellow)	300 (±20)	≈ 430	150
(Other forces)	50 - 300	≈ 75 - 430	25 - 150

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 color version (YW).

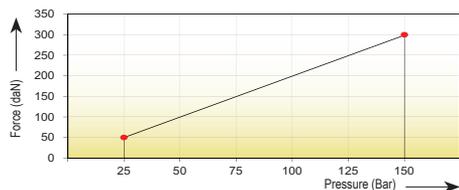
How to order

TPKN 32	x	63	BL
Model		Stroke	Color code

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



DROP-IN



FS 32
FS 32/1-FSC 32



FS 32
FS 32/1-FSC 32



FI 32-FI 32/1