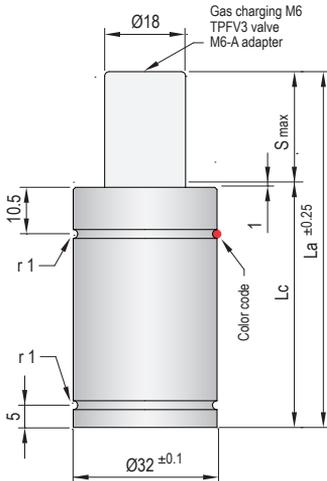
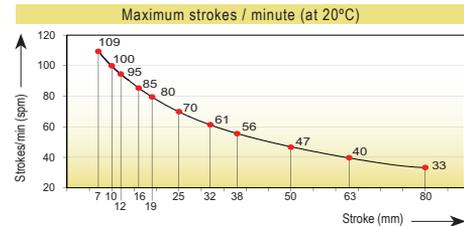


VDI SAFETY



Pressure medium	Nitrogen (N <sub>2</sub> )
Max. charging pressure	175 Bar
Min. charging pressure	25 Bar
Rod seal area	2,54 cm <sup>2</sup>
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	1,2 m/s
Maintenance kit	Kit M32



Code	Smax mm	La mm	Lc mm	V l	Kg
MICRO 32x7	7	44	37	0,005	0,16
MICRO 32x10	10	50	40	0,007	0,17
MICRO 32x12	12	54	42	0,008	0,18
MICRO 32x16	16	62	46	0,011	0,19
MICRO 32x19	19	68	49	0,013	0,20
MICRO 32x25	25	80	55	0,017	0,22
MICRO 32x32	32	94	62	0,021	0,24
MICRO 32x38	38	106	68	0,025	0,26
MICRO 32x50	50	130	80	0,033	0,30
MICRO 32x63	63	156	93	0,041	0,36
MICRO 32x80	80	190	110	0,052	0,41

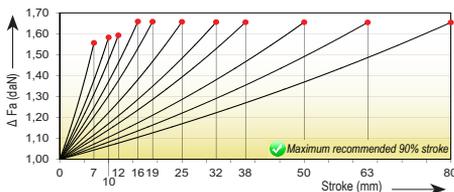
Color code	Fa daN	90% F daN	P Bar
GR (Green)	100 (±10)	≈ 155	40
BL (Blue)	200 (±15)	≈ 310	80
RD (Red)	300 (±20)	≈ 465	120
YW (Yellow)	450 (±20)	≈ 680	175
(Other forces)	60 - 450	≈ 100 - 680	25 - 175

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).

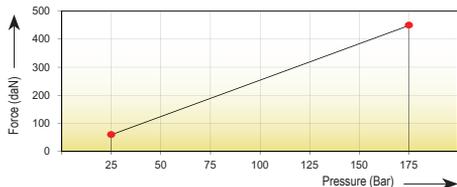
How to order

MICRO 32	x	19	RD
Model	Stroke	Color code	

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines  
Page 287



DROP-IN



FS 32  
FS 32/1-FSC 32



FS 32  
FS 32/1-FSC 32



FI 32-FI 32/1

MICRO

TITAN

TPH

TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

TPSR

TPSRs

TPNS

TPHT

