

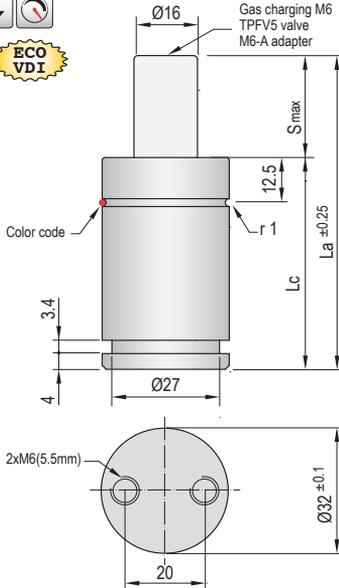


VDI SAFETY



i

MICRO

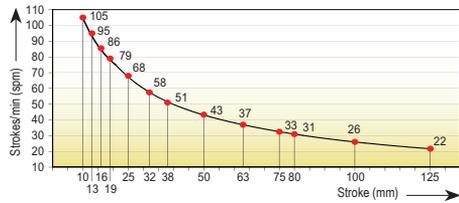


i Pressure medium **Nitrogen (N₂)**

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 MV32.1



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	V l	Kg
MICRO 32Vx10	10	50	40	0,006	0,16
MICRO 32Vx13	13	56	43	0,008	0,17
MICRO 32Vx16	16	62	46	0,010	0,18
MICRO 32Vx19	19	68	49	0,012	0,19
MICRO 32Vx25	25	80	55	0,015	0,20
MICRO 32Vx32	32	94	62	0,019	0,22
MICRO 32Vx38	38	106	68	0,024	0,24
MICRO 32Vx50	50	130	80	0,031	0,28
MICRO 32Vx63	63	156	93	0,038	0,33
MICRO 32Vx75	75	180	105	0,046	0,36
MICRO 32Vx80	80	190	110	0,049	0,38
MICRO 32Vx100	100	230	130	0,061	0,44
MICRO 32Vx125	125	280	155	0,076	0,51

Color code	Fa daN	90% F daN	P Bar
GR (Green)	50 (±5)	≈ 70	25
BL (Blue)	150 (±15)	≈ 215	75
RD (Red)	250 (±20)	≈ 360	125
YW (Yellow)	350 (±20)	≈ 500	175
(Other forces)	50 - 350	≈ 75 - 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

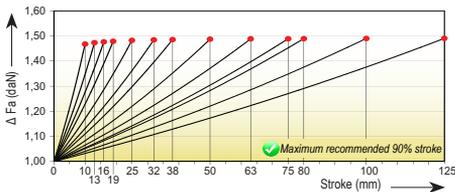
MICRO 32V x 32 YW

Model

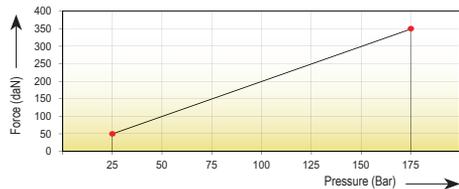
Stroke

Color code

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



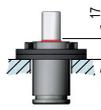
Follow guidelines
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DROP-IN



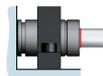
SCREWS



FS 32
FS 32/1-FSC 32



FP 32-FPR 32



FI 32-FI 32/1