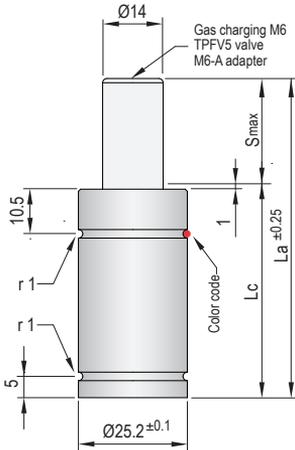


VDI SAFETY



MICRO



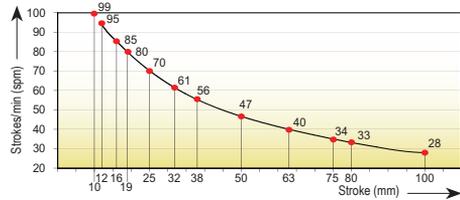
- i** Pressure medium **Nitrogen (N<sub>2</sub>)**
- Max. charging pressure **175 Bar**
- Min. charging pressure **50 Bar**
- Rod seal area **1,54 cm<sup>2</sup>**
- Operating temperature **0°C - 80°C**
- Force increase by temperature **0,33 %/°C**
- Max. stem speed **1,2 m/s**
- Maintenance kit **Kit M25.2**



RE-14.25



Maximum strokes / minute (at 20°C)



Code	Smax mm	La mm	Lc mm	V l	Kg
MICRO 25x10.2	9,5	45	35	0,004	0,07
MICRO 25x12.2	11,5	49	37	0,005	0,08
MICRO 25x16.2	15,5	57	41	0,007	0,09
MICRO 25x19.2	18,5	63	44	0,008	0,10
MICRO 25x25.2	24,5	75	50	0,010	0,11
MICRO 25x32.2	31,5	89	57	0,013	0,12
MICRO 25x38.2	37,5	101	63	0,016	0,13
MICRO 25x50.2	49,5	125	75	0,021	0,15
MICRO 25x63.2	62,5	151	88	0,026	0,18
MICRO 25x75.2	74,5	175	100	0,031	0,19
MICRO 25x80.2	79,5	185	105	0,033	0,20
MICRO 25x100.2	99,5	225	125	0,041	0,25

Color code	Fa daN	90% F daN	P Bar
GR (Green)	100 (±10)	≈ 150	65
BL (Blue)	150 (±10)	≈ 230	100
RD (Red)	200 (±15)	≈ 300	130
YW (Yellow)	275 (±20)	≈ 405	175
(Other forces)	75 - 275	≈ 120 - 405	50 - 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 code version (YW).

How to order

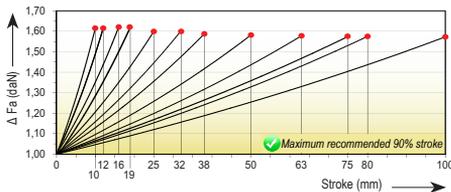
MICRO 25 x 38.2 RD

Model

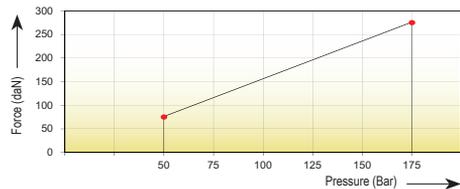
Stroke

Color code

Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



Follow guidelines  
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DROP-IN



FS 25/1



FS 25/1