

Pressure medium	<b>Gas Nitrógeno (N<sub>2</sub>)</b>
Max. charging pressure	<b>175 Bar</b>
Min. charging pressure	<b>25 Bar</b>
Rod seal area	<b>2,54 cm<sup>2</sup></b>
Operating temperature	<b>0°C - 80°C</b>
Force increase by temperature	<b>0,33 %/°C</b>
Max. stem speed	<b>1,2 m/s</b>
Maintenance kit	<b>Kit MH32</b>

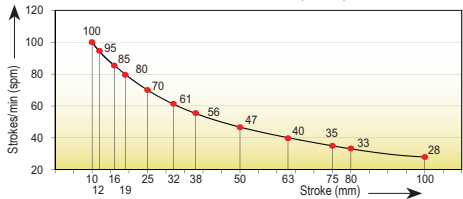


**VDI SAFETY**



RE-18-52

Maximum strokes / minute (at 20°)



Code	S <sub>max</sub> mm	La mm	Lc mm	V I	Kg
MICRO 32Hx10	10	50	40	0,007	0,16
MICRO 32Hx12	12	54	42	0,008	0,17
MICRO 32Hx16	16	62	46	0,011	0,18
MICRO 32Hx19	19	68	49	0,013	0,19
MICRO 32Hx25	25	80	55	0,017	0,20
MICRO 32Hx32	32	94	62	0,021	0,22
MICRO 32Hx38	38	106	68	0,025	0,24
MICRO 32Hx50	50	130	80	0,033	0,28
MICRO 32Hx63	63	156	93	0,041	0,33
MICRO 32Hx75	75	180	105	0,049	0,36
MICRO 32Hx80	80	190	110	0,052	0,38
MICRO 32Hx100	100	230	130	0,065	0,44

Color code	F <sub>a</sub> daN	F <sub>c</sub> daN	P Bar
GR (Green)	100 (±10)	≈ 165	40
BL (Blue)	200 (±15)	≈ 330	80
RD (Red)	300 (±20)	≈ 495	120
YW (Yellow)	450 (±20)	≈ 725	175
(Other forces)	60 - 450	≈ 100 - 725	25 - 175

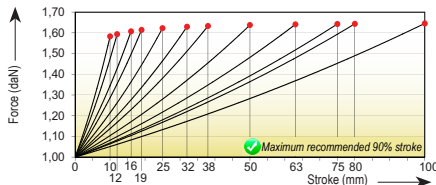
The black color code denotes a different pressure from that which the customer could choose when ordering between the minimum charging pressure (25Bar) and the maximum charging pressure (175Bar). If not otherwise specified, the gas spring will be supplied in the yellow code version.

### How to order

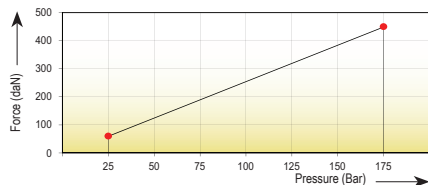
**MICRO 32H x 50 RD**

Model	Stroke	Color code
-------	--------	------------

Force/stroke ratio



Initial force/charging pressure ratio



### Assembly possibilities

