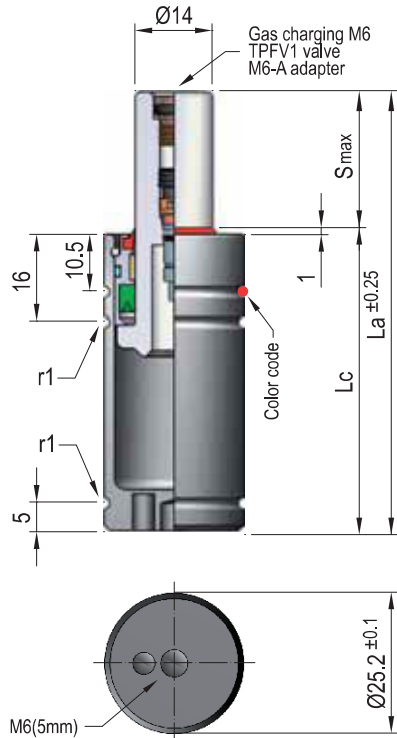
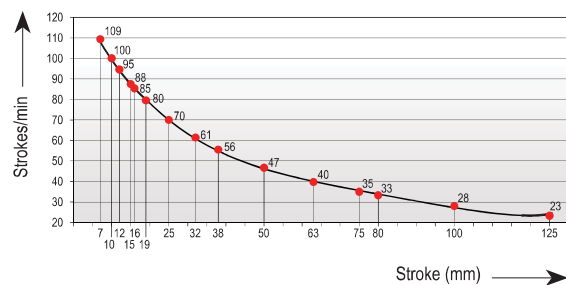




i Pressure medium	Gas Nitrógeno (N ₂)
Max. charging pressure	175 Bar
Min. charging pressure	50 Bar
Rod seal area	1,54 cm ²
Operating temperature	0°C - 80°C
Force increase by temperature	0,33 %/°C
Max. stem speed	0,8 m/s
Maintenance kit	Kit MH25



Maximum strokes / minute



Code	Smax mm	La mm	Lc mm	V l	Kg
MICRO 25Hx7	6,5	44	37	0,003	0,08
MICRO 25Hx10	9,5	50	40	0,004	0,10
MICRO 25Hx12	11,5	54	42	0,005	0,10
MICRO 25Hx15	14,5	60	45	0,006	0,11
MICRO 25Hx16	15,5	62	46	0,007	0,11
MICRO 25Hx19	18,5	68	49	0,008	0,12
MICRO 25Hx25	24,5	80	55	0,010	0,13
MICRO 25Hx32	31,5	94	62	0,013	0,14
MICRO 25Hx38	37,5	106	68	0,016	0,15
MICRO 25Hx50	49,5	130	80	0,021	0,17
MICRO 25Hx63	62,5	156	93	0,026	0,20
MICRO 25Hx75	74,5	185	110	0,033	0,21
MICRO 25Hx80	79,5	190	110	0,033	0,22
MICRO 25Hx80B	79,5	195	115	0,035	0,23
MICRO 25Hx100	99,5	235	135	0,041	0,27
MICRO 25Hx125	124,5	285	160	0,052	0,30

Color code	Fa daN	Fc daN	P Bar
GR (Green)	100 (±10)	≈ 160	65
BL (Blue)	150 (±10)	≈ 245	100
RD (Red)	200 (±15)	≈ 315	130
YW (Yellow)	275 (±20)	≈ 425	175
(Other forces)	75 - 275	≈ 120 - 425	50 - 175

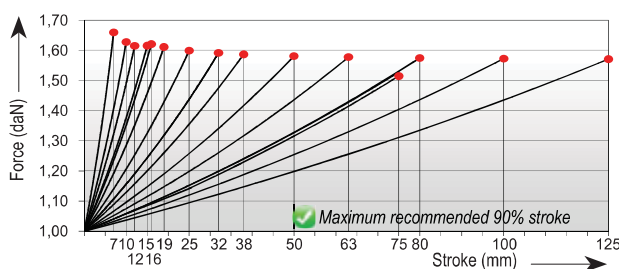
The black color code denotes a different pressure from that which the customer could choose when ordering between the minimum charging pressure (50Bar) and the maximum charging pressure (175Bar). If not otherwise specified, the gas spring will be supplied in the yellow code version.

How to order

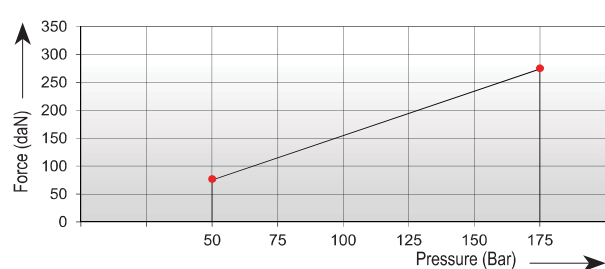
MICRO 25H x 50 RD

Model Stroke Color code

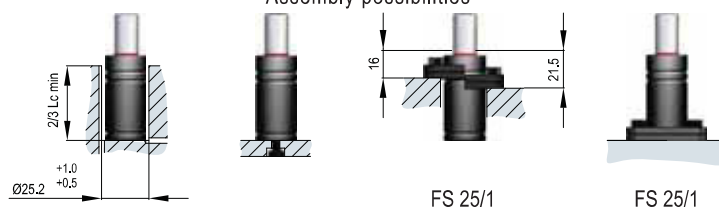
Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



FS 25/1

FS 25/1