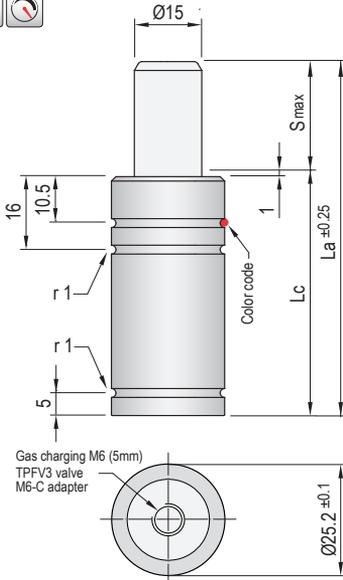
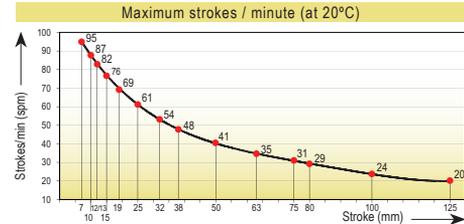


VDI SAFETY



Pressure medium	Nitrogen (N ₂)
Max. charging pressure	170 Bar
Min. charging pressure	30 Bar
Rod seal area	1,77 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 M25V1

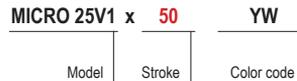


Code	Smax mm	La mm	Lc mm	V l	Kg
MICRO 25V1x7	7	44	37	0,004	0,10
MICRO 25V1x10	10	50	40	0,005	0,12
MICRO 25V1x12	12	54	42	0,006	0,13
MICRO 25V1x13	13	56	43	0,006	0,13
MICRO 25V1x15	15	60	45	0,007	0,14
MICRO 25V1x19	19	68	49	0,009	0,15
MICRO 25V1x25	25	80	55	0,011	0,16
MICRO 25V1x32	32	94	62	0,014	0,17
MICRO 25V1x38	38	106	68	0,016	0,19
MICRO 25V1x50	50	130	80	0,021	0,22
MICRO 25V1x63	63	156	93	0,026	0,25
MICRO 25V1x75	75	185	110	0,031	0,26
MICRO 25V1x80	80	195	115	0,033	0,27
MICRO 25V1x100	100	235	135	0,041	0,34
MICRO 25V1x125	125	285	160	0,051	0,37

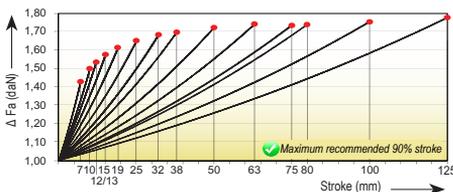
Color code	Fa daN	90% F daN	P Bar
GR (Green)	100 (±10)	≈ 150	55
BL (Blue)	150 (±10)	≈ 235	85
RD (Red)	200 (±15)	≈ 300	110
YW (Yellow)	300 (±20)	≈ 465	170
(Other forces)	50 - 300	≈ 90 - 465	30 - 170

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).

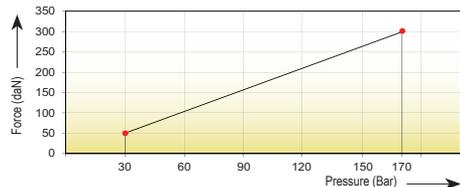
How to order



Force/stroke ratio



Initial force/charging pressure ratio



Assembly possibilities



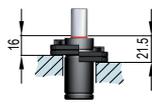
Follow guidelines
Page 287



DROP-IN



SCREWS



FS 25/1-FS 25/2



FS 25/1-FS 25/2

MICRO

TITAN

TPH

TPS

TPSP

TPF

TPK

TPC

TPR

TPB

TPHC

TPA

TPG

TPCT

TPSL

STOP CYLINDER

STOP CYLINDER

TPSR

TPSRS

TPNS

TPHT

