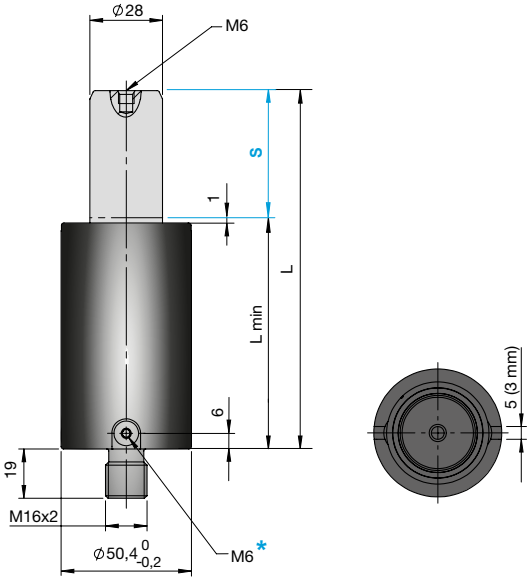
8



XMS-1000

Gas spring

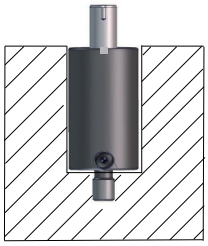


Norm: VDI 3003
T: < 80 °C

S = stroke
** Charge port*

S	L ± 0.25	L min	bar	F1 [daN]	F2 [daN]	m [kg]	V [L]	Order No.
13	64	51	150	920	1380	0.50	0.03	XMS-1000-13
16	70	54	150	920	1380	0.52	0.04	XMS-1000-16
19	76	57	150	920	1400	0.54	0.04	XMS-1000-19
25	88	63	150	920	1420	0.59	0.05	XMS-1000-25
32	102	70	150	920	1430	0.64	0.06	XMS-1000-32
38	114	76	150	920	1450	0.70	0.07	XMS-1000-38
50	138	88	150	920	1460	0.79	0.09	XMS-1000-50
63	164	101	150	920	1470	0.89	0.11	XMS-1000-63
75	188	113	150	920	1470	0.99	0.13	XMS-1000-75
80	198	118	150	920	1480	1.03	0.14	XMS-1000-80
100	238	138	150	920	1480	1.19	0.17	XMS-1000-100
125	288	163	150	920	1480	1.39	0.21	XMS-1000-125

INSTALLATION VARIANTS



Technical information	
Pressure medium	N_2
Max. filling pressure (at 20 °C)	150 bar
Min. filling pressure (at 20 °C)	25 bar
Operating temperature	0 °C - 80 °C
Force increase by temperature	0,3 % / 1 °C
Max. piston rod velocity	1,6 m/s
Recommended max strokes / min (at 20° C)	~ 15 - 40
Repair kit	3018847