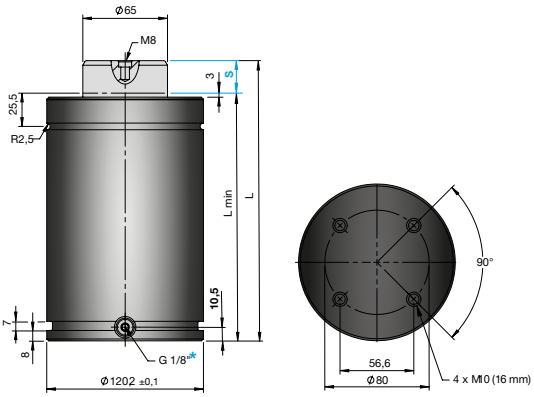


TU-5000

Gas spring Standard Line



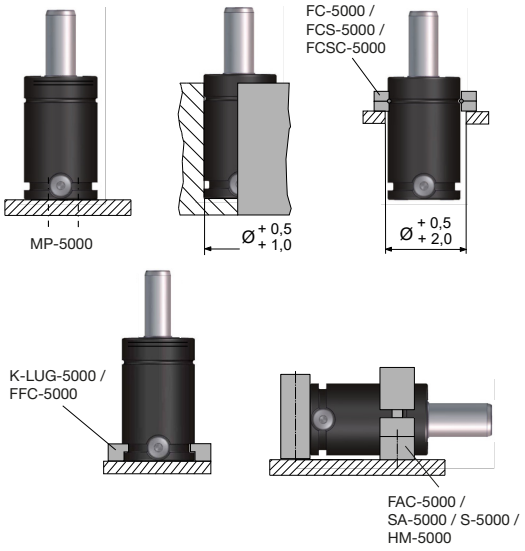
Norm: ISO 11901-1
VDI 3003
39D878
B2 4005
B2 4006

T: < 80 °C

S = stroke
** Charge port*

S1	S	L ± 0.25	L min	bar	F1 [daN]	F2 [daN]	m [kg]	V [L]	Order No.
25	25	190.0	165.0	150	5000	7100	12.4	0.32	TU-5000-25
38	38.1	216.2	178.1	150	5000	7500	13.1	0.42	TU-5000-38
50	50	240.0	190.0	150	5000	7700	13.7	0.51	TU-5000-50
64	63.5	267.0	203.5	150	5000	8000	14.4	0.60	TU-5000-64
80	80	300.0	220.0	150	5000	8100	15.3	0.73	TU-5000-80
100	100	340.0	240.0	150	5000	8200	16.4	0.89	TU-5000-100
125	125	390.0	265.0	150	5000	8200	17.7	1.09	TU-5000-125
160	160	460.0	300.0	150	5000	8300	19.6	1.36	TU-5000-160
175	175	490.0	315.0	150	5000	8400	20.4	1.49	TU-5000-175
200	200	540.0	340.0	150	5000	8400	21.7	1.68	TU-5000-200
225	225	590.0	365.0	150	5000	8400	22.1	1.88	TU-5000-225
250	250	640.0	390.0	150	5000	8400	22.4	2.07	TU-5000-250
300	300	740.0	440.0	150	5000	8400	27.1	2.46	TU-5000-300

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	3018876

D 3002B 03.2025