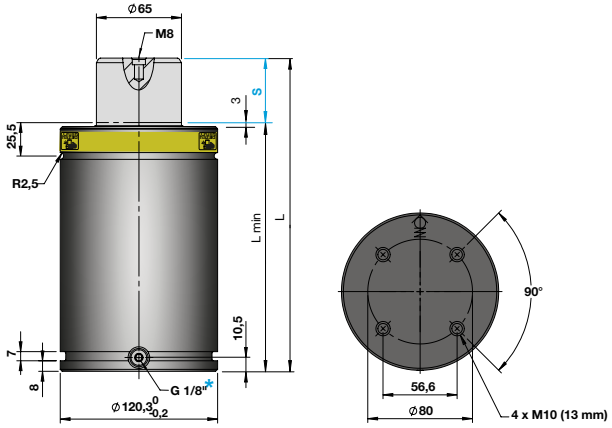
DS-5000

Gas spring

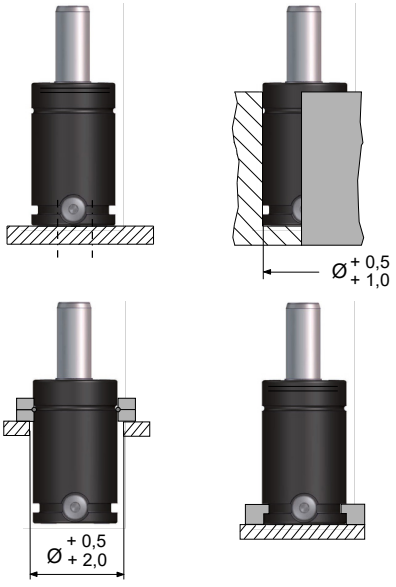
T: < 80 °C



S = stroke
** Charge port*

S1	S	L ± 0.25	L min	bar	F1 [daN]	F2 [daN]	m [kg]	V [L]	Order No.
50	50	240	190	150	5000	8200	12.07	0.7	DS-5000-50
64	63.5	267	203	150	5000	8200	12.99	0.8	DS-5000-64
80	80	300	220	150	5000	8200	14.05	0.9	DS-5000-80
100	100	340	240	150	5000	8200	15.11	0.9	DS-5000-100
125	125	390	265	150	5000	8200	16.44	1.1	DS-5000-125
160	160	460	300	150	5000	8200	18.31	1.3	DS-5000-160
200	200	540	340	150	5000	8200	20.46	1.4	DS-5000-200
250	250	640	390	150	5000	8200	23.09	1.7	DS-5000-250
300	300	740	440	150	5000	8200	25.75	1.9	DS-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)	~ 20 - 50
Repair kit	3026826

D 3002B 03.2025