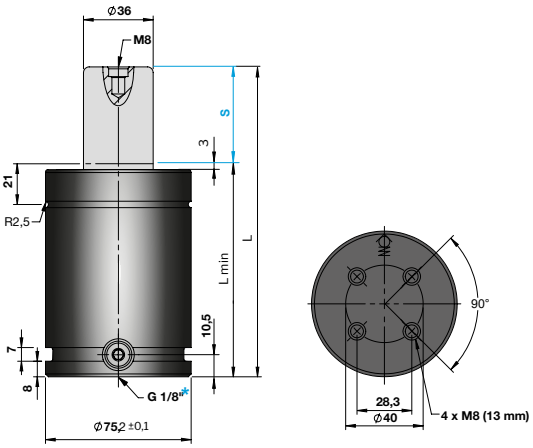


TL-1500

Gas spring

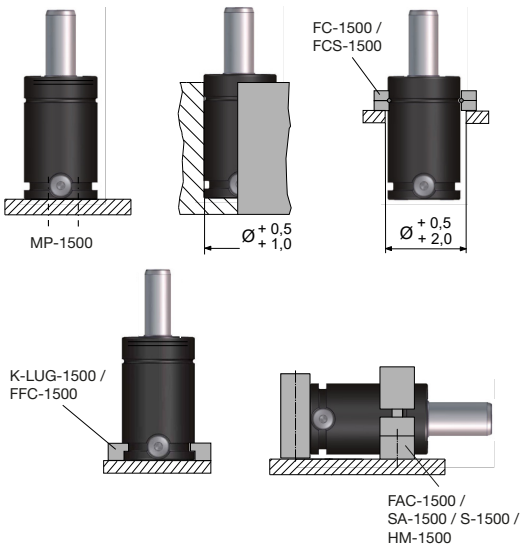
T: < 80 °C



S = stroke
** Charge port*

S1	S	L ± 0.25	L min	bar	F1 [daN]	F2 [daN]	m [kg]	V [L]	Order No.
13	12.5	110	97.5	150	1500	1800	2.65	0.11	TL-1500-13
25	25	135	110	150	1500	1920	2.88	0.15	TL-1500-25
38	37.5	160	122.5	150	1500	2000	3.11	0.19	TL-1500-38
50	50	185	135	150	1500	2040	3.34	0.23	TL-1500-50
63	62.5	210	147.5	150	1500	2070	3.57	0.27	TL-1500-63
75	75	235	160	150	1500	2090	3.88	0.31	TL-1500-75
80	80	245	165	150	1500	2100	3.89	0.33	TL-1500-80
88	87.5	260	172.5	150	1500	2110	4.03	0.35	TL-1500-88
100	100	285	185	150	1500	2120	4.26	0.39	TL-1500-100
113	112.5	310	197.5	150	1500	2140	4.49	0.43	TL-1500-113
125	125	335	210	150	1500	2150	4.71	0.47	TL-1500-125
138	137.5	360	222.5	150	1500	2200	4.94	0.49	TL-1500-138
150	150	385	235	150	1500	2200	5.17	0.52	TL-1500-150
160	160	405	245	150	1500	2210	5.36	0.56	TL-1500-160
175	175	435	260	150	1500	2210	5.63	0.60	TL-1500-175
200	200	485	285	150	1500	2210	6.09	0.68	TL-1500-200
225	225	535	310	150	1500	2220	6.55	0.76	TL-1500-225
250	250	585	335	150	1500	2220	7.01	0.84	TL-1500-250

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	3024144