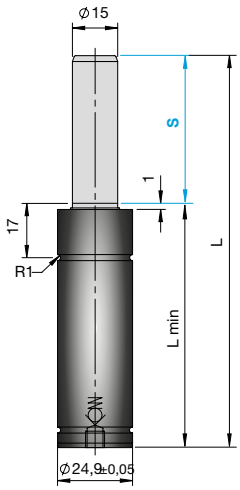
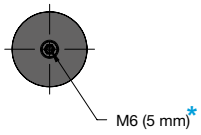


X-320

Gas spring Power Line



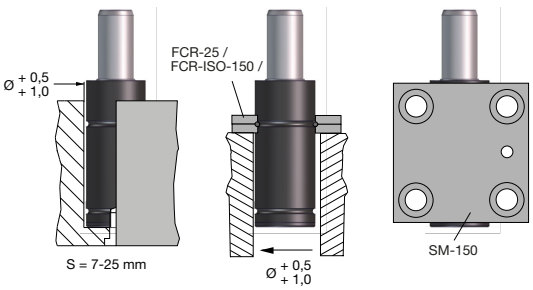


Norm: 39D997
T: < 80 °C

S = stroke
** Charge port*

S	L ± 0.25	L min	bar	F1 [daN]	F2 [daN]	m [kg]	V [L]	Order No.
7	44	37	180	320	480	0.10	0.004	X-320-7
10	50	40	180	320	490	0.11	0.005	X-320-10
15	60	45	180	320	510	0.12	0.007	X-320-15
19	68	49	180	320	510	0.13	0.008	X-320-19
25	80	55	180	320	520	0.14	0.011	X-320-25
32	94	62	180	320	530	0.15	0.014	X-320-32
38	106	68	180	320	530	0.16	0.017	X-320-38
50	130	80	180	320	530	0.19	0.022	X-320-50
63	156	93	180	320	530	0.21	0.028	X-320-63
75	185	110	180	320	530	0.24	0.034	X-320-75
80	195	115	180	320	530	0.25	0.036	X-320-80
100	235	135	180	320	530	0.29	0.044	X-320-100
125	285	160	180	320	530	0.33	0.055	X-320-125

INSTALLATION VARIANTS



Technical information	
Pressure medium	N_2
Max. filling pressure (at 20 °C)	180 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)	~ 50 - 100
Repair kit	-

D 3002B 03.2025