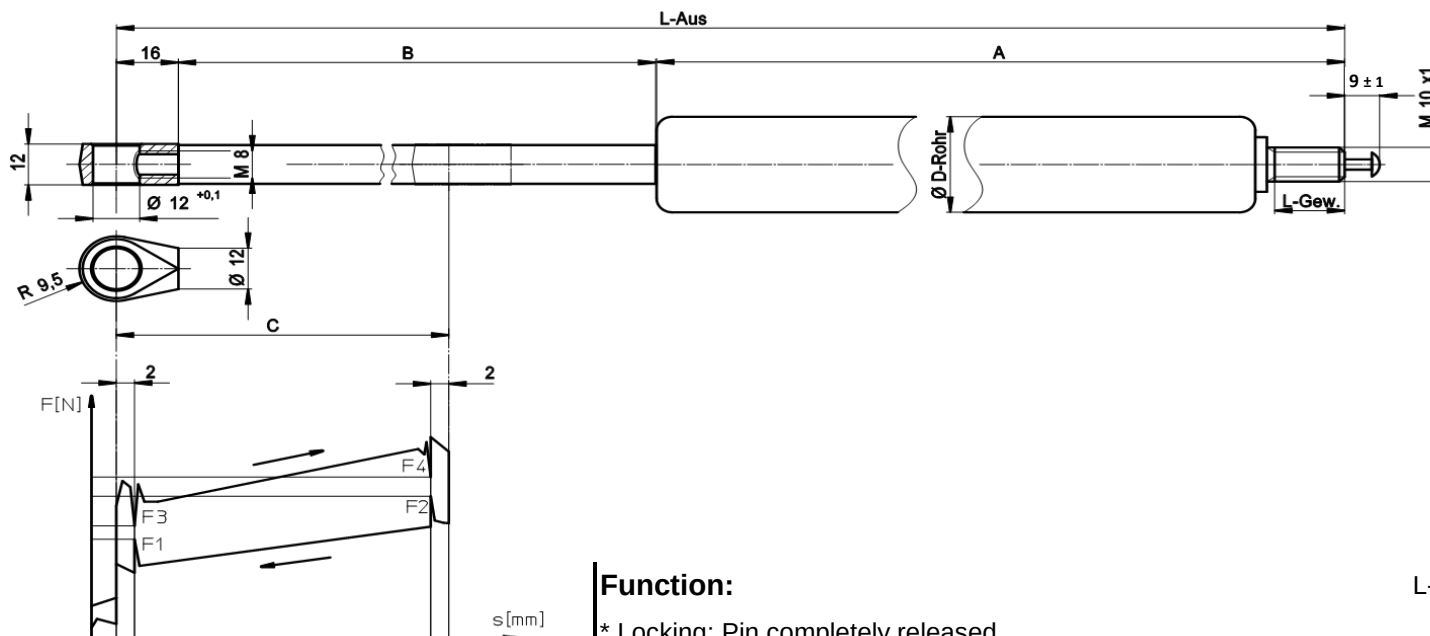




Dimensions without tolerance:
up to 20mm $\pm 0,2$ / bigger than 20mm $\pm 0,3$

Information to surfaces:

- * Tube painted black (RAL 9005)
- * piston rod chrome coated
- * Corrosion resistance 120 hrs., tested acc. to DIN EN ISO 6270-2 CH, without functional changes

Installation instructions:

- * Installation with piston rod pointing downward
- * Application temperature range from -30°C to 80 °C
- * Unlocking under block load not permitted!
- * Please protect gas cylinder, piston rod and seal assembly against contamination and mechanical damage
- * When installed, no side loads should act on the gas cylinder!
- * Before disposing of the gas cylinder it must be depressurized!
- * Consider storage information F_287 & disposal information AW_302

Function:

- * Locking: Pin completely released
- * Unlocking: Activate release pin

Information about forces:

- * Slide in force and extension force measured at 20°C with piston rod pointing downward
- * F1 to F4 are static forces, measuring points approached at 8,33 mm/s

Locking:

- * Rigidly locking under tension up to 270 N
- * Rigidly locking under compression up to 3000 N

Static load limit in locked condition:

- * Max. admissible load under tension 270 N
- * Max. admissible load under compression 3000 N

Drawing is not true to scale

Unspecified dimensions of connection parts
to be taken from 3D data

L-Aus (extended length) [mm]:	393,0	+2,2 -2,2
A-dim [mm]:	250,0	+1,0 -1,0
B-dim [mm]:	127,0	+1 -1
C-dim (rod travel not to exceed) [mm]:	127,0	+2
L-Gew. (Length of thread) [mm]:	18,0	+1 -1
D-Rohr (Tube dia.) [mm]:	28	+0,5 -0,2
F1[N]:	270	+50 -20
F4 [N]:	(515)	
release-travel gas spring [max. mm]:	3,5	
release-force gas spring [max. N]:	125	
Progressivity (i.e. F2/F1) [--]:	(~1,44)	
Cross section of damping [mm²]:	(1,5)	
Extension speed [m/s]:	(0,18)	

This drawing is our property! Without our approval it should not be copied, handed over to third parties or subject to any unauthorized use (DIN ISO 16016)



Customer:	-		
designed by:SCM	Designation:	Part No.:	
03.03.2023	18-1-250-127-270N	01800140B	