

We reserve all rights to this drawing, to any patents or registrations related hereto, and to the application of this drawing to third parties and misc. use. Any use of this drawing is not permitted without the written consent of STABILUS.

- The warning label must not be removed or obscured.
- The gas spring must not be mechanically modified or damaged.
- Extension speed VS2=0,1-0,3 (m/s)
- compression and extension forces measured acc. to STAB-Spec. 10009033
- Extension speed measured according to STAB-Spec. 10005451
- Spring test with piston rod downwards
- Line up connections permissible deviation  $\pm 5$  DEG
- Protect piston rod from dirt, paint and damage
- Disposal acc. to STAB-Spec. 10009375
- Drawing not true-to-scale
- Observe installation instructions according to STAB-Spec. 10005593
- Ball socket to suit ball stud DIN 71803  $\varnothing 10$
- Disassemble ball-socket to STAB-Spec. 10006399
- Permissible operating temperature range  $-30^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$
- Installation: With piston rod down to ensure best possible durability performanc of the gas spring.

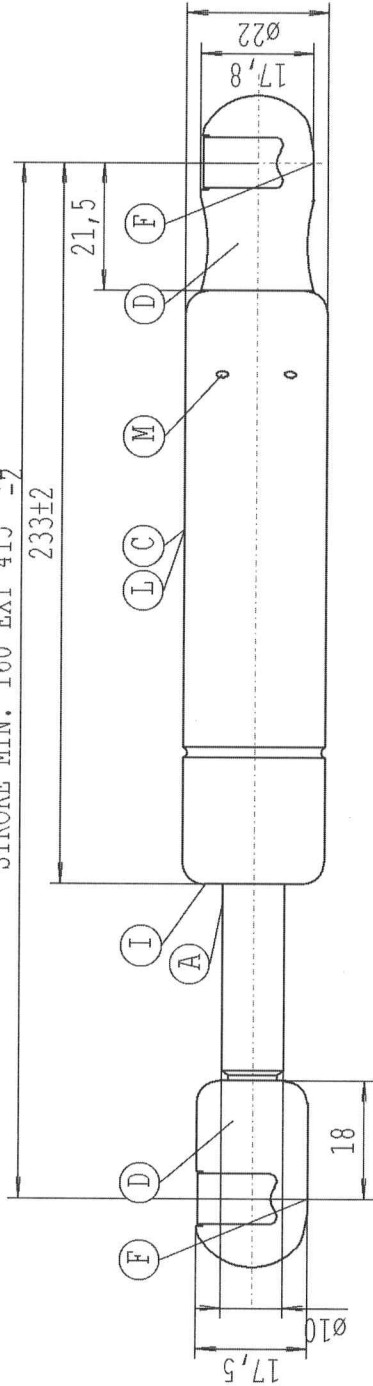
**Only for information**  
Print-out is not subject to the modification service

**STABILUS**

Modifications in favour of technical process reserved

DRAWING CHECKED  
DATE 03.02.2005 NAME SCHNASS

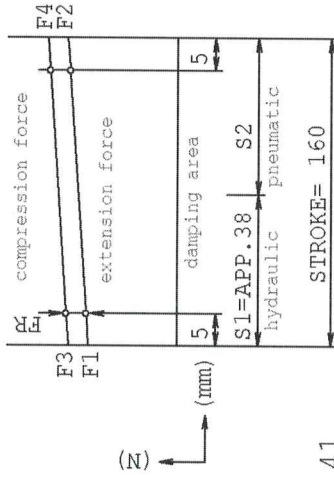
STROKE MIN. 160 EXT 415  $\pm 3$   
233 $\pm 2$



**STABILUS  
LIFT-O-MAT**

NICHT OEFFNEN HOHER DRUCK  
DO NOT OPEN HIGH PRESSURE  
STABILUS STANDARD

Intended for internal use  
and customer



$X = F2 / F1 = 1,41$   
 $FR_{max} = F3 - F1$

Forces (statically measured)

F1 (N)	F4 max (N)	FR max (N)
extension force	compression force	friction
1000 $\pm$ 50	1640	80

- A Nislide black
- C print white
- D Releasing torque min. 3.0 Nm
- F greased
- I border flange oiled
- L black painted
- M links permissible

CHANGE  
NEW  
OLD  
CHG.NO.  
NAME  
NO.

DIMENSIONS WITH-  
OUT TOLERANCE

**LIFT-O-MAT**

+/-1 03 01 1019 15 162