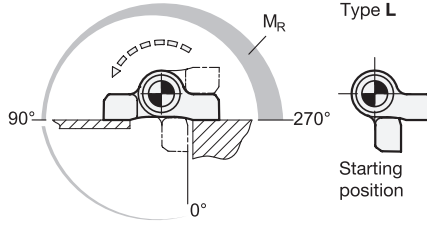
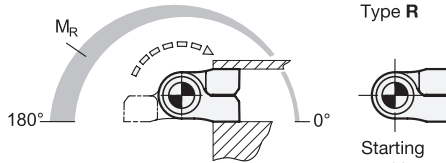


Bore for socket cap screw DIN 912



Type L



Type R



ELESA original design CFMR.

3 Type

- O without spring-loaded return
- L Spring-loaded return, left
- R Spring-loaded return, right

4 Identification no.

- 1 light spring load
- 2 heavy spring load

1 **2**

| l_1 | l_2 | d_1 | d_2 | h_1 | h_2 | h_3 | l_3 | m_1 | m_2 | max. restoring torque M_R in Nm | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------------|----------------------|
| | | | | | | | | | | Identification no. 1 | Identification no. 2 |
| 55 | 67 | 6,5 | 10 | 24 | 12,5 | 6,3 | 12,5 | 38 | 48 | 0,35 | 0,7 |

Specification

- Plastic (Polyamide PA-HP)
 - glass fiber reinforced
 - temperature resistant up to 60 °C
 - black, matte **SW**
- Pin
Aluminum
- Shaft cover
Plastic (Polyacetal POM)
black
- Torsion spring
Stainless Steel
- *Plastic characteristics* → Page 1483
- *Load rating information* → Page XYZ
- RoHS

5

Information

GN 233.3 hinges with spring-loaded return allow doors to be automatically opened and closed by means of the torsion spring.

The restoring torque varies with the opening angle of the hinge. Endurance tests have shown that the torque does not change even after 100.000 opening / closing cycles.

The following table shows the relationship between the opening angle and restoring torque. The indicated maximum opening angle should not be exceeded.

| Restoring torque M_R in Nm (Type L) | | | | Restoring torque M_R in Nm (Type R) | | |
|---------------------------------------|----|------|------|---------------------------------------|------|------|
| Id. no. | 0° | 90° | 270° | Id. no. | 0° | 180° |
| 1 | 0 | 0,12 | 0,35 | 1 | 0,12 | 0,35 |
| 2 | 0 | 0,25 | 0,7 | 2 | 0,25 | 0,7 |

see also...

- *List of hinge types* → Page XYZ

How to order (without spring-loaded return)

GN 233.3-55-67-O-SW

- 1 l_1
- 2 l_2
- 3 **Type**
- 5 **Color**

How to order (with spring-loaded return)

GN 233.3-55-67-R-1-SW

- 1 l_1
- 2 l_2
- 3 **Type**
- 4 **Identification no.**
- 5 **Color**