



4 Type
L2 Spring-loaded return, closing, medium spring force
R2 Spring-loaded return, opening, medium spring force

Metric table

Dimensions in: millimeters - inches

2 l_1	3 l_2	d	h_1	h_2	h_3	l_3	m_1	m_2	Max. return torque $M_R \pm 10\%$ in Nm
60 2.36	60 2.36	8.3 0.33	18.5 0.73	7.5 0.30	9.5 0.37	20 0.79	36 1.42	36 1.42	1

Specification

- Body
Zinc die-cast **ZD**
Powder coated
Black, RAL 9005, textured finish **●SW**
Silver, RAL 9006, textured finish **●SR**
- Spring guide / cover cap
Plastic
Technopolymer (Polyacetal POM)
Temperature resistant up to 176 °F (80 °C)
- Torsion spring
Spring steel
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

Accessory

- Spacer plates GN 2370 → page 1380
- Spacer plates with tapped holes GN 2372 → page 1381

Information

GN 437.3 hinges with a spring-loaded return allow doors to be automatically opened or closed by means of the torsion spring.

The return torque varies with the hinge opening angle. 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 the return torque.

Return torque $M_R \pm 10\%$ in Nm			
0°	90°	180°	270°
0.25	0.5	0.75	1

see also...

- *List of Hinge Types* → page 1324
- *Hinges EN 233.3 (Technopolymer Plastic, with Spring-Loaded Return)* → page 1423
- *Hinges GN 437.1* → page 1337

How to order	
1 Material	
2 Width l_1	
3 Length l_2	
4 Type	
5 Color	

1 2 3 4 5

GN 437.3-ZD-60-60-L2-SR