



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

**Metric table**

Dimensions in: millimeters - inches

<sup>2</sup> l <sub>1</sub>	<sup>3</sup> l <sub>2</sub>	d	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	l <sub>3</sub>	m <sub>1</sub>	m <sub>2</sub>	Max. return torque M <sub>R</sub> ± 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 <sub>R</sub> ± 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	
<sup>1</sup>	Material
<sup>2</sup>	Width l <sub>1</sub>
<sup>3</sup>	Length l <sub>2</sub>
<sup>4</sup>	Type
<sup>5</sup>	Color

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