SWS HARDWARE

Tel: 01626 333900
Email: info@swshardware.com



# Torque Hinge with Built in Damper inc Black Covers - 34.7 - 51 Torque kgf.cm

**Variant code: HG-JHM16-50BL**

**Torque Hinge with Built-in Damper** is a premium **soft-closing lid hinge** designed to provide smooth, controlled lid movement while preventing sudden slamming. Featuring an integrated damping mechanism and supplied with **black cover caps**, this **mortise-mount hinge** offers a clean, concealed appearance while delivering reliable performance for furniture, storage compartments and specialist enclosure applications.

Engineered with a **torque range of 34.7-51 kgf·cm**, the hinge provides controlled resistance throughout the lid movement, gently slowing the closing action to protect both the lid and surrounding structure from impact. The integrated damper eliminates the need for additional soft-close devices, simplifying installation while improving user safety and comfort.

Designed for mortise mounting, the hinge creates a discreet, flush installation suitable for modern furniture and cabinetry. A **colour marking on the hinge edge** enables quick model identification during installation and maintenance, making it easier to select the correct torque specification where multiple hinge models are used.

## Product Features

- Built-in soft-closing damper
- Mortise-mount hinge design
- Supplied with black cover caps
- Torque rating: **34.7-51 kgf·cm**
- Helps prevent lids from slamming shut
- Integrated damping mechanism
- Colour marking on hinge edge for easy model identification
- Durable precision-engineered construction
- Genuine Sugatsune hardware

## Product Benefits

- Provides smooth, controlled lid closing
- Reduces impact, noise and wear caused by slamming

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- Improves user safety by controlling lid movement
- Eliminates the need for separate soft-close devices
- Clean concealed appearance after installation
- Simplifies maintenance through easy model identification

## Technical Characteristics

- **Product Type:** Torque Hinge with Built-in Damper
- **Brand:** Sugatsune
- **Mounting Type:** Mortise Mount
- **Torque Range:** 34.7-51 kgf·cm
- **Closing Function:** Integrated Soft-Close Damper
- **Cover Caps:** Black
- **Identification:** Colour Marking on Hinge Edge
- **Application:** Controlled Lid Support and Soft Closing

## Applications

**Torque Hinge with Built-in Damper** is ideal for **furniture manufacturers, cabinet makers, architectural joinery, marine interiors, medical equipment, storage compartments, display units and industrial enclosures** requiring controlled lid movement. Designed for mortise-mounted installations, it provides smooth, quiet closing while helping protect lids, hinges and surrounding furniture from repeated impact and wear.

| Property | Value |
|---|---|
| Finish | Black |
| Width (mm) | 54 |
| Length (mm) | 50mm when closed |
| Height (mm) | 21.5 |
| Material | Aluminum, Polyacetal, Abs |
| Max. Panel Thickness (mm) | 20 |
| Min. Panel Thickness (mm) | 6 |
| Weight (g) | 91 |
| Fasteners Size | 4 x 20 mm |

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| Property | Value |
| --- | --- |
| Fasteners Type | Self Tapping Screw |
| Min. Torque (kgf-cm,Pr) | 34.7 |
| Mounting Type | Mortise mount |