SWS HARDWARE
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Torque Hinge with Built-in Damper & Black Covers - 61.2-81.6 kgfÂ·cm

Variant code: HG-JHM20-80BL

Torque Hinge with Built-in Damper is a premium **soft-closing lid hinge** engineered to provide controlled lid movement while preventing sudden slamming. Supplied with **black cover caps**, this **mortise-mount hinge** combines an integrated damping mechanism with a high torque rating, making it ideal for heavier lids used in furniture, storage compartments, equipment enclosures and specialist applications.

With a **torque range of 61.2-81.6 kgf·cm**, the hinge delivers smooth, controlled resistance throughout the closing cycle, helping to minimise impact, reduce noise and protect both the lid and surrounding structure from damage. The integrated damper removes the need for separate soft-close devices, simplifying installation while improving safety and user comfort.

Designed for mortise mounting, the hinge provides a discreet, flush installation that complements modern cabinetry and equipment. A **colour marking on the hinge edge** allows quick identification of the torque model during installation and maintenance, making it easy to distinguish between different hinge specifications.

Product Features

- Built-in soft-closing damper
- Mortise-mount hinge design
- Supplied with black cover caps
- Torque rating: **61.2-81.6 kgf·cm**
- Prevents lids from slamming shut
- Integrated damping mechanism
- Colour marking on hinge edge for easy model identification
- Concealed, flush installation
- Durable precision-engineered construction
- Genuine Sugatsune hardware

Product Benefits

- Provides smooth, controlled lid movement
- Reduces closing impact, vibration and

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noise
- Protects lids, hinges and surrounding components from wear
- Eliminates the need for separate soft-close mechanisms
- Delivers reliable performance for heavier lid applications
- Long-lasting construction for professional use

Technical Characteristics

- **Product Type:** Torque Hinge with Built-in Damper
- **Brand:** Sugatsune
- **Mounting Type:** Mortise Mount
- **Torque Range:** 61.2-81.6 kgf·cm
- **Closing Function:** Integrated Soft-Close Damper
- **Cover Caps:** Black
- **Identification:** Colour Marking on Hinge Edge
- **Installation:** Mortise Mounted
- **Application:** Controlled Lid Support and Soft Closing

Applications

Torque Hinge with Built-in Damper is ideal for **cabinet makers, furniture manufacturers, marine installers, architectural joiners, medical equipment manufacturers, industrial enclosures, storage compartments and display units** requiring controlled movement of **heavier lids**. Its mortise-mounted design provides a discreet appearance while delivering smooth, quiet and reliable soft-closing performance for demanding residential, commercial and industrial applications.

Property	Value
Finish	Black
Width (mm)	68.5
Length (mm)	54
Height (mm)	40
Material	Aluminum, Polyacetal, Abs
Max. Panel Thickness (mm)	20

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Property	Value
Weight (g)	171
Fasteners Size	4 x 20 mm
Fasteners Type	Self Tapping Screw
Min. Torque (kgf-cm,Pr)	61.2
Max. Torque (Kgf-cm/Pr)	81.6