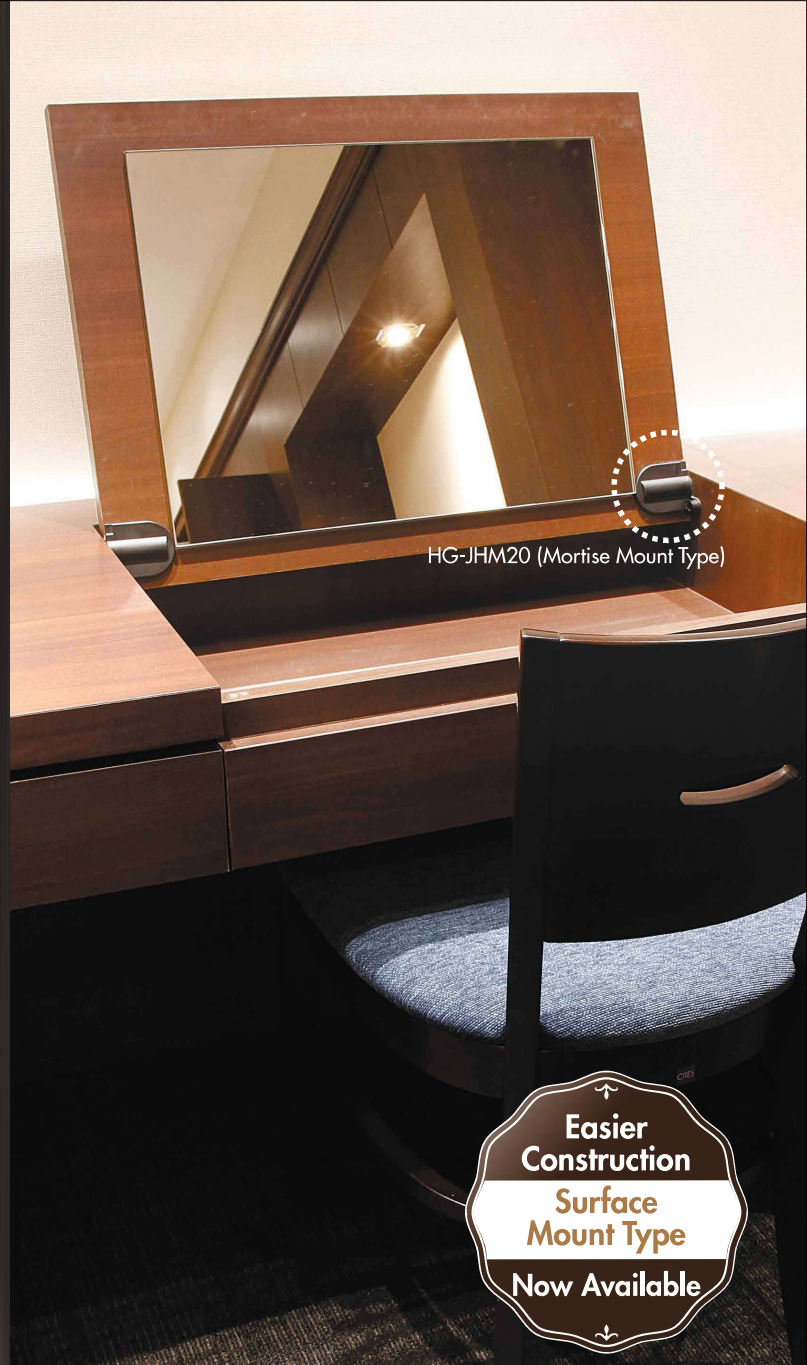
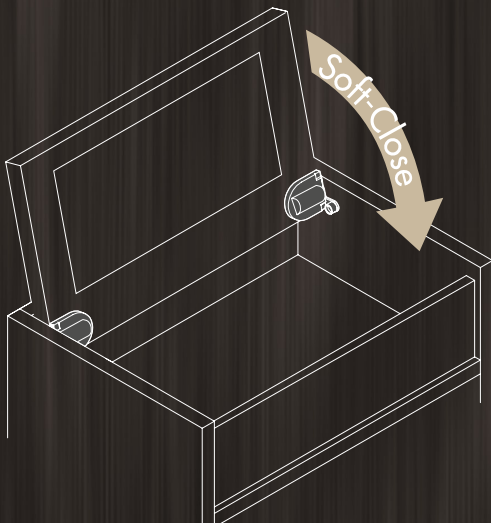


**LAMP®** Damper Hinge  
HG-JHM Series

# Gentle, Quiet, Soft-Close

The soft motion adds a luxurious atmosphere to hotels, stores or your home



HG-JHM20 (Mortise Mount Type)

Easier Construction  
Surface Mount Type  
Now Available

### Damper Hinge HG-JHM Series Line-Up

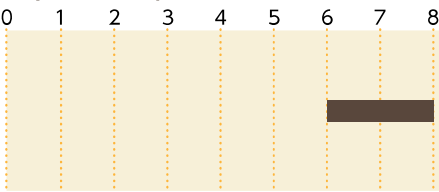
Torque Level Graph

0 1 2 3 4 5 6 7 8 (N·m) One set (left/right)

Surface Mount Type



**HG-JHM20T**  
Lid thickness  
16-20 mm

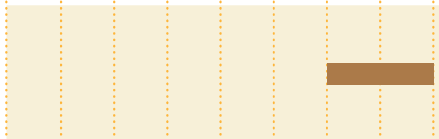


Details on the backside

Mortise Mount Type



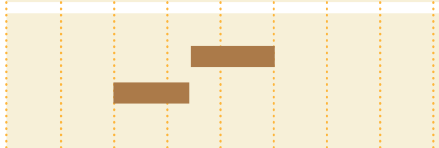
**HG-JHM20-80**  
Lid thickness  
20 mm and above



Details on Catalogue No. 240, p.427



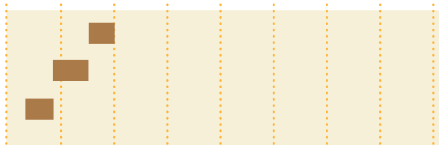
**HG-JHM16-50**  
**HG-JHM16-34**  
Lid thickness  
20 mm and above



Details on Catalogue No. 240, p.426



**HG-JHM14-S20**  
**HG-JHM14-S15**  
**HG-JHM14-S8**  
Lid thickness  
20 mm and above



Details on Catalogue No. 240, p.424

### Motion Design Tech Selection Tool „Sasuga-kun“

This tool can calculate flap/door moment, operating force and more. Just input a few values, such as the weight and dimensions of the flap/door.

From your Computer

Click on the banner on our webpage.



From your Tablet





Set - Black

Sold as one set (left/right) only

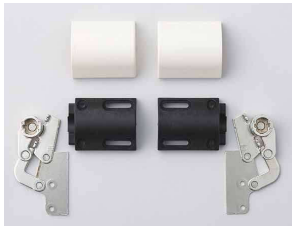
- Our newest addition: surface mount, no cut-out required
- A compact damper hinge with one UDH-Series Lapcon Damper included
- For soft closing and smooth opening
- Upper-Lid inset type
- With cover to hide mounting screws

**Remarks**

- Sold as one set (left/right) only
- Torque values calculated with one set (left/right) used
- Please use within the designated torque values
- Install evenly using a level
- The dampers work when opened above 60°, below that functionality cannot be guaranteed

**Parts Included**

- Bracket screws: 3.5 x 14 cross-head screws (nickel plated), 4 pcs
- Body mounting screws: 3.5 x 20 cross-head screws (nickel plated), 8 pcs



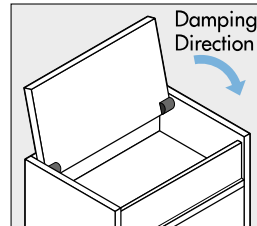
Set - White



Chrome-plated Cover



Construction Example

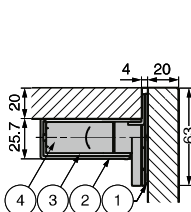


Video Link

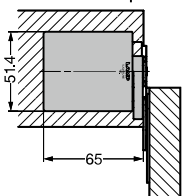
Selection tool Sasuga-kun supported - selection and simulation possible, now on our homepage

**Front View**

When lid is closed

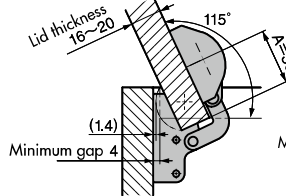


When lid is opened 90°

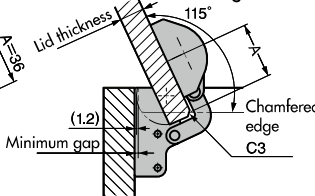


**Installation Example**

Standard



Lid with chamfered edge

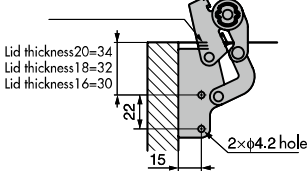


\*Drawing shows the right side, left side symmetrical.

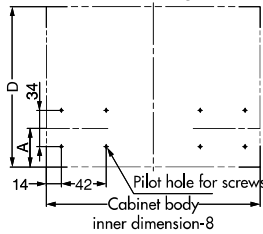
\*With a chamfered edge the minimum gap for opening the lid can be reduced

**Bracket Installation Position**

Installation position mark



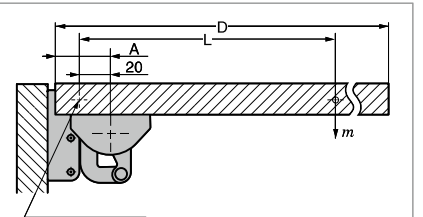
**Installation Drawing**



**Criterion of Lid Weight**

Lid height (D)	Lid height (m)
250	5.61 ~ 7.48 kg
300	4.57 ~ 6.09 kg
350	3.85 ~ 5.13 kg
400	3.33 ~ 4.43 kg
450	2.93 ~ 3.90 kg

Lid thickness	Standard		Chamfered Edge	
	A	Minimum gap	A	Minimum gap
16	36	4	38	2
18			37	3
20			-	-



Calculation of Maximum Torque Moment (if using uniform materials)

T : Lid torque moment (N \* m)

m : Lid weight (kg)

L : Length from the centre of an axis to centre of gravity (mm) (Assuming the centre of gravity is in the middle of the lid)

D : Lid height (mm)

A : Depends on the installation method (mm) (For A 36mm-38mm can be estimated)

\* If installing a mirror on top of the lid, or if the lid is made of non-uniform materials, please use the Sasuga-kun tool on our webpage to determine the centre of gravity and torque moment.

No.	Part Name	Material	Finish / Colour
①	Bracket	Polyacetal (POM)	Nickel Plated
②	Body	Steel / Zinc Alloy	Black
③	Cover	ABS	Black/White/Chrome Plated
④	Lapcon Damper	-	Right bearing: Grey, Left: Natural

RoHS	CAD	Item Code	Item Name	Colour	Torque Moment (N*m)	Torque Moment (kgf*cm)	Marking Colour
		170-036-328	HG-JHM20T-80BL	Black	6-8	61.2-81-6	Yellow
		170-036-329	HG-JHM20T-80WT	White			
		170-036-839	HG-JHM20T-80CR	Chrome Plated			

The product descriptions in this catalogue refer to the material quality of our components only. We cannot guarantee functionality, performance or safety of any products our parts are used in.

**German Office**

SUGATSUNE EUROPE GMBH  
Heerdter Lohweg 87-89  
D-40549 Düsseldorf  
Germany

Tel.: +49 (0)211 53812 900  
Fax: +49 (0)211 53812 901  
E-mail: sales@sugatsune.eu  
Website: www.sugatsune.eu

**Head Office**

SUGATSUNE KOGYO CO., LTD.  
Tokyo, JAPAN

Tel.: +81 (0)3 3866 2260  
Fax: +81 (0)3 3866 4447  
E-mail: export@sugatsune.co.jp  
Website: www.sugatsune-intl.com