

SOFT-CLOSE DAMPENING HINGE



HG-JHM16

Light Type



- Hinge with built-in damper to keep lid from slamming shut.
- Mortise mount type.
- Ideal for small size lid.
- Sold in pairs.
- Torque Calculation:

$$T = m \times 9.8 \times L$$

T: Max. lid torque (cN.m)

m: Lid weight (kg)

L: Length from axis to center of gravity of the lid (cm)

$$L = D/2 - A$$

D: Lid length (cm)

A: Length from axis to the edge of the lid (cm)

Example:

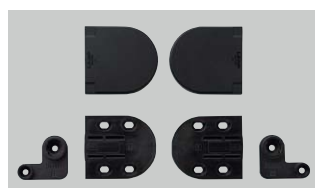
D=43 cm, A=3.2 cm, m=2.78 kg

$$T = 2.78 \times 9.8 \times (43/2 - 3.2) = 499 \text{ (cN.m)} = 5.0 \text{ (N.m)}$$

* Please see diagram below for applicable torque moment.

* Please specify face plate color when ordering.

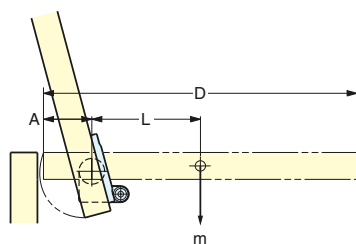
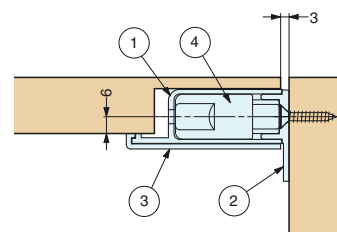
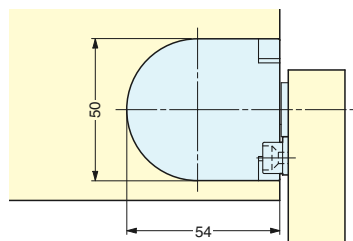
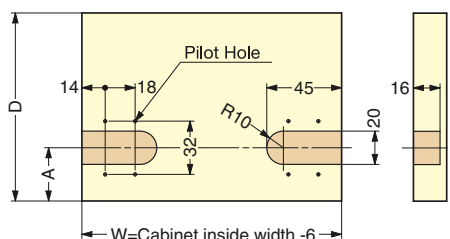
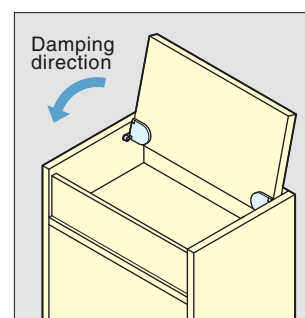
* Please install Left and Right brackets on correct side.



Black Set



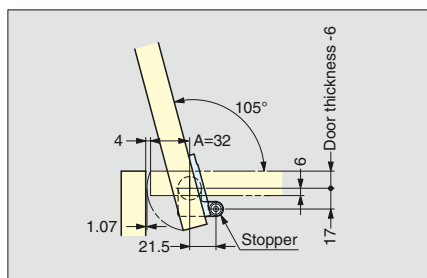
White Set



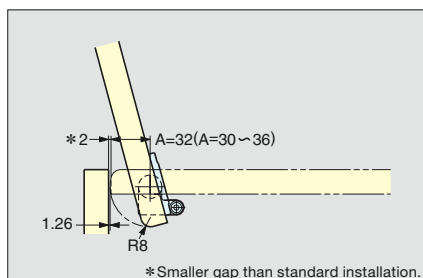
■ Criterion of Door Weight

Door Height	Door Weight	
	HG-JHM16-34	HG-JHM16-50
250	2.19 ~ 3.73 kg	3.73 ~ 5.48 kg
300	1.73 ~ 2.94 kg	2.94 ~ 4.32 kg
350	1.43 ~ 2.42 kg	2.42 ~ 3.57 kg
400	1.21 ~ 2.06 kg	2.06 ~ 3.03 kg
450	1.06 ~ 1.80 kg	1.80 ~ 2.64 kg

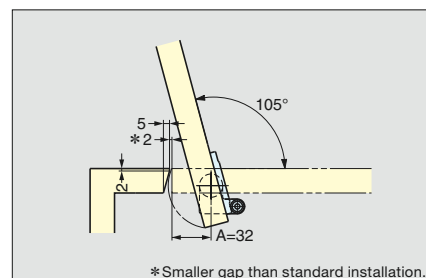
No.	Part Name	Material	Colour
①	Bracket	Polyacetal	Black
②	Strike	Aluminium Alloy	Baking Finish/Black
③	Cover	ABS	Matt/Black or White
④	Damper	—	—



Standard Installation



Installation with Rounded Lid Edge



Installation with Inclined Edge

Item No.	Cover Plate	Torque per pair (cN·m)	Torque per pair (kgf·cm)	Weight (g)	Box (pcs)	Carton (pcs)
HG-JHM16-34BL	Black	200 ~ 340	20.4 ~ 34.7	103	10	120
HG-JHM16-34WT	White					
HG-JHM16-50BL	Black	340 ~ 500	34.7 ~ 51.0			
HG-JHM16-50WT	White					