

SOFT-CLOSE DAMPENING HINGE



HG-JHM20

Heavy Type



PAT

- 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=45 cm, A=3.6 cm, m=4.32 kg

$$T = 4.32 \times 9.8 \times (45/2 - 3.6) = 800 \text{ (cN.m)} = 8.0 \text{ (N.m)}$$

* Please see diagram below for applicable torque moment.

* Please specify face plate color when ordering.

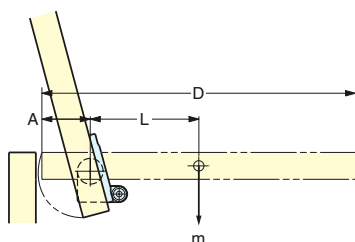
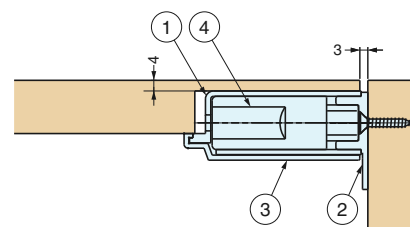
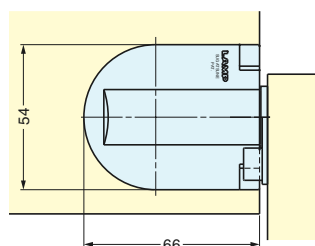
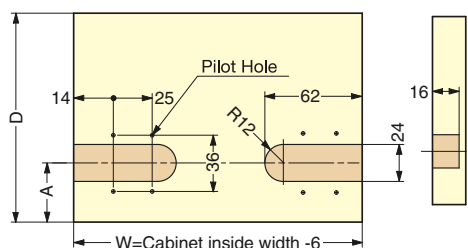
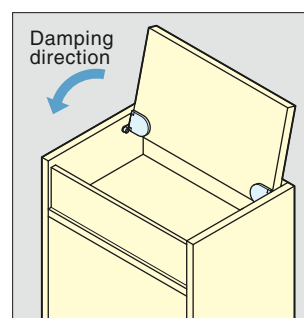
* Please install Left and Right brackets on correct side.



Black Set



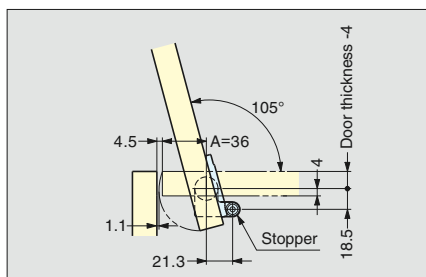
White Set



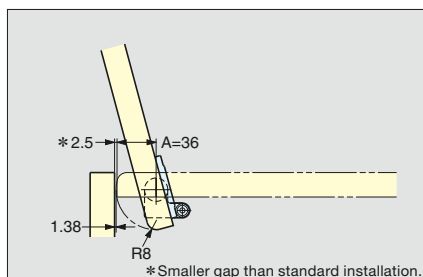
■ Criterion of Door Weight

Door Height	Door Weight
250	6.58 ~ 8.77 kg
300	5.18 ~ 6.91 kg
350	4.28 ~ 5.70 kg
400	3.64 ~ 4.86 kg
450	3.17 ~ 4.23 kg

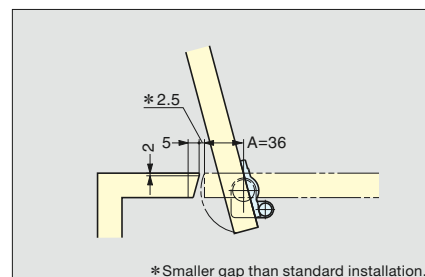
No.	Part Name	Material	Colour
①	Bracket	Polyacetal	Black
②	Strike	Aluminium Alloy	Baking Finish/Black
③	Cover	ABS	Matt/Black or White
④	Damper	—	—



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-JHM20-80BL	Black	600 ~ 800	61.2 ~ 81.6	206	10	90
HG-JHM20-80WT	White					