

Soft-close dampening lift-off hinge

Model: 12-7-4241



- Soft close dampening lift-off hinges: soft-close damper keeps lid from slamming shut. - Sold in pairs (type 1 and type 2).

- Lift-off hinge type 1 has a grey shaft and the damper working direction is clockwise.

- Lift-off hinge type 2 has a white shaft and the damper working direction is counterclockwise (shown on the drawing).

Operating angle: 115°

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- If the opening angle is wider than 115° (+/- 5°), mechanism is broken and damper doesn't work any longer.

Provide a door stopper to prevent from overturning beyond the prescribed angle range.
Do not force the door to close faster in damper effective direction. It can cause damage to the product.

- When the door opening angle is small, the dampers may not work smoothly.

- Torque moment (pair):

- 3 to 5 N.m for part number 12-7-4280.
- 5 to 7 N.m for part number 12-7-4241.

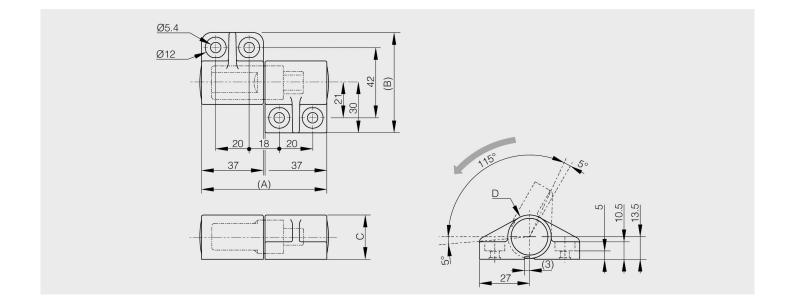
- Torque calculation:

Torque $(N.m) = L(m) \times 1/2 \times W(kg) \times 9.8$ with:

• L = door height in metre.



- W = door weight in kilo.
- Operating temperature: 0 to +40 °C.



Material	polymer
Finish	dark grey
A (length)	75
D (pin diameter)	26
B (width)	60
С	26.5
Weight (g)	180
Opening angle	115
Note	Sold in pairs.



Material	polymer
Functions	torque damper
Torque	5 - 7 N.m / paire