



SOFT-CLOSE DAMPENING LIFT-OFF HINGE

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 counter-clockwise (shown on the drawing).
- Operating angle: 115°.
- 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) = $L \text{ (m)} \times \frac{1}{2} \times W \text{ (kg)} \times 9.8$ with:
 - L = door height in metre.
 - W = door weight in kilo.
- Operating temperature: 0 to +40°C.

A (length)	75 mm
Note	sold in pairs
Material	polymer
Weight (g)	180 g
Torque	5 - 7 N.m / par
B (width)	60 mm
C	26.5 mm
D (pin diameter)	26 mm
Finish	dark grey

