Soft-close dampening hinge in stainless steel

Model : 75-1-0003

- Soft-close dampening hinge: soft-close damper keeps lid from slamming shut when the hinge is put in the closed position.
- Damper working direction: shown by the arrow in 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 (for one hinge): 2.2 to 3.0 N.m.
- Torque calculation:

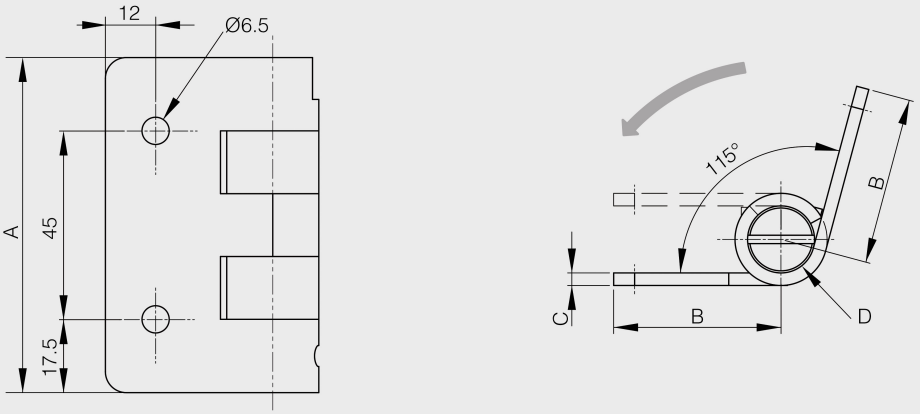
Torque (N.m) = L (m) x 1/2 x W (kg) x 9.8 with:

• L = door height in metre.
• W = door weight in kilo.

- Operating temperature: 0 to + 40°C.
- Soft close of a door (vertical application): door closing system.

A similar hinge with a spring can be used: put together with a dampening hinge, an

automatic soft close of a door is possible without any other component.
Please ask us for more information.



Material	304 stainless steel
Finish	raw
A (length)	80
D (pin diameter)	16
B (width)	40
C	3
Weight (g)	300
Opening angle	115
Note	Damper working direction for closing
Material	stainless steel
Functions	torque damper

Torque	2.2 - 3.0 N.m