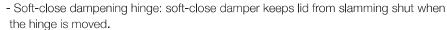


Aluminium range - Hinges

Hinges with dual function

Soft-close dampening hinges in aluminium







- 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): 2.5 to 4.5 N.m.
- Torque calculation:

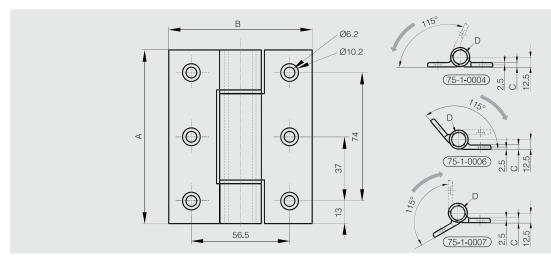
Torque (N.m) = L (m) \times 1/2 \times W (kg) \times 9.8 with:

- L = door height in metre.
- W = door weight in kilo.
- Operating temperature: 0 to +40°C.
- Soft close of a door (vertical application): door closing system.

Put together with a spring hinge with same dimension (72-1-4231 or 72-1-4232), an automatic soft close of a door is possible without any other component.

Please ask us for more information.

	Part number	Material	Finish	Α	В	С	D	Torque	Note	Weight (g)
	75-1-0004	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction	175
									when opening the hinge	
	75-1-0006	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction	175
	75-1-0006								when closing the hinge	
NEW	75-1-0007	6082 T5 alu	clear anodised	100	82.5	5.5	18	2.5 - 4.5 N.m	Damper working direction	179
									when closing the hinge	







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