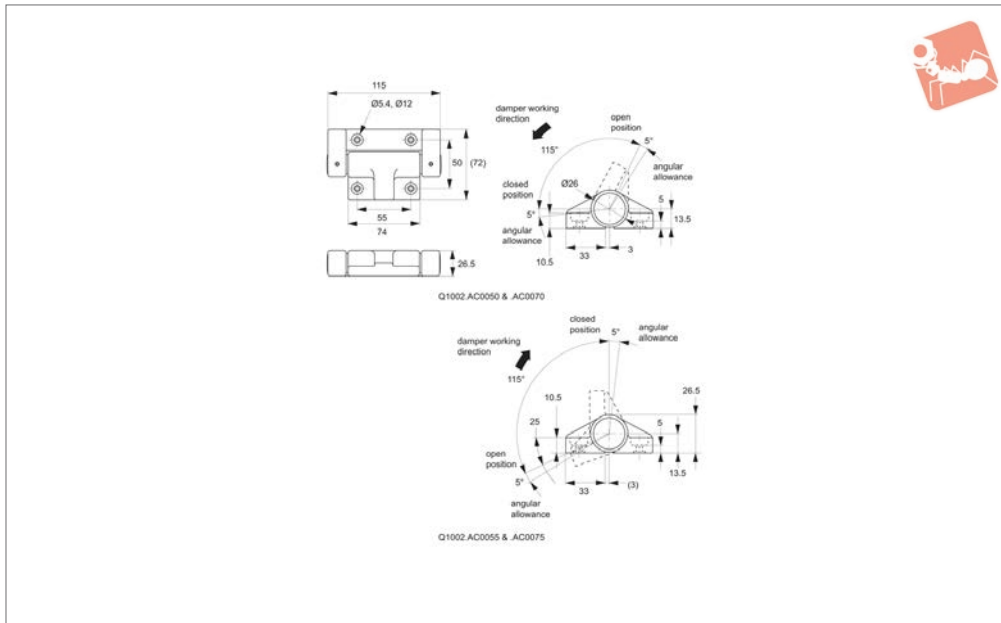




Soft Closing Hinge - Complete with torque dampers - 115° operating angle

Torque Dampers



Q1002

TORQUE DAMPERS

Material

Body: stainless steel, AISI 304. Pin: PBT plastic.

Bracket: PBT plastic with polypropylene cap.

Technical Notes

115° operating angle, additional 5° dead angle at start/end position.

Tested to over 100,000 cycles.
Temperature range -20° to 60°C.

Tips

Provide smooth and quiet motion of lids, covers etc. Ideal for special purpose machines, air conditioning units etc. For further details of torque damper used in hinge refer to part Q0400.

Sold as individual piece.

Important Notes

Torque calculation:

$T \text{ (Kgf.cm)} = W \text{ (Kg)} \times 0.5 \times H \text{ (cm)}$.
W (Kg) is weight of cover/lid, H (cm) is distance between fulcrum and cover/lid's opening edge.

Order No.	Damping direction	Contains damper	Damping action	Operating angle	Torque/pair kgf/cm
Q1002.AC0050	Anti-Clockwise	1 off Q0400.AC0010 & Q0400.AC0110	Closing	115°	60 - 100
Q1002.AC0055	Anti-Clockwise	1 off Q0400.AC0010 & Q0400.AC0110	Opening	115°	60 - 100
Q1002.AC0070	Clockwise	1 off Q0400.AC0020 & Q0400.AC0120	Closing	115°	100 - 140
Q1002.AC0075	Clockwise	1 off Q0400.AC0020 & Q0400.AC0120	Opening	115°	100 - 140

