chanhvinh.com



AH-2E Hinge

Position control · Constant torque

- **Smooth, zero backlash operation**
- **Space efficient design provides high torque in minimum space**
- **Constant torque, never needs adjusting**

Material and Finish

Aluminium alloy and steel, natural

Performance Details

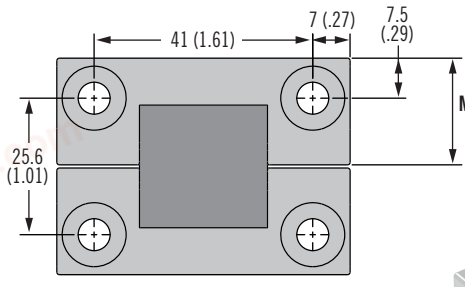
Radial load:
Maximum static load: 650 N @ 100mm from hinge axis (145 lbf 4")

Axial load:
Maximum static load: 1500 N (330 lbf)

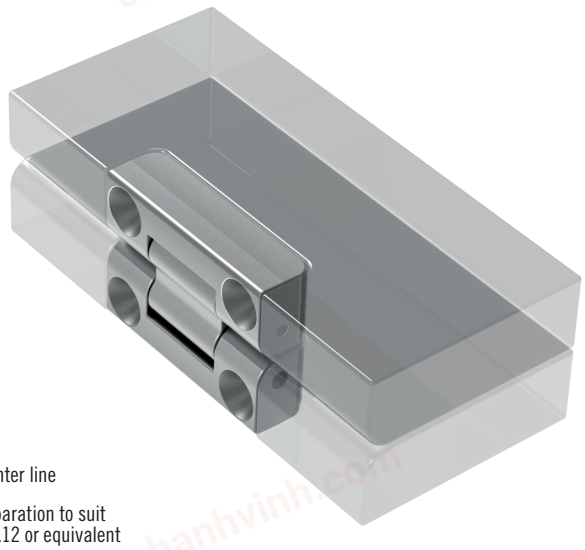
Cycle performance:
20,000 cycles within ±20% of static torque specification

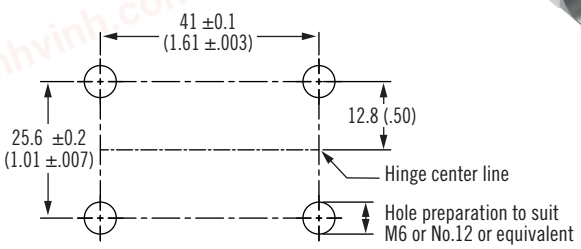
Installation Notes

Install hinge using 2x M6 or No 12 CSK screws or equivalent (not supplied). Ensure substrate and screw length is suitable for required application strength

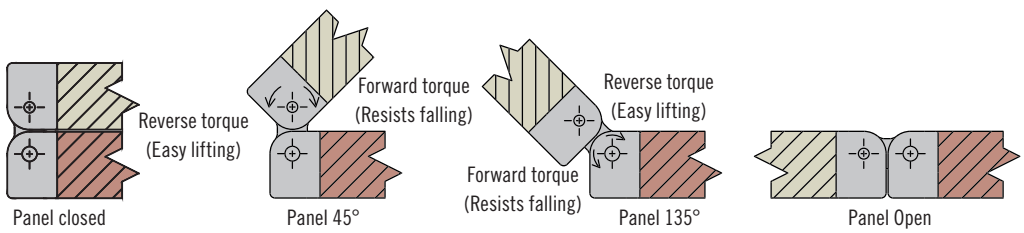


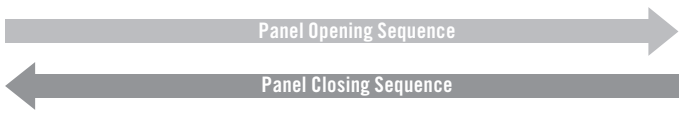






Panel Preparation





Part Number Selection

See table

AH - 2E - 20 XX A 2 - FF

FF Finish
- **50** Black anodised
- **63** Natural aluminium
- **70** Silver electroplated

XX Torque

Torque	Forward Torque N·m (in·lbf)	Reverse Torque N·m (in·lbf)
00	Free Operating	
12	1.5 (13.2)	1.1 (9.7) (REF)
16	1.8 (16)	1.3 (11.5) (REF)
20	2 (17.7)	1.5 (13.2) (REF)
24	2.2 (19.4)	1.6 (14) (REF)

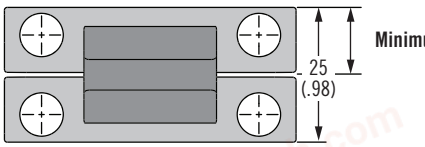
Dimensions in millimeters (inch) unless otherwise stated

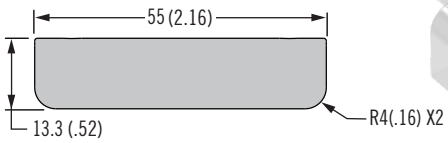
chanhvinh.com

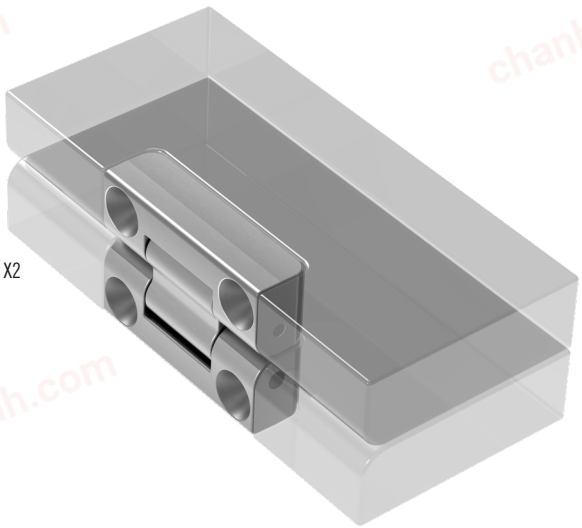
AH-2E Hinge

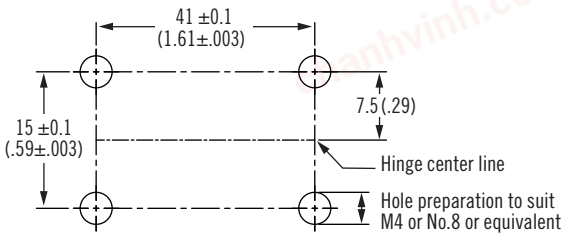
Position control · Constant torque



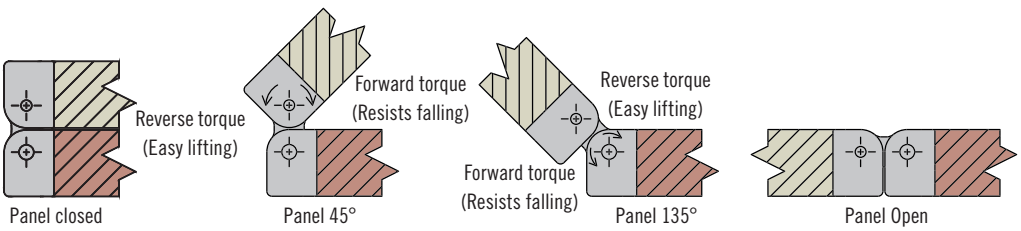


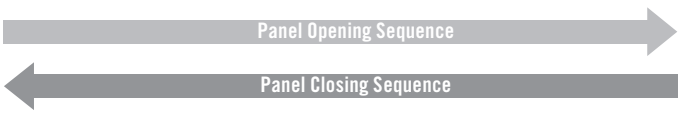






Panel Preparation





AH - 2E - 12 XX A 2 - FF

FF Finish
24 Stainless steel

XX Torque

Torque	Symmetric Torque N·m (in·lbf)
00	Free Operating
04	0.3 (2.7)
08	0.6 (5.3)
12	1 (8.8)

- **Smooth, zero backlash operation**
- **Space efficient design provides high torque in minimum space**
- **Constant torque, never needs adjusting**

Material and Finish

Stainless steel and steel

Performance Details

Cycle performance:
20,000 cycles within ±20% of static torque specification

Installation Notes

Install hinge using 4x M4 or No 8 CSK screws or equivalent (not supplied). Ensure substrate and screw length is suitable for required application strength

Part Number Selection

See table

Dimensions in millimeters (inch) unless otherwise stated