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

Part Number Selection
See table

AH - 2E - 20 XX A 2 - FF

Finish
50 Black anodised
63 Natural aluminium
70 Silver electroplated

<table>
<thead>
<tr>
<th>Torque</th>
<th>Forward Torque N·m (in-lbf)</th>
<th>Reverse Torque N·m (in-lbf)</th>
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</thead>
<tbody>
<tr>
<td>00</td>
<td>Free Operating</td>
<td>1.1 (9.7) (REF)</td>
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<tr>
<td>12</td>
<td>1.5 (13.2)</td>
<td>1.1 (9.7) (REF)</td>
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<tr>
<td>16</td>
<td>1.8 (16)</td>
<td>1.3 (11.5) (REF)</td>
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<tr>
<td>20</td>
<td>2.2 (19.4)</td>
<td>1.5 (13.2) (REF)</td>
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<tr>
<td>24</td>
<td></td>
<td>1.6 (14) (REF)</td>
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</tbody>
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Dimensions in millimeters (inch) unless otherwise stated