The Eddy Current Damper is a rate-limiting device that has been successfully applied in solar array and antenna deployment, boom deployment, backup release mechanisms and door/cover deployments. The Damper has a proven record of long life in space, exhibiting smooth operation and excellent thermal stability. Moog Eddy Current Dampers have been used on the Space Shuttle’s RMS End Effector, Topex-Poseidon’s antenna deployment, DMSP’s mast deployment, RADARSAT’s wing deployment, FORTE mast deployment, HotBird solar array deployment, Space Station’s RMS hinge and JEM End Effector and many other applications.

AVAILABLE FEATURES

• Continuous Rotation
• High Torque Capacity
• Low Temperature Sensitivity
• User-Adjustable Damping Rates
## EDDY CURRENT DAMPER

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Damping Rate (lb-in/°R)</td>
<td>6,000 to 12,000</td>
</tr>
<tr>
<td>Torque Capability (lb-in)</td>
<td>700</td>
</tr>
<tr>
<td>Weight (lb)</td>
<td>1.7</td>
</tr>
</tbody>
</table>

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Equipment described herein falls under the jurisdiction of the EAR and may require US Government Authorization for export purposes. Diversion contrary to US law is prohibited.

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