General Information:
All of RPM’s Standard Products are designed using COTS (Commercial Off-The-Shelf) components wherever possible. Standard products are easily modified to meet almost any specification. Custom designs, are available on request or as specifications dictate.

Standard Features:
- Totally Enclosed, Environmentally Sealed
- Corrosion Resistant Hardware
- Designed to Military Requirements
- Design to Service Requirements

Available on Select Models:
- Rotary Joints, Slip Ring, Waveguide
- Hand Crank, AZ Mechanical Stop
- Integral Controller
- Stow Pins, Failsafe Brakes
- Manual / Electronic Brake Release
- Alternate Mounting
- Dual and/or Antenna Polarization Drive

Dimensions:

Parameters:

<table>
<thead>
<tr>
<th>Fixed</th>
<th>Azimuth</th>
<th>Elevation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Gear Strength</td>
<td>478 lb-ft</td>
<td>344 lb-ft</td>
</tr>
<tr>
<td>Compliance</td>
<td>6.00E-06 rad/lb-ft</td>
<td>6.00E-06 rad/lb-ft</td>
</tr>
<tr>
<td>Overturn Moment</td>
<td>10,230 ft-lb</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variable</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Size</td>
<td>50 Watt DC</td>
<td>50 Watt DC</td>
</tr>
<tr>
<td>Drive Configuration</td>
<td>Gear Drive, Single</td>
<td>Gear Drive, Single</td>
</tr>
<tr>
<td>Torque, Continuous</td>
<td>150 lb-ft</td>
<td>150 lb-ft</td>
</tr>
<tr>
<td>Torque, Peak</td>
<td>300 lb-ft</td>
<td>215 lb-ft</td>
</tr>
<tr>
<td>Gear Ratio</td>
<td>1000 : 1</td>
<td>720 : 1</td>
</tr>
<tr>
<td>Travel</td>
<td>Continuous 360°</td>
<td>-25° to 130°</td>
</tr>
<tr>
<td>Max Velocity</td>
<td>25 °/s</td>
<td>25 °/s</td>
</tr>
<tr>
<td>Max Acceleration</td>
<td>100 °/s²</td>
<td>100 °/s²</td>
</tr>
<tr>
<td>Backlash</td>
<td>&lt; 0.03°</td>
<td>&lt; 0.03°</td>
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<tr>
<td>Data Package</td>
<td>3 Arc-Min Resolver</td>
<td>3 Arc-Min Resolver</td>
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<tr>
<td>Limit Switches</td>
<td>NONE</td>
<td>PRIMARY/SECONDARY</td>
</tr>
<tr>
<td>Weight</td>
<td>385 lbs</td>
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</tbody>
</table>

Notes:
1) Variable parameters may be changed by revising component selection to be more suitable for your particular application
2) Specifications subject to change without notice.