

View Online at <https://aerobasegroup.com/nsn/5905-00-985-3142>

**Section Quantity:**

4

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 2.8740 inches and 2.8750 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

Between 3.460 inches and 3.522 inches

**Undercut Diameter:**

Between 2.820 inches and 2.825 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

3.016 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Body Length:**

2.741 inches

**Overall Diameter:**

3.256 inches

**Mounting Lip Diameter:**

3.0000 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

345.0

**Maximum Starting Torque:**

3.60 inch-ounces

**Maximum Running Torque:**

2.50 inch-ounces

**Shaft End Play:**

0.0035 inches

**Shaft Runout:**

0.001 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

5.0 kilohms all sections

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 all sections

**Ambient Temperature In Deg Celsius Per Section At Zero Percent Rated Power:**

125.0 all sections

**Power Dissipation Rating Per Section In Watts:**

5.0 free air all sections

**Function Conformity Per Section:**

All sections absolute linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 4th section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

All sections graph

**Ambient Temperature In Deg Celsius Per Section At Full Rated Power:**

40.0 all sections

**Test Data Document:**

10001-1225779 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

12 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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