

View Online at <https://aerobasegroup.com/nsn/5905-00-250-7987>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.5620 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

1.562 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

1.750 inches

**Shaft Diameter:**

0.2497 inches

**Shaft Length:**

0.625 inches

**Body Length:**

0.990 inches

**Mounting Lip Diameter:**

1.7500 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

350.0

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

2.00 inch-ounces

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.005 inches

**Pilot Diameter Runout:**

0.0015 inches

**Shaft Radial Play:**

0.002 inches

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

20.0 kilohms all sections

**Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:**

5.4 2nd section and 10.8 2nd section and 21.6 2nd section and 54.0 2nd section and 118.0 2nd section and 129.6 2nd section and 180.0 2nd section and 185.4 2nd section and 190.8 2nd section and 201.6 2nd section and 234.0 2nd section and 298.8 2nd section and 309.6 2nd section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 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:**

8.0 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

9 1st section

**Tap Location Tolerance Per Section:**

-0.5/+0.5 degrees angular rotation all sections

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 all sections

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

All sections linear

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

70.0 all sections

**Terminal Type And Quantity:**

28 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

1000-0