

View Online at <https://aerobasegroup.com/nsn/5905-01-089-8722>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

2.8750 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

2.850 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

3.000 inches

**Shaft Diameter:**

Between 0.1869 inches and 0.1872 inches

**Shaft Length:**

0.630 inches

**Body Length:**

0.970 inches

**Mounting Lip Diameter:**

3.0000 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:**

351.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

1.00 inch-ounces

**Shaft End Play:**

0.002 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.1

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

10.0 kilohms single section

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

175.5 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.05/+0.05 single section

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

125.0 single section

**Temperature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:**

-100.0/+100.0 single section

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

7.0 free air single section

**Function Conformity Per Section:**

Single section absolute linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-0.5/+0.5 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section linear

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

60.0 single section

**Terminal Type And Quantity:**

4 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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