

View Online at <https://aerobasegroup.com/nsn/5905-00-851-8212>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.7500 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

2.500 inches

**Undercut Diameter:**

0.750 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

0.875 inches

**Shaft Diameter:**

Between 0.1248 inches and 0.125 inches

**Shaft Length:**

0.375 inches

**Body Length:**

1.750 inches

**Overall Diameter:**

1.376 inches

**Mounting Lip Diameter:**

0.8750 inches

**Mounting Lip Depth:**

0.0620 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

354.0

**Maximum Starting Torque:**

0.45 inch-ounces

**Maximum Running Torque:**

0.45 inch-ounces

**Shaft End Play:**

0.002 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.003 inches

**Fragility Factor:**

Moderately delicate

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

5.0 percent, rated amperes c and better select

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 2nd section

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

90.0 all sections

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

-35.0/+35.0 2nd section

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

1.0 7th secondary finish

**Function Conformity Per Section:**

3rd section zero based linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

All sections linear

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

40.0 all sections

**Unpackaged Unit Weight:**

1.50 ounces

**Terminal Type And Quantity:**

9 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A002a0