

View Online at <https://aerobasegroup.com/nsn/5905-01-017-4881>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.3120 inches and 1.3125 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

1.313 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

1.468 inches

**Shaft Diameter:**

Between 0.2494 inches and 0.250 inches

**Shaft Length:**

1.000 inches

**Body Length:**

1.062 inches

**Mounting Lip Diameter:**

Between 1.4270 inches and 1.4420 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round

**Actuator Type:**

Single shaft

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

350.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.75 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.1

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

2.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 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:**

-50.0/+50.0 single section

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

2.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-1.0/+1.0 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:**

70.0 single section

**Test Data Document:**

81349-mil-r-12934 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

3 turret

**Specification Data:**

81349-mil-r-12934/19 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

N

**Fig:**

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