

View Online at <https://aerobasegroup.com/nsn/5905-01-029-8611>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.5610 inches and 1.5620 inches

**Pilot Length:**

Between 0.0350 inches and 0.0670 inches

**Overall Length:**

2.660 inches

**Undercut Diameter:**

1.800 inches

**Undercut Width:**

0.0550 inches

**Body Diameter:**

1.750 inches

**Mounting Hole Diameter:**

0.125 inches

**Angle Of Mounting Hole In Deg:**

120.0

**Angle Between Centerlines Of Mounting Holes In Deg:**

1.4

**Shaft Diameter:**

Between 0.249 inches and 0.250 inches

**Shaft Length:**

0.660 inches

**Body Length:**

2.067 inches

**Overall Diameter:**

1.800 inches

**Mounting Lip Diameter:**

1.7500 inches

**Mounting Lip Depth:**

Between 0.0550 inches and 0.0670 inches

**Mounting Hole/stud Circle Diameter:**

120.000 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

360.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.20 inch-ounces

**Maximum Stop Torque:**

80.00 inch-ounces

**Nonturn Device Location:**

At 6 oclock

**Nonturn Device Radius:**

0.281 inches

**Shaft End Play:**

0.002 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.001 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.05

**Fragility Factor:**

Moderately rugged

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Humidity proof

**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:**

-0.25/+0.25 all sections

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

125.0 all sections

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

-70.0/+70.0 all sections

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

1.5 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

9 oclock 1st primary

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

85.0 all sections

**Unpackaged Unit Weight:**

0.19 pounds

**Terminal Type And Quantity:**

11 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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