

View Online at <https://aerobasegroup.com/nsn/5905-00-920-8976>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.5615 inches and 1.5625 inches

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Overall Length:**

2.500 inches

**First Flat Length:**

0.500 inches

**Flat Height:**

0.190 inches

**Undercut Diameter:**

Between 1.5615 inches and 1.5625 inches

**Undercut Width:**

Between 0.0760 inches and 0.0810 inches

**Body Diameter:**

1.810 inches

**Angle Of Mounting Hole In Deg:**

30.0

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

180.0

**Shaft Diameter:**

Between 0.2496 inches and 0.2498 inches

**Shaft Length:**

0.750 inches

**Body Length:**

1.750 inches

**Overall Diameter:**

2.530 inches

**Mounting Lip Diameter:**

Between 1.8000 inches and 1.8200 inches

**Mounting Lip Depth:**

0.0590 mils and 0.0650 centimeters

**Mounting Hole/stud Circle Diameter:**

1.250 inches

**Shaft Style:**

Round, flatted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

1440.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Maximum Running Torque:**

0.40 inch-ounces

**Maximum Stop Torque:**

500.00 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.5

**Terminal Location:**

Longitudinally positioned on the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

1.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

1440.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

125.0 single section

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

1.0 7th secondary quality

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

7 o'clock all primaries

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

-20.0/+20.0 single section

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

85.0 single section

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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