

View Online at <https://aerobasegroup.com/nsn/5905-00-521-0298>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.9688 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

2.150 inches

**Undercut Diameter:**

0.96880 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

1.062 inches

**Shaft Diameter:**

0.1248 inches

**Shaft Length:**

Between 0.218 inches and 0.402 inches

**Body Length:**

1.530 inches

**Overall Diameter:**

1.208 inches

**Mounting Lip Diameter:**

1.0620 inches

**Mounting Lip Depth:**

0.0620 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Double ended shaft

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

352.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Maximum Running Torque:**

0.30 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.00100 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:**

2.500 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.15/+0.15 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:**

-30.0/+30.0 single section

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

1.5 free air single section

**Function Conformity Per Section:**

Single section absolute linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 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:**

25.0 single section

**Special Features:**

Two additional dummy cups included

**Test Data Document:**

50985-8872600001 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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