

View Online at <https://aerobasegroup.com/nsn/5905-00-257-6816>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.68800 inches

**Pilot Length:**

0.06200 inches

**Overall Length:**

2.437 inches

**Undercut Diameter:**

1.688 inches

**Undercut Width:**

0.06200 inches

**Body Diameter:**

3.000 inches

**Angle Of Mounting Hole In Deg:**

120.0

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

120.0

**Shaft Diameter:**

0.375 inches

**Shaft Length:**

0.625 inches

**Body Length:**

1.812 inches

**Overall Diameter:**

3.500 inches

**Mounting Lip Diameter:**

2.99900 inches

**Mounting Lip Depth:**

0.06200 inches

**Mounting Hole/stud Circle Diameter:**

0.87500 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

315.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.000 inch-ounces

**Shaft End Play:**

0.00450 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00150 inches

**Shaft Radial Play:**

0.002 inches

**Screw Thread Diameter:**

0.138 inches

**Screw Thread Series Designator:**

Unc

**Screw Thread Qty Per Inch (tpi):**

32.0

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring and threaded hole

**Electrical Resistance Per Section:**

100.000 kilohms single section

**Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:**

158.0 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 single section

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

165.0 single section

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

12.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 ohms single section

**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:**

65.0 single section

**Terminal Type And Quantity:**

4 binding post

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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