

View Online at <https://aerobasegroup.com/nsn/5905-00-556-4648>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.7500 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

1.820 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

2.000 inches

**Angle Of Mounting Hole In Deg:**

90.0

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

120.0

**Shaft Diameter:**

Between 0.2495 inches and 0.2500 inches

**Shaft Length:**

0.750 inches

**Body Length:**

3.531 inches

**Mounting Lip Diameter:**

1.8750 inches

**Mounting Lip Depth:**

0.0620 inches

**Mounting Hole/stud Circle Diameter:**

1.500 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

1.90 inch-ounces

**Maximum Running Torque:**

1.30 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.005 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00150 inches

**Shaft Radial Play:**

0.002 inches

**Screw Thread Diameter:**

0.164 inches

**Screw Thread Series Designator:**

Unc

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

32.0

**Mounting Facility Quantity:**

3

**Terminal Location:**

Longitudinally positioned on the circumference

**Mounting Method:**

Threaded hole

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

5.000 percent, rated amperes c and better finish

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

2542.0 1st section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 1st section

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

80.0 all sections

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

5.0 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

1 1st section

**Tap Location Tolerance Per Section:**

-5.0/+5.0 degrees angular rotation 1st section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 1st section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

All sections linear

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

40.0 all sections

**Terminal Type And Quantity:**

7 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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