

View Online at <https://aerobasegroup.com/nsn/5905-00-106-5175>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

Between 1.594 inches and 1.688 inches

**Body Diameter:**

Between 1.296 inches and 1.328 inches

**Shaft Diameter:**

Between 0.406 inches and 0.407 inches

**Shaft Length:**

Between 0.734 inches and 0.766 inches

**Mounting Bushing Length:**

Between 0.359 inches and 0.391 inches

**Body Length:**

Between 0.718 inches and 0.750 inches

**Overall Diameter:**

1.342 inches

**Shaft Style:**

Round

**Actuator Type:**

Single shaft

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

Between 350.0 and 354.0

**Maximum Starting Torque:**

0.70 inch-ounces

**Maximum Running Torque:**

0.50 inch-ounces

**Nonturn Device Location:**

At 6 oclock

**Nonturn Device Radius:**

Between 0.546 inches and 0.578 inches

**Shaft End Play:**

0.0005 inches

**Shaft Runout:**

0.005 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.0015 inches

**Shaft Radial Play:**

0.004 inches

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Front end

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

20.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

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

85.0 single section

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

2.0 free air single section

**Function Conformity Per Section:**

Single section independent 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

**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:**

40.0 single section

**Terminal Type And Quantity:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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