

View Online at <https://aerobasegroup.com/nsn/5905-01-100-6603>

**Section Quantity:**

2

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

2.697 inches

**Body Diameter:**

1.156 centimeters

**Shaft Diameter:**

Between 0.248 inches and 0.250 inches

**Shaft Length:**

1.375 inches

**Mounting Bushing Length:**

0.250 inches

**Body Length:**

1.312 inches

**Overall Diameter:**

1.812 inches

**Undercut Diameter:**

0.124 mils and 0.126 centimeters

**Shaft Style:**

Round, stepped

**Actuator Type:**

Dual concentric

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

Between 309.0 and 315.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

192.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

0.531 inches

**Mechanical Backlash In Deg Angular Rotation:**

3.0

**Undercut Length:**

0.625 inches

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing

**Cubic Measure:**

1.377 cubic inches

**Electrical Resistance Per Section:**

100.000 percent, rated amperes c and better finish and 10.000 percent, rated amperes c and better industrial clears

**Rotary Actuator Travel In Angular Deg:**

Between 309.0 and 315.0

**Resistance Temperature Characteristic Range Per Section In Percent:**

+0.0/+8.0 -55 degrees celsius 1st section and +0.0/+7.0 -55 degrees celsius 2nd section and +0.0/+3.5 -25 degrees celsius 2nd section and +0.0/+4.0 -25 degrees celsius 1st section and -3.0/+3.0 85 degrees celsius 1st section and -2.5/+2.5 85 degrees celsius 2nd section and +0.0/+6.0 120 degrees celsius 1st section and +0.0/+5.5 120 degrees celsius 2nd section

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

120.0 single section

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

2.25 7th secondary at 10'30 oclock

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 all sections

**Actuator Travel Control Feature:**

Stops

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

70.0 single section

**Standard Taper Curve Per Section:**

A all sections

**Special Features:**

Outer shaft has flat length of 0.468 inches , flat height of 0.218 inches ; inner shaft has flat length of 0.390 inches , flat height of 0.096 inches

**Terminal Type And Quantity:**

6 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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