

View Online at <https://aerobasegroup.com/nsn/5905-00-833-8206>

**Section Quantity:**

2

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

1.160 centimeters

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

1.310 inches

**Mounting Bushing Length:**

0.250 inches

**Body Length:**

0.432 inches

**Undercut Diameter:**

0.125 inches

**Shaft Style:**

Round, stepped

**Actuator Type:**

Dual concentric

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

312.0

**Maximum Starting Torque:**

8.00 inch-ounces

**Maximum Running Torque:**

8.00 inch-ounces

**Maximum Stop Torque:**

192.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

0.531 inches

**Undercut Length:**

0.430 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

**Electrical Resistance Per Section:**

10.0 percent, rated amperes c and better finish and 2.5 gallons per minute c and better industrial clears

**Rotary Actuator Travel In Angular Deg:**

312.0

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

+0.0/+7.0 -55 degrees celsius 1st section and +0.0/+10.0 -55 degrees celsius 2nd section and +0.0/+5.0 -25 degrees celsius 2nd section and +0.0/+3.5 -25 degrees celsius 1st section and +0.0/+2.0 0 degrees celsius 1st section and +0.0/+2.5 0 degrees celsius 2nd section and -2.5/+2.5 85 degrees celsius 1st section and -3.5/+3.5 85 degrees celsius 2nd section and +0.0/+5.5 120 degrees celsius 1st section and +0.0/+7.5 120 degrees celsius 2nd section and +0.0/+8.5 150 degrees celsius 1st section and +0.0/+12.5 150 degrees celsius 2nd section

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

150.0 all sections

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

3.0 7th secondary at 10'30 oclock

**Resistance Tolerance Per Section In Percent:**

-20.0/+20.0 all sections

**Actuator Travel Control Feature:**

Stops

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

70.0 all sections

**Standard Taper Curve Per Section:**

A 1st section and f 2nd section

**Special Features:**

Inner shaft flatted 0.280 in. Length by 0.080 in. Height

**Test Data Document:**

97942-576r030 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:**

6 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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