

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

Fig:

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