

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:

--

Demilitarization:

No

Fiig:

A002a0