

View Online at <https://aerobasegroup.com/nsn/5905-01-170-2770>

Section Quantity:

3

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

0.875 inches

Shaft Diameter:

0.250 inches

Shaft Length:

1.156 inches

Mounting Bushing Length:

0.250 inches

Body Length:

2.500 inches

Undercut Diameter:

0.125 inches

Shaft Style:

Round, stepped

Shaft Bearing Type:

Sleeve

Actuator Type:

Dual concentric

Effective Electrical Rotation In Deg Angular Rotation:

270.0

Maximum Starting Torque:

9.60 inch-ounces

Maximum Running Torque:

6.00 inch-ounces

Maximum Stop Torque:

80.00 inch-ounces

Nonturn Device Location:

At 6 oclock

Nonturn Device Radius:

0.312 inches

Shaft End Play:

0.00500 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.00200 inches

Shaft Radial Play:

0.004 inches

Undercut Length:

0.406 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

Rotary Actuator Travel In Angular Deg:

275.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 7th secondary at 10'30 oclock

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

6 oclock all primaries

Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:

-20.0/+20.0 all sections

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

70.0 all sections

Special Features:

Outer shaft stop torque 150.00 ounce-inches; running torque 6.00 ounce-inches; starting torque 9.60 ounce-inches; outer shaft has flat with dimensions of 0.340 inches long by 0.219 inches high; inner shaft has flat with dimensions of 0.340 inches long by 0.094 inches high; wire leads have heat shrink sleeving

Terminal Type And Quantity:

9 wire lead

Shelf Life:

Nil

Unit Of Measure:

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Demilitarization:

No

Fig:

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