

View Online at <https://aerobasegroup.com/nsn/5905-00-989-1951>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.735 inches

Body Diameter:

Between 1.745 inches and 1.755 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.780 inches and 0.840 inches

Mounting Bushing Length:

0.313 inches

Body Length:

Between 1.918 inches and 1.932 inches

Overall Diameter:

1.935 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

1.50 inch-ounces

Maximum Running Torque:

1.20 inch-ounces

Nonturn Device Location:

At 12 oclock

Nonturn Device Radius:

Between 0.555 inches and 0.567 inches

Shaft End Play:

0.005 inches

Shaft Runout:

0.0005 inches

Lateral Runout:

0.0025 inches

Pilot Diameter Runout:

0.0015 inches

Shaft Radial Play:

0.002 inches

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thread Qty Per Inch (tpi):

32.0

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Standard bushing

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.025/+0.025 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

7.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

-20.0/+20.0 single section

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

60.0 single section

Precious Material And Location:

Terminals gold

Precious Material:

Gold

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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