

View Online at <https://aerobasegroup.com/nsn/5905-01-091-0897>

Section Quantity:

4

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.910 inches

First Flat Length:

0.438 inches

Flat Height:

0.105 inches

Body Diameter:

1.0625 inches

Shaft Diameter:

0.1248 inches

Shaft Length:

0.938 inches

Mounting Bushing Length:

0.375 inches

Body Length:

1.896 inches

Overall Diameter:

1.500 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

0.25 inch-ounces

Maximum Running Torque:

0.25 inch-ounces

Nonturn Device Location:

At 9 oclock

Nonturn Device Radius:

0.312 inches

Shaft End Play:

0.003 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.003 inches

Mechanical Backlash In Deg Angular Rotation:

0.25

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unf

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Standard bushing

Cubic Measure:

3.351 cubic inches

Electrical Resistance Per Section:

5.0 kilohms all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

1.5 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

9 oclock 2nd primary

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

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Terminal Type And Quantity:

20 wire loop

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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