

View Online at <https://aerobasegroup.com/nsn/5905-00-912-3369>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.9663 inches and 0.9668 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

0.967 inches

Undercut Width:

0.0620 inches

Body Diameter:

1.100 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

90.0

Shaft Diameter:

0.125 inches

Shaft Length:

0.560 inches

Body Length:

1.310 inches

Mounting Lip Diameter:

Between 0.9995 inches and 1.1005 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

0.750 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

310.0

Maximum Starting Torque:

0.30 inch-ounces

Maximum Running Torque:

0.25 inch-ounces

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.0007 inches

Screw Thread Diameter:

0.112 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

40.0

Mounting Facility Quantity:

4

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

214.0 kilohms single section

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

27.0 single section and 196.5 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.03/+0.03 single section

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

110.0 single section

Power Dissipation Rating Per Section In Watts:

0.25 free air single section

Function Conformity Per Section:

Single section terminal base linearity

Fixed Tap Quantity Per Section:

2 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-20.0/+20.0 single section

Actuator Travel Control Feature:

Continuous motion

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:

55.0 single section

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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