

View Online at <https://aerobasegroup.com/nsn/5905-00-755-3253>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.49500 inches and 0.50500 inches

Pilot Length:

Between 0.10900 inches and 0.14100 inches

Overall Length:

4.485 inches

Undercut Diameter:

1.625 inches

Undercut Width:

0.07300 inches

Body Diameter:

1.755 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

90.0

Shaft Diameter:

0.250 inches

Shaft Length:

Between 1.984 inches and 2.016 inches

Body Length:

2.485 inches

Overall Diameter:

2.156 inches

Mounting Lip Diameter:

1.75500 inches

Mounting Lip Depth:

0.09300 inches

Mounting Hole/stud Circle Diameter:

Between 0.870 inches and 0.880 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

4.50 inch-ounces

Maximum Running Torque:

2.00 inch-ounces

Shaft Runout:

0.001 inches

Screw Thread Diameter:

0.138 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

4

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Features Provided:

Humidity proof

Electrical Resistance Per Section:

80.000 percent, rated amperes c and better select

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.20/+0.20 all sections

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

150.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections terminal base linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 4th section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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:

85.0 all sections

Precious Material And Location:

Terminals gold and terminals silver

Precious Material:

Gold and silver

Terminal Type And Quantity:

12 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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