

View Online at <https://aerobasegroup.com/nsn/5905-00-920-8974>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5615 inches and 1.5625 inches

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Overall Length:

2.500 inches

First Flat Length:

Between 0.490 inches and 0.510 inches

Flat Height:

Between 0.180 inches and 0.200 inches

Undercut Diameter:

1.562 inches

Undercut Width:

Between 0.0760 inches and 0.0810 inches

Body Diameter:

Between 1.800 inches and 1.820 inches

Angle Of Mounting Hole In Deg:

60.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.249 inches

Shaft Length:

Between 0.745 inches and 0.755 inches

Body Length:

Between 1.740 inches and 1.760 inches

Overall Diameter:

2.500 inches

Mounting Lip Diameter:

Between 1.8000 inches and 1.8200 inches

Mounting Lip Depth:

Between 0.0590 inches and 0.0650 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round, flatted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1440.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.40 inch-ounces

Maximum Stop Torque:

500.00 inch-ounces

Screw Thread Diameter:

0.138 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

1.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

1440.0

Function Conformity Tolerance Per Section:

-0.01/+0.01 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:

2.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 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:

70.0 single section

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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