

View Online at <https://aerobasegroup.com/nsn/5905-00-080-1217>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

2.750 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0930 inches

Body Diameter:

1.812 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

Between 0.2493 inches and 0.2497 inches

Shaft Length:

0.625 inches

Body Length:

2.125 inches

Overall Diameter:

2.203 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0930 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

1.30 inch-ounces

Maximum Running Torque:

0.90 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.0005 inches

Lateral Runout:

0.0015 inches

Pilot Diameter Runout:

0.0001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

10.000 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:

115.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 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:

-130.0 to 130.0 single section

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

40.0 single section

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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