

View Online at <https://aerobasegroup.com/nsn/5905-00-257-6816>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.68800 inches

Pilot Length:

0.06200 inches

Overall Length:

2.437 inches

Undercut Diameter:

1.688 inches

Undercut Width:

0.06200 inches

Body Diameter:

3.000 inches

Angle Of Mounting Hole In Deg:

120.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.375 inches

Shaft Length:

0.625 inches

Body Length:

1.812 inches

Overall Diameter:

3.500 inches

Mounting Lip Diameter:

2.99900 inches

Mounting Lip Depth:

0.06200 inches

Mounting Hole/stud Circle Diameter:

0.87500 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

315.0

Maximum Starting Torque:

6.00 inch-ounces

Maximum Running Torque:

6.000 inch-ounces

Shaft End Play:

0.00450 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Screw Thread Diameter:

0.138 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring and threaded hole

Electrical Resistance Per Section:

100.000 kilohms single section

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

158.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 single section

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

165.0 single section

Power Dissipation Rating Per Section In Watts:

12.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 ohms single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

65.0 single section

Terminal Type And Quantity:

4 binding post

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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