

View Online at <https://aerobasegroup.com/nsn/5905-01-029-8611>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5610 inches and 1.5620 inches

Pilot Length:

Between 0.0350 inches and 0.0670 inches

Overall Length:

2.660 inches

Undercut Diameter:

1.800 inches

Undercut Width:

0.0550 inches

Body Diameter:

1.750 inches

Mounting Hole Diameter:

0.125 inches

Angle Of Mounting Hole In Deg:

120.0

Angle Between Centerlines Of Mounting Holes In Deg:

1.4

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

0.660 inches

Body Length:

2.067 inches

Overall Diameter:

1.800 inches

Mounting Lip Diameter:

1.7500 inches

Mounting Lip Depth:

Between 0.0550 inches and 0.0670 inches

Mounting Hole/stud Circle Diameter:

120.000 inches

Shaft Style:

Round

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.20 inch-ounces

Maximum Stop Torque:

80.00 inch-ounces

Nonturn Device Location:

At 6 oclock

Nonturn Device Radius:

0.281 inches

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.05

Fragility Factor:

Moderately rugged

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Unthreaded hole

Features Provided:

Humidity proof

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better select

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

125.0 all sections

Temperature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:

-70.0/+70.0 all sections

Power Dissipation Rating Per Section In Watts:

1.5 free air all sections

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

9 oclock 1st primary

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

85.0 all sections

Unpackaged Unit Weight:

0.19 pounds

Terminal Type And Quantity:

11 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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