

View Online at <https://aerobasegroup.com/nsn/5905-00-816-4351>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7490 inches and 0.7500 inches

Pilot Length:

0.0620 inches

Overall Length:

4.234 inches

Undercut Diameter:

1.820 inches

Undercut Width:

0.0620 inches

Body Diameter:

2.000 inches

Angle Of Mounting Hole In Deg:

30.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.250 inches

Shaft Length:

1.188 inches

Body Length:

4.234 inches

Overall Diameter:

1.820 inches

Mounting Lip Diameter:

Between 1.8740 inches and 1.8750 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round, hollowed, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

9000.0

Maximum Starting Torque:

3.50 inch-ounces

Maximum Running Torque:

2.50 inch-ounces

Screw Thread Diameter:

0.156 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring and threaded hole

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

2.5 kilohms single section

Rotary Actuator Travel In Angular Deg:

9000.0

Function Conformity Tolerance Per Section:

-0.15/+0.15 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:

Clutch

Function Characteristic Per Section:

Single section linear

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

Fig:

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