

View Online at <https://aerobasegroup.com/nsn/5905-00-841-1789>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5610 inches and 1.5620 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

1.812 inches

Undercut Diameter:

1.625 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.916 inches

Angle Of Mounting Hole In Deg:

45.0

Angle Between Centerlines Of Mounting Holes In Deg:

180.0

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.721 inches and 0.781 inches

Body Length:

1.062 inches

Overall Diameter:

2.203 inches

Mounting Lip Diameter:

Between 1.7450 inches and 1.7550 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Mounting Hole/stud Circle Diameter:

Between 0.870 inches and 0.880 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

320.0

Maximum Starting Torque:

2.00 inch-ounces

Screw Thread Diameter:

0.138 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

2

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

2.5 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

85.0 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:

-1.0/+1.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

-30.0/+30.0 single section

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

40.0 single section

Terminal Type And Quantity:

2 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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