

View Online at <https://aerobasegroup.com/nsn/5905-00-920-8976>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5615 inches and 1.5625 inches

Pilot Length:

Between 0.0590 inches and 0.0650 inches

Overall Length:

2.500 inches

First Flat Length:

0.500 inches

Flat Height:

0.190 inches

Undercut Diameter:

Between 1.5615 inches and 1.5625 inches

Undercut Width:

Between 0.0760 inches and 0.0810 inches

Body Diameter:

1.810 inches

Angle Of Mounting Hole In Deg:

30.0

Angle Between Centerlines Of Mounting Holes In Deg:

180.0

Shaft Diameter:

Between 0.2496 inches and 0.2498 inches

Shaft Length:

0.750 inches

Body Length:

1.750 inches

Overall Diameter:

2.530 inches

Mounting Lip Diameter:

Between 1.8000 inches and 1.8200 inches

Mounting Lip Depth:

0.0590 mils and 0.0650 centimeters

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1440.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.40 inch-ounces

Maximum Stop Torque:

500.00 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

0.5

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

1.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

1440.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 7th secondary quality

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:

7 o'clock all primaries

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

-20.0/+20.0 single section

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

85.0 single section

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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