

View Online at <https://aerobasegroup.com/nsn/5905-00-148-3673>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.74950 inches and 0.75000 inches

Pilot Length:

Between 0.05700 inches and 0.06700 inches

Overall Length:

Between 2.324 inches and 2.406 inches

Undercut Diameter:

Between 0.771 inches and 0.781 inches

Undercut Width:

Between 0.05700 inches and 0.06700 inches

Body Diameter:

Between 0.896 inches and 0.906 inches

Shaft Diameter:

0.248 inches

Shaft Length:

0.625 inches

Body Length:

Between 1.615 inches and 1.625 inches

Overall Diameter:

Between 1.186 inches and 1.312 inches

Mounting Lip Diameter:

Between 0.86500 inches and 0.88000 inches

Mounting Lip Depth:

Between 0.05700 inches and 0.06700 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

0.70 inch-ounces

Maximum Running Torque:

0.60 inch-ounces

Maximum Stop Torque:

48.00 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.000 kilohms single section

Rotary Actuator Travel In Angular Deg:

3680.0

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

125.0 single section

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

-150.0 to 150.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Resistance Tolerance Per Section In Percent:

-1.0 to 1.0 single section

Actuator Travel Control Feature:

Stops

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

40.0 single section

Test Data Document:

10001-2877113 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

3 turret

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A002a0