

View Online at <https://aerobasegroup.com/nsn/5905-00-147-5866>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.31200 inches and 1.31250 inches

Pilot Length:

Between 0.05700 inches and 0.06700 inches

Overall Length:

Between 2.531 inches and 2.655 inches

Undercut Diameter:

Between 1.303 inches and 1.313 inches

Undercut Width:

Between 0.07300 inches and 0.07800 inches

Body Diameter:

Between 1.458 inches and 1.468 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.750 inches

Body Length:

Between 1.739 inches and 1.749 inches

Overall Diameter:

Between 1.813 inches and 1.828 inches

Mounting Lip Diameter:

Between 1.42700 inches and 1.44200 inches

Mounting Lip Depth:

Between 0.08800 inches and 0.09800 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

349.0

Maximum Starting Torque:

1.80 inch-ounces

Maximum Running Torque:

1.35 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.000 kilohms 1st section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.40/+0.40 single section

Ambient Tempurature 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/+150.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 free air single section

Function Conformity Per Section:

Single section absolute conformity

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 2nd section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section table

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

40.0 single section

Special Features:

External fixed resistor mtd across terminal 1 and 4 each section

Test Data Document:

10001-2877111 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:

4 turret

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0