

View Online at <https://aerobasegroup.com/nsn/5905-01-279-7986>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8745 inches and 1.8750 inches

Pilot Length:

Between 0.0350 inches and 0.0670 inches

Undercut Diameter:

Between 1.8745 inches and 1.8750 inches

Undercut Width:

0.0550 inches

Body Diameter:

2.000 centimeters

Angle Of Mounting Hole In Deg:

30.0

Angle Between Centerlines Of Mounting Holes In Deg:

60.0

Shaft Diameter:

Between 0.2495 inches and 0.2500 inches

Shaft Length:

Between 2.155 inches and 2.208 inches

Body Length:

0.910 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0550 mils and 0.0670 centimeters

Mounting Hole/stud Circle Diameter:

Between 1.682 inches and 1.692 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.60 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Fragility Factor:

Moderately rugged

Screw Thread Diameter:

Between 0.076 inches and 0.096 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

56.0

Mounting Facility Quantity:

4

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring and threaded hole

Features Provided:

Humidity proof

Cubic Measure:

0.910 cubic inches

Electrical Resistance Per Section:

2.0 percent, rated amperes c and better flooring

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

1000.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

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

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

-400.0/+400.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

7 oclock all primaries

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

25.0 single section

Special Features:

Knob on rear end of shaft 0.6232 in. Diameter min. And 0.6238 in. Diameter max; 500 ohm, 0.25 watt internal resistor connected to wiper

Test Data Document:

82577-960024 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:

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Demilitarization:

No

Fiig:

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