

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 Temperature 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:**

--

**Demilitarization:**

No

**Fiig:**

A002a0