

View Online at <https://aerobasegroup.com/nsn/5905-01-237-3440>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

1.829 inches

**Body Diameter:**

1.437 inches

**Shaft Diameter:**

0.2497 inches

**Shaft Length:**

0.875 inches

**Mounting Bushing Length:**

0.375 inches

**Body Length:**

0.954 inches

**Overall Diameter:**

1.437 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

354.0

**Maximum Starting Torque:**

1.60 inch-ounces

**Maximum Running Torque:**

0.80 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.005 inches

**Lateral Runout:**

0.0025 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.0015 inches

**Fragility Factor:**

Moderately rugged

**End Application:**

Test set

**Screw Thread Diameter:**

0.500 inches

**Screw Thread Series Designator:**

Un

**Screw Thread Qty Per Inch (tpi):**

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing

**Cubic Measure:**

2.966 cubic inches

**Electrical Resistance Per Section:**

100.000 ohms c and better flooring

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 single section

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

85.0 single section

**Power Dissipation Rating Per Section In Watts:**

2.0 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:**

Continuous motion

**Function Characteristic Per Section:**

7 oclock all primaries

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

+0.0/+130.0 single section

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

40.0 single section

**Test Data Document:**

35351-747071 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