

View Online at <https://aerobasegroup.com/nsn/5905-01-324-2303>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

0.859 mils and 0.891 centimeters

**Shaft Diameter:**

Between 0.2494 inches and 0.2497 inches

**Shaft Length:**

Between 0.781 inches and 0.843 inches

**Mounting Bushing Length:**

Between 0.300 inches and 0.330 inches

**Body Length:**

Between 0.980 inches and 1.020 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

Between 3600.0 and 3610.0

**Maximum Starting Torque:**

10.00 inch-ounces

**Maximum Running Torque:**

10.00 inch-ounces

**Maximum Stop Torque:**

96.00 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.005 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.003 inches

**Mechanical Backlash In Deg Angular Rotation:**

1.0

**Fragility Factor:**

Moderately rugged

**End Application:**

6660-01-148-1772 meteorological data

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Upper adjacent side two rows

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

10.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

Between 3600.0 and 3610.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

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

125.0 single section

**Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:**

-100.0/+100.0 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:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Clutch

**Function Characteristic Per Section:**

7 oclock all primaries

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

70.0 single section

**Precious Material And Location:**

Terminal surfaces gold

**Precious Material:**

Gold

**Test Data Document:**

57946-5030166 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 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A002a0