

View Online at <https://aerobasegroup.com/nsn/5905-01-240-5158>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

Between 0.484 inches and 0.516 inches

**Shaft Diameter:**

Between 0.122 inches and 0.126 inches

**Shaft Length:**

Between 0.468 inches and 0.531 inches

**Mounting Bushing Length:**

Between 0.234 inches and 0.266 inches

**Body Length:**

Between 0.437 inches and 0.469 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

Between 292.0 and 298.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

48.00 inch-ounces

**Nonturn Device Location:**

At 10'30 oclock and at 4'30 oclock

**Nonturn Device Radius:**

Between 0.239 inches and 0.251 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

Between 0.234 inches and 0.266 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Features Provided:**

Panel seal and shaft seal

**Cubic Measure:**

0.615 cubic inches

**Electrical Resistance Per Section:**

100.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 292.0 and 298.0

**Resistance Temperature Characteristic Range Per Section In Percent:**

-3.0/+0.0 -55 degrees celsius single section and -5.0/+10.0 -25 degrees celsius single section and -5.0/+10.0 25 degrees celsius single section and +0.0/+3.0 120 degrees celsius single section

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

120.0 single section

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

0.5 free air single section

**Resistance Tolerance Per Section In Percent:**

-0.100/+0.100 single section

**Actuator Travel Control Feature:**

Stops

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

70.0 single section

**Standard Taper Curve Per Section:**

A single section

**Test Data Document:**

81349-mil-r-94 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

3 tab, solder lug

**Specification Data:**

81349-mil-r-94/3 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A002a0