

View Online at <https://aerobasegroup.com/nsn/5905-00-985-5503>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

2.702 inches

**First Flat Length:**

0.344 inches

**Flat Height:**

Between 0.211 inches and 0.221 inches

**Body Diameter:**

3.190 inches

**Shaft Diameter:**

Between 0.248 inches and 0.251 inches

**Shaft Length:**

Between 0.828 inches and 0.922 inches

**Mounting Bushing Length:**

Between 0.328 inches and 0.422 inches

**Body Length:**

1.780 inches

**Overall Diameter:**

3.785 inches

**Shaft Style:**

Round, flatted

**Actuator Type:**

Single shaft

**Maximum Starting Torque:**

48.00 inch-ounces

**Maximum Stop Torque:**

240.00 inch-ounces

**Nonturn Device Location:**

At 12 oclock

**Nonturn Device Radius:**

Between 0.485 inches and 0.515 inches

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

25.0 ohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 295.0 and 315.0

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

340.0 single section

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

100.0 heat sink single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Stops

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

25.0 single section

**Standard Taper Curve Per Section:**

A single section

**Test Data Document:**

81349-mil-r-22 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-22/8 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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