

View Online at <https://aerobasegroup.com/nsn/5905-00-683-6641>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

Between 2.999 inches and 3.311 inches

**Body Diameter:**

Between 1.500 inches and 1.710 inches

**Shaft Diameter:**

Between 0.248 inches and 0.251 inches

**Shaft Length:**

Between 2.469 inches and 2.531 inches

**Mounting Bushing Length:**

Between 0.360 inches and 0.390 inches

**Body Length:**

Between 0.530 inches and 0.780 inches

**Overall Diameter:**

2.135 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

Between 280.0 and 305.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

128.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

Between 0.516 inches and 0.546 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:**

500.0 ohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 280.0 and 305.0

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

105.0 single section

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

4.0 free air single section

**Resistance Tolerance Per Section In Percent:**

-10.0 to 10.0 single section

**Actuator Travel Control Feature:**

Stops

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

40.0 single section

**Standard Taper Curve Per Section:**

A single section

**Test Data Document:**

81349-mil-r-19 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-19/3 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A002a0