

View Online at <https://aerobasegroup.com/nsn/5905-00-007-7273>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

2.050 inches

**First Flat Length:**

0.500 inches

**Flat Height:**

Between 0.211 inches and 0.221 inches

**Body Diameter:**

Between 1.030 inches and 1.160 inches

**Shaft Diameter:**

Between 0.248 inches and 0.251 inches

**Shaft Length:**

1.420 inches

**Mounting Bushing Length:**

Between 0.347 inches and 0.390 inches

**Body Length:**

Between 0.410 inches and 0.600 inches

**Overall Diameter:**

1.517 inches

**Shaft Style:**

Round, flatted

**Actuator Type:**

Single shaft

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

312.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

1.00 inch-ounces

**Maximum Stop Torque:**

192.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

0.546 inches

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing w/panel seal

**Electrical Resistance Per Section:**

500.0 ohms single section

**Rotary Actuator Travel In Angular Deg:**

312.0

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

+0.0 to 4.5 -55 degrees celsius single section and +0.0 to 2.5 -25 degrees celsius single section and +0.0 to 1.5 0 degrees celsius single section and -1.5 to 1.5 85 degrees celsius single section and +0.0 to 3.5 120 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:**

2.25 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:**

70.0 single section

**Standard Taper Curve Per Section:**

A single section

**Test Data Document:**

05869-719110 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:**

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**Demilitarization:**

No

**Fig:**

A002a0