

View Online at <https://aerobasegroup.com/nsn/5905-00-643-5707>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

Between 2.771 inches and 2.853 inches

**Terminal Length:**

Between 0.203 inches and 0.235 inches

**Body Diameter:**

Between 1.796 inches and 1.828 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

Between 0.735 inches and 0.765 inches

**Mounting Bushing Length:**

Between 0.234 inches and 0.266 inches

**Body Length:**

Between 1.990 inches and 2.010 inches

**Overall Diameter:**

Between 1.999 inches and 2.063 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

1.75 inch-ounces

**Maximum Running Torque:**

1.25 inch-ounces

**Maximum Stop Torque:**

750.00 inch-ounces

**Nonturn Device Location:**

At 6 oclock

**Nonturn Device Radius:**

Between 0.557 inches and 0.567 inches

**Shaft End Play:**

0.00800 inches

**Shaft Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00200 inches

**Shaft Radial Play:**

0.003 inches

**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

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

10.000 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

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

110.0 single section

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

8.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section linear

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

40.0 single section

**Terminal Type And Quantity:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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