

View Online at <https://aerobasegroup.com/nsn/5905-00-329-6634>

**Section Quantity:**

4

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

3.165 inches

**Body Diameter:**

1.750 centimeters

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Mounting Bushing Length:**

0.214 inches

**Body Length:**

2.540 inches

**Overall Diameter:**

1.938 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

310.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

5.00 inch-ounces

**Shaft End Play:**

0.0045 inches

**Shaft Runout:**

0.003 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.00200 inches

**Shaft Radial Play:**

0.00009 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

0.500 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

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

2.25 percent, rated amperes c and better

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 all sections

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

71.0 all sections

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

2.5 7th secondary at 10'30 oclock

**Function Conformity Per Section:**

All sections independent linearity

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

6 oclock all primaries

**Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:**

-20.0/+20.0 all sections

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

40.0 all sections

**Terminal Type And Quantity:**

12 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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