

View Online at <https://aerobasegroup.com/nsn/5905-00-331-7100>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

1.813 inches

**Body Diameter:**

0.500 inches

**Shaft Diameter:**

0.0935 inches

**Shaft Length:**

0.688 inches

**Mounting Bushing Length:**

0.281 inches

**Body Length:**

1.000 inches

**Overall Diameter:**

0.500 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Maximum Running Torque:**

0.40 inch-ounces

**Maximum Stop Torque:**

20.00 inch-ounces

**Shaft End Play:**

0.010 inches

**Shaft Runout:**

0.003 inches

**Lateral Runout:**

0.005 inches

**Pilot Diameter Runout:**

0.00300 inches

**Shaft Radial Play:**

0.003 inches

**Screw Thread Diameter:**

0.250 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

500.0 ohms single section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.30/+0.30 single section

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

125.0 single section

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

2.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

Single section linear

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

-20.0/+20.0 single section

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

40.0 single section

**Precious Material And Location:**

Terminals gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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