

View Online at <https://aerobasegroup.com/nsn/5905-00-198-4183>

**Section Quantity:**

18

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

12.390 inches

**Body Diameter:**

2.000 centimeters

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

1.000 inches

**Mounting Bushing Length:**

0.375 inches

**Body Length:**

10.890 inches

**Overall Diameter:**

2.156 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Double ended shaft

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

280.0

**Maximum Starting Torque:**

18.50 inch-ounces

**Maximum Running Torque:**

18.50 inch-ounces

**Maximum Stop Torque:**

128.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

0.531 inches

**Shaft End Play:**

0.015 inches

**Fragility Factor:**

Moderately rugged

**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

**Electrical Resistance Per Section:**

10.0 percent, rated amperes c and better

**Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:**

140.0 all sections

**Rotary Actuator Travel In Angular Deg:**

291.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 all sections

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

105.0 all sections

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

3.0 2nd winding at 10'30 oclock

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

1 all sections

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation all sections

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Stops

**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

**Special Features:**

2 rhms no. 0.112-40 thd in. By 11.438 in. @lg through body of resistor w/0.500 in. Thd extending from rear

**Terminal Type And Quantity:**

72 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A002a0