

View Online at <https://aerobasegroup.com/nsn/5905-00-166-8124>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.3910 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

2.155 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.2770 inches

**Body Diameter:**

2.016 centimeters

**Shaft Diameter:**

0.2497 inches

**Shaft Length:**

1.250 inches

**Body Length:**

0.905 inches

**Overall Diameter:**

2.500 inches

**Mounting Lip Diameter:**

2.0160 inches

**Mounting Lip Depth:**

0.0780 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

280.0

**Maximum Starting Torque:**

0.70 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.002 inches

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

5.0 percent, rated amperes c and better flooring

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

140.0 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 single section

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

150.0 single section

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

10.0 7th secondary quality

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

7 oclock all primaries

**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:**

85.0 single section

**Special Features:**

One fixed resistor, 5.1k ohms, 1 w rating, externally mtd between terminals

**Terminal Type And Quantity:**

4 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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