

View Online at <https://aerobasegroup.com/nsn/5905-00-018-8820>

**Section Quantity:**

6

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.87400 inches and 1.87500 inches

**Pilot Length:**

Between 0.05700 inches and 0.06700 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.06000 inches

**Body Diameter:**

1.995 mils and 2.005 centimeters

**Shaft Diameter:**

Between 0.2494 inches and 0.2497 inches

**Shaft Length:**

Between 0.440 inches and 0.480 inches

**Body Length:**

3.630 inches

**Mounting Lip Diameter:**

Between 1.99500 inches and 2.00500 inches

**Mounting Lip Depth:**

0.08800 mils and 0.09800 centimeters

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

350.0

**Maximum Starting Torque:**

4.00 inch-ounces

**Maximum Running Torque:**

4.00 inch-ounces

**Shaft End Play:**

0.001 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.0008 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

5.0 percent, rated amperes c and better finish and 5.0 percent, rated amperes c and better industrial clears and 10.0 percent, rated amperes c and better select and 5.0 percent, rated amperes c and better v.G. Stepping and 5.0 percent, rated amperes c drop siding and 10.0 percent, rated amperes c finish

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

175.0 6th section

**Rotary Actuator Travel In Angular Deg:**

350.0

**Function Conformity Tolerance Per Section:**

-0.04/+0.04 1st section and -0.10/+0.10 2nd section and -0.10/+0.10 3rd section and -0.10/+0.10 4th section and -0.10/+0.10 5th section and -0.10/+0.10 6th section

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

-50.0/+50.0 all sections

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

0.5 7th secondary at 10'30 oclock

**Function Conformity Per Section:**

All sections absolute conformity

**Fixed Tap Quantity Per Section:**

1 6th section

**Tap Location Tolerance Per Section:**

-2.0/+2.0 degrees angular rotation 6th section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 1st section and -5.0/+5.0 2nd section and -10.0/+10.0 3rd section and -5.0/+5.0 4th section and -5.0/+5.0 5th section and -5.0/+5.0 6th section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

6 oclock 11th primary

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

125.0 all sections

**Test Data Document:**

70210-805101 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

19 turret

Significant

**Demilitarization:**

No

**Fiig:**

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