

View Online at <https://aerobasegroup.com/nsn/5905-00-089-6907>

**Section Quantity:**

5

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.7490 inches and 0.7590 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

2.593 inches

**Undercut Diameter:**

Between 0.748 inches and 0.755 inches

**Undercut Width:**

0.0570 inches

**Body Diameter:**

0.775 inches

**Shaft Diameter:**

Between 0.1245 inches and 0.1247 inches

**Shaft Length:**

0.375 inches

**Body Length:**

2.593 inches

**Mounting Lip Diameter:**

0.7750 inches

**Mounting Lip Depth:**

Between 0.0570 inches and 0.0670 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

180.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.90 inch-ounces

**Shaft End Play:**

0.002 inches

**Shaft Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

35.0 kilohms 4th section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.55 to 0.55 2nd section

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

125.0 all sections

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

1.0 free air all sections

**Function Conformity Per Section:**

All sections terminal base linearity

**Fixed Tap Quantity Per Section:**

1 all sections

**Tap Location Tolerance Per Section:**

-5.0 to 5.0 ohms all sections

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Tap Location From Ccw Terminal Per Section In Ohms:**

6250.0 1st section

**Function Characteristic Per Section:**

All sections linear

**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:**

90.0 all sections

**Test Data Document:**

06481-910017 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:**

20 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A002a0