

View Online at <https://aerobasegroup.com/nsn/5990-00-881-1031>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.5920 inches

**Flange Diameter:**

Between 0.7450 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6870 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0898 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3520 inches single shaft

**Maximum Temperature Rise:**

10.0 degrees celsius

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

23.0 milliamperes

**Stator Input Electrical Power Rating:**

44.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

Between 830.00 and 940.00

**Zro Impedance Angle In Deg:**

Between 16.00 and 20.00

**Zso Impedance Magnitude In Ohms:**

Between 444.00 and 570.00

**Zso Impedance Angle In Deg:**

Between 76.00 and 81.00

**Phase Shift Angle In Deg:**

8.000 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

25.00 output

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

30.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Torque Gradient Per Angular Deg:**

0.040 inch-ounces

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0250 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

2.203 rotor to stator

**Test Data Document:**

81349-mil-s-20708 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

5 wire lead

**Specification Data:**

81349-mil-s-20708/79 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800