

View Online at <https://aerobasegroup.com/nsn/5990-00-802-6998>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6150 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:**

0.4150 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

**Zso Impedance Magnitude In Ohms:**

Between 444.00 and 570.00

**Zso Impedance Angle In Deg:**

Between 76.00 and 81.00

**Zrs Impedance Magnitude In Ohms:**

Between 830.00 and 940.00

**Zrs Impedance Angle In Deg:**

Between 16.00 and 20.00

**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:**

0.0620 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.). Or

81349-mil-s-207080/79 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

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800