

View Online at <https://aerobasegroup.com/nsn/5990-00-965-7786>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.4440 inches

**Flange Diameter:**

0.7590 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6870 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1200 inches rear shaft

**Shaft Length:**

0.2030 inches front shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

30.0 milliamperes

**Stator Input Electrical Power Rating:**

120.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

2570.00

**Zro Impedance Angle In Deg:**

73.00

**Zso Impedance Magnitude In Ohms:**

450.00

**Zso Impedance Angle In Deg:**

75.00

**Zrs Impedance Magnitude In Ohms:**

950.00

**Zrs Impedance Angle In Deg:**

20.00

**Rotor Dc Resistance In Ohms:**

Between 350.00 and 605.00

**Stator Dc Resistance In Ohms:**

105.00

**Phase Shift Angle In Deg:**

11.000 input to output

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

68.00 output

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

106.00

**Actuator Friction Torque At Minus 55 Deg Celsius:**

13.0 centimeter-grams

**Actuator Friction Torque At Plus 25 Deg Celsius:**

3.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0015 inches

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0300 inches rear shaft

**Shaft Slot Width:**

0.0200 inches rear shaft

**Shaft Type:**

Round, slotted rear shaft

**Transformation Ratio:**

2.203 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800