

View Online at <https://aerobasegroup.com/nsn/5990-00-705-4349>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rotatable stator c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

3.6040 inches

**Flange Diameter:**

1.1880 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9375 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1200 inches rear shaft

**Shaft Length:**

0.7410 inches rear shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

12

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

86.0 milliamperes

**Stator Input Electrical Power Rating:**

1.0 watts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

126.00

**Zro Impedance Angle In Deg:**

78.00

**Zso Impedance Magnitude In Ohms:**

718.00

**Zso Impedance Angle In Deg:**

75.00

**Phase Shift Angle In Deg:**

5.200 input to output

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

19.00 output

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

28.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

8.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0030 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

2.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Shaft Hole Diameter:**

0.0625 inches rear shaft

**Terminal Location:**

Rear

**Shaft Type:**

Round, hollowed rear shaft

**Transformation Ratio:**

2.203 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

16.0 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