

View Online at <https://aerobasegroup.com/nsn/5990-00-137-2912>

**Body Material:**

Any acceptable

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.3970 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5520 inches single shaft and 0.5760 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

7.1

**Stator Input Current Rating:**

12.0 milliamperes

**Stator Input Electrical Power Rating:**

2.0 milliwatts

**Frequency In Hertz:**

4800.0

**Zro Resistance In Ohms:**

200.00

**Zso Resistance In Ohms:**

200.00

**Zrs Resistance In Ohms:**

35.00

**Zss Resistance In Ohms:**

35.00

**Rotor Dc Resistance In Ohms:**

25.00

**Stator Dc Resistance In Ohms:**

10.00

**Phase Shift Angle In Deg:**

2.000 input to output

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

10.00

**Interaxis Error Angular Range In Minutes:**

-7.0/+7.0

**Output Voltage Functional Error Range In Percent:**

-0.5/+0.5

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

**Shaft Radial Play Test Point:**

0.250 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8350 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

800.00

**Shaft Slot Depth:**

0.0220 inches single shaft and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

800.00

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

100.00

**Shaft Type:**

Round, slotted single shaft

**Plus J Zss Reactance In Ohms:**

100.00

**Transformation Ratio:**

1.000 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

3 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800