

View Online at <https://aerobasegroup.com/nsn/5990-00-087-1177>

**Body Material:**

Any acceptable

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Second Shoulder Diameter:**

0.9800 inches

**Overall Length:**

2.3320 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0450 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5470 inches single shaft and 0.5770 inches single shaft

**Securing Hole Quantity:**

4

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

143.0 milliamperes

**Stator Input Electrical Power Rating:**

250.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

98.70

**Zso Resistance In Ohms:**

85.50

**Zss Resistance In Ohms:**

23.30

**Rotor Dc Resistance In Ohms:**

16.15

**Stator Dc Resistance In Ohms:**

6.63

**Phase Shift Angle In Deg:**

5.000 input to output

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0002 inches and 0.0015 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7700 inches

**Mounting Facility Screw Thread Series Designator:**

Unc

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.1250 inches front shaft

**Shaft Slot Width:**

0.0250 inches front shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Mounting Facility Screw Thread Diameter:**

0.1120 inches

**Transformation Ratio:**

1000.000 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

16.0 ounces

**Special Features:**

2nd freq 31500 hertz

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800