

View Online at <https://aerobasegroup.com/nsn/5990-01-384-9747>

**Body Material:**

Steel, corrosion resisting

**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:**

1.7240 inches

**Flange Diameter:**

Between 1.0610 inches and 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:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Maximum Temperature Rise:**

125.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

45.0 milliamperes

**Rotor Input Electrical Power Rating:**

0.77 watts finished-chamfered

**Zro Resistance In Ohms:**

350.00

**Zso Resistance In Ohms:**

4.30

**Zss Resistance In Ohms:**

5.00

**Rotor Dc Resistance In Ohms:**

Between 170.00 and 220.00

**Stator Dc Resistance In Ohms:**

Between 3.20 and 4.00

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

30.00 input

**Shaft End Play:**

Between 0.0010 inches and 0.0025 inches

**Pilot Length:**

0.0590 mils and 0.0650 centimeters

**Shoulder Length:**

0.0590 mils and 0.0650 centimeters

**Mounting Surface To Terminal End Distance:**

1.6000 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

3000.00

**Plus J Zso Reactance In Ohms:**

24.60

**Shaft Type:**

Round single shaft

**Plus J Zss Reactance In Ohms:**

2.50

**Transformation Ratio:**

0.1026 rotor to stator

**Shaft End Play Determining Weight:**

8.5 ounces

**Special Features:**

Slot optional on shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800