

View Online at <https://aerobasegroup.com/nsn/5990-00-101-2524>

**Body Material:**

Steel, stainless

**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:**

Between 2.1660 inches and 2.1860 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9800 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1873 inches single shaft

**Shaft Length:**

0.5340 inches single shaft and 0.5600 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

Between 3160.00 and 3740.00

**Zro Impedance Angle In Deg:**

Between 78.00 and 84.00

**Zso Impedance Magnitude In Ohms:**

Between 594.00 and 736.00

**Zso Impedance Angle In Deg:**

Between 79.00 and 85.00

**Rotor Dc Resistance In Ohms:**

415.00

**Stator Dc Resistance In Ohms:**

64.00

**Phase Shift Angle In Deg:**

4.800 input to output

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

25.00 output

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

35.00

**Electrical Error Angular Range In Minutes:**

-5.5 to 5.5

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.6910 inches

**Terminal Location:**

Side

**Shaft Slot Depth:**

0.0260 inches single shaft and 0.0360 inches single shaft

**Shaft Slot Width:**

0.0260 inches single shaft and 0.0360 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.560 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800