

View Online at <https://aerobasegroup.com/nsn/5990-01-017-5117>

**Body Material:**

Aluminum alloy

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

2.0150 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.3670 inches single shaft

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

1.0 degrees celsius

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

Between 2.0 and 20.0

**Stator Input Current Rating:**

12.0 milliamperes

**Stator Input Electrical Power Rating:**

240.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

1500.00

**Zso Impedance Magnitude In Ohms:**

3000.00

**Zss Impedance Magnitude In Ohms:**

1400.00

**Rotor Dc Resistance In Ohms:**

586.00

**Stator Dc Resistance In Ohms:**

590.00

**Compensation Method:**

Winding compensated

**Phase Shift Angle In Deg:**

16.000 input to output

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

30.00 output

**Interaxis Error Angular Range In Minutes:**

-2.0/+2.0

**Electrical Error Angular Range In Minutes:**

-4.0/+4.0

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.6400 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0310 inches single shaft

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.000 stator to rotor

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800