

View Online at <https://aerobasegroup.com/nsn/5990-00-108-5400>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.3745 inches and 0.3750 inches

**Overall Length:**

1.6550 inches

**Flange Diameter:**

Between 0.4970 inches and 0.5000 inches

**Flange Thickness:**

0.0400 inches

**Undercut Diameter:**

Between 0.4340 inches and 0.4400 inches

**Undercut Width:**

0.0400 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3950 inches single shaft and 0.4350 inches single shaft

**Body Size:**

5

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

45.0 milliamperes

**Stator Input Electrical Power Rating:**

127.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

295.00

**Zro Impedance Angle In Deg:**

72.00

**Zso Impedance Magnitude In Ohms:**

375.00

**Zso Impedance Angle In Deg:**

70.00

**Rotor Dc Resistance In Ohms:**

Between 111.35 and 150.65

**Stator Dc Resistance In Ohms:**

Between 74.80 and 101.20

**Phase Shift Angle In Deg:**

13.000 input to output

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

34.00 output

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

50.00

**Electrical Error Angular Range In Minutes:**

-10.0 to 10.0

**Actuator Friction Torque At Plus 25 Deg Celsius:**

2.00 centimeter-grams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.154 rotor to stator

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800