

View Online at <https://aerobasegroup.com/nsn/5990-00-435-1176>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

0.6910 inches

**Overall Length:**

1.9200 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:**

0.3320 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

113.0 milliamperes

**Rotor Input Electrical Power Rating:**

540.0 milliwatts

**Zro Resistance In Ohms:**

54.00

**Zso Resistance In Ohms:**

20.00

**Zrs Resistance In Ohms:**

93.00

**Rotor Dc Resistance In Ohms:**

152.00

**Stator Dc Resistance In Ohms:**

33.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

55.00 output

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

85.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

**Actuator Friction Torque At Minus 55 Deg Celsius:**

6.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

260.00

**Shaft Slot Depth:**

0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

45.50

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

32.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.454 rotor to stator

**Terminal Type And Quantity:**

5 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800