

View Online at <https://aerobasegroup.com/nsn/5990-00-941-5989>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.6300 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0400 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.3750 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

87.0 milliamperes

**Stator Input Electrical Power Rating:**

210.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

400.00

**Zso Resistance In Ohms:**

60.00

**Zrs Resistance In Ohms:**

602.00

**Rotor Dc Resistance In Ohms:**

143.00

**Stator Dc Resistance In Ohms:**

24.00

**Phase Shift Angle In Deg:**

5.000 input to output

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

30.00 input

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

70.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

16.0 centimeter-grams

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

6.0 centimeter-grams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

420.00

**Shaft Slot Depth:**

0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

254.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

150.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.685 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A07800