

View Online at <https://aerobasegroup.com/nsn/5990-00-065-9154>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.2000 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

3.3540 inches

**Flange Diameter:**

1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.3120 inches

**Undercut Width:**

0.0400 inches

**Shaft Diameter:**

0.1870 inches single shaft

**Shaft Length:**

1.2500 inches single shaft

**Body Size:**

15

**Stator Input Voltage Rating In Volts:**

1.0

**Stator Input Current Rating:**

69.0 milliamperes

**Stator Input Electrical Power Rating:**

320.0 milliwatts

**Rotor Input Voltage Rating In Volts:**

10.1

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

65.0 milliamperes

**Rotor Input Electrical Power Rating:**

310.0 milliwatts

**Zro Resistance In Ohms:**

70.00

**Zso Resistance In Ohms:**

56.00

**Zrs Resistance In Ohms:**

85.00

**Rotor Dc Resistance In Ohms:**

350000.00

**Stator Dc Resistance In Ohms:**

30.00

**Phase Shift Angle In Deg:**

3.500 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 to 7.0

**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:**

0.0780 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

1.6000 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

130.00

**Shaft Slot Depth:**

0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

170.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

17.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.465 rotor to stator

**Terminal Type And Quantity:**

6 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800