

View Online at <https://aerobasegroup.com/nsn/5990-00-067-1622>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

2.2060 inches

**Flange Diameter:**

1.0650 inches

**Flange Thickness:**

0.0620 inches

**Undercut Width:**

0.0900 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.3380 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

80.0 milliamperes

**Stator Input Electrical Power Rating:**

320.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

115.00

**Zso Resistance In Ohms:**

16.00

**Zrs Resistance In Ohms:**

81.00

**Rotor Dc Resistance In Ohms:**

72.00

**Stator Dc Resistance In Ohms:**

38.00

**Phase Shift Angle In Deg:**

5.200 input to output

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

30.00 input

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

65.00

**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

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7440 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

340.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

71.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

40.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0700 inches

**Transformation Ratio:**

0.500 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.8090 inches and 0.8150 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800