

View Online at <https://aerobasegroup.com/nsn/5990-00-997-8945>

**Body Material:**

Any acceptable

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.4210 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0900 inches and 0.0960 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5470 inches single shaft and 0.5760 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Maximum Temperature Rise:**

12.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

280.0 milliamperes

**Rotor Input Electrical Power Rating:**

950.0 milliwatts

**Zro Resistance In Ohms:**

15.40

**Zso Resistance In Ohms:**

5.60

**Zss Resistance In Ohms:**

3.50

**Rotor Dc Resistance In Ohms:**

9.00

**Stator Dc Resistance In Ohms:**

3.00

**Phase Shift Angle In Deg:**

Between 7.000 input to output and 10.000 input to output

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

30.00 output

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

50.00

**Electrical Error Angular Range In Minutes:**

+5.0/+7.0

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

4.0 centimeter-grams

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.7187 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

105.90

**Plus J Zso Reactance In Ohms:**

17.20

**Shaft Type:**

Round, slotted single shaft

**Plus J Zss Reactance In Ohms:**

1.30

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800