

View Online at <https://aerobasegroup.com/nsn/5990-00-858-8782>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.0950 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.9000 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.3120 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

135.0 milliamperes

**Stator Input Electrical Power Rating:**

400.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

15.00

**Zso Resistance In Ohms:**

17.00

**Zrs Resistance In Ohms:**

15.00

**Rotor Dc Resistance In Ohms:**

14.00

**Stator Dc Resistance In Ohms:**

12.10

**Phase Shift Angle In Deg:**

7.000 output to input

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

40.00

**Electrical Error Angular Range In Minutes:**

-12.0/+12.0

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

15.0 centimeter-grams

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

7.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0015 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.6870 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

64.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

73.00

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

9.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.112 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

4.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800