

View Online at <https://aerobasegroup.com/nsn/5990-00-946-3500>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

2.3280 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0650 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.7170 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

190.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.0 watts finished-chamfered

**Zro Resistance In Ohms:**

32.00

**Zso Resistance In Ohms:**

7.00

**Rotor Dc Resistance In Ohms:**

24.00

**Stator Dc Resistance In Ohms:**

7.50

**Phase Shift Angle In Deg:**

11.500 input to output

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

20.00 output

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

30.00

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0050 inches

**Shaft End Play:**

0.0008 inches

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.3680 inches

**Shaft Maximum Runout:**

0.0005 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

150.00

**Shaft Slot Depth:**

0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

26.00

**Shaft Slot Width:**

0.0350 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.454 stator to rotor

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800