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**Body Material:**

Aluminum or steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.7210 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6870 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1247 inches single shaft

**Shaft Length:**

0.4810 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

10.0 degrees celsius

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

23.0 milliamperes

**Stator Input Electrical Power Rating:**

44.0 milliwatts

**Frequency In Hertz:**

400.0

**Zso Impedance Magnitude In Ohms:**

Between 444.00 and 570.00

**Zso Impedance Angle In Deg:**

Between 76.00 and 81.00

**Zrs Impedance Magnitude In Ohms:**

Between 830.00 and 940.00

**Zrs Impedance Angle In Deg:**

Between 16.00 and 20.00

**Phase Shift Angle In Deg:**

8.000 input to output

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

25.00 input

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

30.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Spline Tooth Quantity:**

13 single shaft

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

0.04 inch-ounces

**Shaft Maximum Radial Play:**

0.0004 inches

**Shaft End Play:**

0.0007 inches

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Spline Tooth Diametral Pitch:**

120 single shaft

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.1900 inches single shaft

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

2.203 rotor to stator

**Shaft Thread Size:**

0.120 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800