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**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rotatable stator c

**Shoulder Diameter:**

Between 0.6950 inches and 0.7050 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

3.1830 inches

**Flange Diameter:**

0.9100 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

Between 0.7360 inches and 0.7460 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.7030 inches single shaft and 0.7330 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Maximum Temperature Rise:**

5.0 degrees celsius

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

40.0 milliamperes

**Stator Input Electrical Power Rating:**

100.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

446.00

**Zso Resistance In Ohms:**

79.00

**Zrs Resistance In Ohms:**

548.00

**Rotor Dc Resistance In Ohms:**

316.00

**Stator Dc Resistance In Ohms:**

67.00

**Phase Shift Angle In Deg:**

6.000 input to output

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

30.00 output

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

60.00

**Electrical Error Angular Range In Minutes:**

-7.0 to 7.0

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

20.0 centimeter-grams

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

30.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0010 inches

**Shaft End Play:**

0.0020 inches

**Pilot Length:**

Between 0.0380 inches and 0.0480 inches

**Shoulder Length:**

Between 0.0570 inches and 0.0670 inches

**Mounting Surface To Terminal End Distance:**

2.0000 inches

**Shaft Maximum Runout:**

0.0020 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1887.00

**Plus J Zso Reactance In Ohms:**

350.00

**Plus J Zrs Reactance In Ohms:**

182.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

2.159 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800