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**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6540 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0625 inches

**Undercut Diameter:**

Between 0.8350 inches and 0.8400 inches

**Undercut Width:**

0.0625 inches

**Shaft Diameter:**

0.0880 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3750 inches single shaft

**Schematic Diagram Designator:**

1 rotor, 2 stator

**Fragility Factor:**

Moderately rugged

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

5.0

**Stator Input Current Rating:**

2.8 milliamperes

**Stator Input Electrical Power Rating:**

3.6 milliwatts

**Frequency In Hertz:**

400.0

**Zso Resistance In Ohms:**

457.00

**Rotor Dc Resistance In Ohms:**

364.00

**Stator Dc Resistance In Ohms:**

304.00

**Phase Shift Angle In Deg:**

10.000 input to output

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

40.00

**Electrical Error Angular Range In Minutes:**

-30.0/+30.0

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

30.00 centimeter-grams

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

10.00 centimeter-grams

**Alignment Hole Quantity:**

3

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0001 inches and 0.0005 inches

**Terminal Designator And Schematic Position:**

Connection r1 position a and connection r2 position b and connection r3 position c and connection s1 position h and connection s2 position e and connection s3 position j and connection s4 position f

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0625 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0934 inches single shaft

**Plus J Zso Reactance In Ohms:**

1727.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0781 inches

**Transformation Ratio:**

0.767 stator to rotor

**Alignment Hole Bolt Circle Diameter:**

Between 0.6750 inches and 0.6810 inches

**Shaft Radial Play Determining Weight:**

1.4 ounces

**Shaft End Play Determining Weight:**

3.0 ounces

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800