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**Body Material:**

Aluminum alloy or steel, stainless

**Body Style:**

Standard round b

**Shoulder Diameter:**

1.3120 inches

**Pilot Diameter:**

0.8750 inches

**Overall Length:**

1.4370 inches

**Flange Diameter:**

1.4370 inches

**Flange Thickness:**

0.0830 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1873 inches single shaft

**Shaft Length:**

0.5310 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Body Size:**

15

**Stator Input Voltage Rating In Volts:**

30.0

**Stator Input Current Rating:**

45.0 milliamperes

**Frequency In Hertz:**

400.0

**Rotor Dc Resistance In Ohms:**

200.00

**Stator Dc Resistance In Ohms:**

295.00

**Transformation Ratio Equality In Percent:**

0.1

**Compensation Method:**

Resistor compensated

**Compensator Dc Resistance In Ohms:**

295.00

**Compensator Transformation Ratio In Percent:**

0.985 rotor to compensator

**Phase Shift Angle In Deg:**

6.000 input to output

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

150.00

**Interaxis Error Angular Range In Minutes:**

-5.0/+5.0

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

2.00 inch-ounces

**Alignment Hole Quantity:**

4

**Shaft Maximum Radial Play:**

0.0005 inches

**Terminal Designator And Schematic Position:**

Connection r1 position j and connection r2 position g and connection r3 position e and connection r4 position j and connection s1 position b and connection s2 position c and connection s3 position a and connection s4 position d and connection c1 position l and connection c2 position m and connection c3 position k and connection c4 position n

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

2.0630 inches

**Shaft Maximum Runout:**

0.0005 inches

**Terminal Location:**

Rear

**Shaft Type:**

Round single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.980 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

1.1000 inches

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A07800