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**Shoulder Diameter:**

Between 1.0620 inches and 1.0630 inches

**Pilot Diameter:**

Between 0.6100 inches and 0.6300 inches

**Second Shoulder Diameter:**

Between 1.2400 inches and 1.2600 inches

**Second Shoulder Length:**

0.0625 inches

**Overall Length:**

3.9730 inches

**Flange Thickness:**

0.2500 inches

**Shaft Diameter:**

0.2032 inches single shaft and 0.2035 inches single shaft

**Shaft Length:**

0.6250 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

90.0

**Stator Input Current Rating:**

24.0 milliamperes

**Stator Input Electrical Power Rating:**

580.0 milliwatts

**Frequency In Hertz:**

60.0

**Zro Resistance In Ohms:**

596.00

**Zso Resistance In Ohms:**

667.00

**Zrs Resistance In Ohms:**

850.00

**Rotor Dc Resistance In Ohms:**

435.00

**Stator Dc Resistance In Ohms:**

465.00

**Phase Shift Angle In Deg:**

14.000 input to output

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

60.00

**Shaft End Play:**

0.0150 inches

**Shoulder Length:**

Between 0.1480 inches and 0.1520 inches

**Second Shoulder Face To Rear Flange Distance:**

1.7000 inches

**Shaft Maximum Runout:**

0.0020 inches

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

3a

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

930.00

**Shaft Slot Depth:**

0.0450 inches single shaft and 0.0600 inches single shaft

**Plus J Zso Reactance In Ohms:**

2030.00

**Shaft Slot Width:**

0.0350 inches single shaft

**Plus J Zrs Reactance In Ohms:**

310.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.720 rotor to stator and 0.750 rotor to stator

**Shaft Thread Size:**

0.1900 inches single shaft

**Shaft End Play Determining Weight:**

48.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800