

View Online at <https://aerobasegroup.com/nsn/5990-00-795-3038>

**Body Material:**

Aluminum

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.7350 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.4370 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

45.0 milliamperes

**Rotor Input Electrical Power Rating:**

320.0 allqjaa3.500 microwatts

**Zro Resistance In Ohms:**

127.00

**Rotor Dc Resistance In Ohms:**

72.00

**Stator Dc Resistance In Ohms:**

75.00

**Phase Shift Angle In Deg:**

7.500 input to output

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

0.025

**Maximum Linear Range In Deg:**

-50.0/+50.0

**Linearity In Percent:**

0.50

**Output Voltage Change Per Deg In Volts:**

0.26

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

1.00 inch-ounces

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

1.00 inch-ounces

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0002 inches and 0.0007 inches

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

565.00

**Shaft Type:**

Round, flatted single shaft

**Shaft Flatted Portion Thickness:**

0.0580 inches single shaft

**Shaft Flatted Portion Length:**

0.3370 inches single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800