

View Online at <https://aerobasegroup.com/nsn/5990-00-884-1743>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 2.1345 inches and 2.1350 inches

**Pilot Diameter:**

Between 0.9370 inches and 0.9375 inches

**Overall Length:**

1.5710 inches

**Flange Diameter:**

Between 2.2970 inches and 2.3000 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

Between 2.2090 inches and 2.2150 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.2492 inches single shaft and 0.2497 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Schematic Diagram Designator:**

Err-090

**Fragility Factor:**

Moderately rugged

**Maximum Temperature Rise:**

45.0 degrees celsius

**Body Size:**

23

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

7.7 milliamperes

**Stator Input Electrical Power Rating:**

80.0 milliwatts

**Frequency In Hertz:**

400.0

**Zso Resistance In Ohms:**

1495.00

**Zrs Resistance In Ohms:**

675.00

**Phase Shift Angle In Deg:**

5.000 input to output

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

10.00 output

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

20.00

**Electrical Error Angular Range In Minutes:**

-1.0/+1.0

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

0.20 inch-ounces

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

0.50 inch-ounces

**Pilot Length:**

0.0590 mils and 0.0650 centimeters

**Shoulder Length:**

0.0590 mils and 0.0650 centimeters

**Mounting Surface To Terminal End Distance:**

0.8370 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zso Reactance In Ohms:**

11870.00

**Plus J Zrs Reactance In Ohms:**

741.00

**Shaft Type:**

Round single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800