

View Online at <https://aerobasegroup.com/nsn/5990-01-212-2037>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.5786 inches

**Flange Diameter:**

Between 0.7470 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Shaft Diameter:**

0.5790 inches and 0.6090 inches single shaft

**Shaft Length:**

0.1195 inches and 0.1200 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

170.0 milliamperes

**Rotor Input Electrical Power Rating:**

930.0 milliwatts

**Zro Resistance In Ohms:**

32.00

**Zso Resistance In Ohms:**

7.30

**Zrs Resistance In Ohms:**

55.00

**Rotor Dc Resistance In Ohms:**

24.00

**Stator Dc Resistance In Ohms:**

8.50

**Phase Shift Angle In Deg:**

9.500 input to output

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

30.00 output

**Electrical Error Angular Range In Minutes:**

-7.0 to 7.0

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

0.0008 inches

**Pilot Length:**

Between 0.0370 inches and 0.0480 inches

**Mounting Surface To Terminal End Distance:**

1.3680 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

150.00

**Shaft Slot Depth:**

0.0200 inches and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

26.20

**Shaft Slot Width:**

0.0150 inches and 0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

17.00

**Shaft Type:**

Round, slotted single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800