

View Online at <https://aerobasegroup.com/nsn/5990-00-137-2913>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.8660 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1245 inches single shaft and 0.1250 inches single shaft

**Shaft Length:**

0.6250 inches single shaft

**Maximum Temperature Rise:**

85.0 degrees celsius

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

11.8

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

0.113 amperes

**Rotor Input Electrical Power Rating:**

0.54 watts finished-chamfered

**Zro Resistance In Ohms:**

54.00

**Zso Resistance In Ohms:**

12.00

**Zrs Resistance In Ohms:**

88.00

**Rotor Dc Resistance In Ohms:**

37.00

**Stator Dc Resistance In Ohms:**

12.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

40.00 output

**Electrical Error Angular Range In Minutes:**

-20.0/+20.0

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

9.00 centimeter-grams

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

3.00 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

0.0015 inches

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Front

**Plus J Zro Reactance In Ohms:**

260.00

**Plus J Zso Reactance In Ohms:**

45.00

**Plus J Zrs Reactance In Ohms:**

22.00

**Shaft Type:**

Round single shaft

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 tab w/screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800