

View Online at <https://aerobasegroup.com/nsn/5990-01-031-4130>

**Body Material:**

Aluminum alloy

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.6590 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.3750 inches single shaft

**Maximum Temperature Rise:**

5.0 degrees celsius

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

11.8

**Frequency In Hertz:**

800.0

**Rotor Input Current Rating:**

43.0 milliamperes

**Rotor Input Electrical Power Rating:**

120.0 milliwatts

**Zro Resistance In Ohms:**

72.00

**Zso Resistance In Ohms:**

82.00

**Zss Resistance In Ohms:**

101.00

**Rotor Dc Resistance In Ohms:**

61.00

**Stator Dc Resistance In Ohms:**

49.50

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

60.00 output

**Interaxis Error Angular Range In Minutes:**

-30.0/+30.0

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

9.00 centimeter-grams

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

3.00 centimeter-grams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

270.00

**Shaft Slot Depth:**

0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

342.00

**Shaft Slot Width:**

0.0300 inches single shaft

**Plus J Zrs Reactance In Ohms:**

27.00

**Shaft Type:**

Round, slotted single shaft

**Plus J Zss Reactance In Ohms:**

37.00

**Transformation Ratio:**

1.022 stator to rotor

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800