

View Online at <https://aerobasegroup.com/nsn/5990-00-146-3532>

**Body Style:**

Standard round a

**Overall Length:**

Between 0.8750 inches and 1.7310 inches

**Shaft Diameter:**

0.1200 inches rear shaft

**Shaft Length:**

0.4900 inches rear shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

Between 6.3640 and 7.7780

**Frequency In Hertz:**

Between 1287.0 and 1313.0

**Rotor Input Current Rating:**

4.0 milliamperes

**Rotor Input Electrical Power Rating:**

170.0 milliwatts

**Zro Resistance In Ohms:**

Between 302.10 and 333.90

**Zso Resistance In Ohms:**

Between 57.80 and 78.20

**Rotor Dc Resistance In Ohms:**

Between 102.00 and 138.00

**Stator Dc Resistance In Ohms:**

Between 19.30 and 26.10

**Phase Shift Angle In Deg:**

Between 3.200 input to output and 4.800 input to output

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

10.00

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

0.13 inch-ounces

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

Between 1496.00 and 2024.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 352.05 and 474.95

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 0.323 stator to rotor and 0.601 stator to rotor

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800