

View Online at <https://aerobasegroup.com/nsn/5990-00-373-9787>

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4997 inches and 0.5000 inches

**Overall Length:**

1.7810 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Maximum Temperature Rise:**

25.0 degrees celsius

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

100.0 milliamperes

**Rotor Input Electrical Power Rating:**

540.0 milliwatts

**Zro Resistance In Ohms:**

Between 39.00 and 54.00

**Rotor Dc Resistance In Ohms:**

37.00

**Phase Shift Angle In Deg:**

Between 7.000 input to output and 10.000 input to output

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

0.02 output

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

0.03

**Electrical Error Angular Range In Minutes:**

-5.0/+5.0

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

0.04 inch-ounces

**Torque Gradient Per Angular Deg:**

2200.000 millimeter-milligrams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

260.00

**Shaft Type:**

Round, flatted single shaft

**Transformation Ratio:**

0.454 rotor to stator

**Shaft Flatted Portion Thickness:**

0.0750 inches single shaft

**Shaft Flatted Portion Length:**

0.3700 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800