

View Online at <https://aerobasegroup.com/nsn/5990-00-001-7588>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.4310 inches and 1.4710 inches

**Flange Diameter:**

Between 0.7400 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.1410 inches single shaft and 0.1710 inches single shaft

**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:**

54.00

**Zso Resistance In Ohms:**

12.00

**Rotor Dc Resistance In Ohms:**

37.00

**Stator Dc Resistance In Ohms:**

10.40

**Phase Shift Angle In Deg:**

8.500 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

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2900 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1260.00

**Plus J Zso Reactance In Ohms:**

140.00

**Shaft Type:**

Round, flatted single shaft

**Shaft Flatted Portion Thickness:**

0.0130 inches single shaft and 0.0170 inches single shaft

**Shaft Flatted Portion Length:**

0.0850 inches single shaft and 0.0950 inches single shaft

**Terminal Type And Quantity:**

5 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800