

View Online at <https://aerobasegroup.com/nsn/5990-00-603-9286>

**Body Material:**

Aluminum

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.7560 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.4850 inches single shaft and 0.5150 inches single shaft

**Maximum Temperature Rise:**

6.0 degrees celsius

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

Between 10.2 and 11.8

**Stator Input Current Rating:**

40.0 amperes

**Stator Input Electrical Power Rating:**

100.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

470.00

**Zso Resistance In Ohms:**

81.00

**Zrs Resistance In Ohms:**

590.00

**Rotor Dc Resistance In Ohms:**

365.00

**Stator Dc Resistance In Ohms:**

64.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

40.00 output

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

60.00

**Electrical Error Angular Range In Minutes:**

-15.0/+15.0

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

9.0 centimeter-grams

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

3.0 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:**

1700.00

**Shaft Slot Depth:**

0.0620 inches single shaft

**Plus J Zso Reactance In Ohms:**

330.00

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

190.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

2.182 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800