

View Online at <https://aerobasegroup.com/nsn/5990-00-140-0103>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.7020 inches and 1.7260 inches

**Flange Diameter:**

Between 0.7470 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:**

0.1195 inches and 0.1200 inches single shaft

**Shaft Length:**

0.4620 inches and 0.4860 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

10.2

**Stator Input Current Rating:**

87.0 milliamperes

**Stator Input Electrical Power Rating:**

210.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

38.00

**Zso Resistance In Ohms:**

28.00

**Zrs Resistance In Ohms:**

47.00

**Phase Shift Angle In Deg:**

9.000 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

3.00 centimeter-grams

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

9.00 centimeter-grams

**Pilot Length:**

Between 0.0380 inches and 0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

122.00

**Shaft Slot Depth:**

0.0250 inches and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

114.00

**Shaft Slot Width:**

0.0200 inches and 0.0300 inches single shaft

**Plus J Zrs Reactance In Ohms:**

13.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.127 rotor to stator

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800