

View Online at <https://aerobasegroup.com/nsn/5990-00-161-2797>

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 0.9030 inches and 2.4000 inches

**Flange Diameter:**

Between 0.7470 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.1200 inches rear shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

Between 2.8 and 3.4

**Stator Input Current Rating:**

3.0 milliamperes

**Frequency In Hertz:**

Between 1.2 and 1.3

**Zro Resistance In Ohms:**

Between 330.00 and 446.00

**Zso Resistance In Ohms:**

Between 399.00 and 541.00

**Phase Shift Angle In Deg:**

2.000 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

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.6500 inches

**Terminal Location:**

Side

**Plus J Zro Reactance In Ohms:**

Between 964.00 and 1304.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

Between 1054.00 and 1426.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

Between 16.335 rotor to stator and 16.665 rotor to stator

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800