

View Online at <https://aerobasegroup.com/nsn/5990-00-234-9136>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.6060 inches and 1.6300 inches

**Flange Diameter:**

Between 0.7490 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:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3660 inches single shaft and 0.3900 inches single shaft

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

26.0

**Stator Input Current Rating:**

36.0 milliamperes

**Stator Input Electrical Power Rating:**

0.133 watts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

1480.00

**Zro Impedance Angle In Deg:**

80.90

**Zso Impedance Magnitude In Ohms:**

930.00

**Zso Impedance Angle In Deg:**

79.40

**Zrs Impedance Magnitude In Ohms:**

317.00

**Zrs Impedance Angle In Deg:**

31.40

**Zss Impedance Magnitude In Ohms:**

208.00

**Zss Impedance Angle In Deg:**

30.30

**Phase Shift Angle In Deg:**

6.500 input to output

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

20.00 output

**Electrical Error Angular Range In Minutes:**

-12.8/+12.8

**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:**

0.0380 mils and 0.0430 centimeters

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0250 inches single shaft and 0.0350 inches single shaft

**Shaft Slot Width:**

0.0200 inches single shaft and 0.0300 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

1.138 rotor to stator

**Terminal Type And Quantity:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800