

View Online at <https://aerobasegroup.com/nsn/5990-00-107-7157>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

Between 2.1660 inches and 2.1860 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9800 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1870 inches single shaft and 0.1873 inches single shaft

**Shaft Length:**

0.4750 inches single shaft and 0.4950 inches single shaft

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

245.0 milliamperes

**Rotor Input Electrical Power Rating:**

1.7 watts

**Zro Impedance Magnitude In Ohms:**

Between 90.95 and 123.05

**Zro Impedance Angle In Deg:**

Between 76.70 and 86.70

**Zso Impedance Magnitude In Ohms:**

Between 15.38 and 20.80

**Zso Impedance Angle In Deg:**

Between 74.50 and 84.50

**Rotor Dc Resistance In Ohms:**

8.50



**Stator Dc Resistance In Ohms:**

3.00

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

17.00 output

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

26.00

**Electrical Error Angular Range In Minutes:**

-5.5/+5.5

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

40.0 centimeter-grams

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

20.0 centimeter-grams

**Pilot Length:**

Between 0.0590 inches and 0.0650 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.6910 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0300 inches single shaft

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.322 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