

View Online at <https://aerobasegroup.com/nsn/5990-00-107-7156>

**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

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

Between 364.50 and 445.50

**Zro Impedance Angle In Deg:**

Between 77.00 and 83.00

**Zso Impedance Magnitude In Ohms:**

Between 283.50 and 346.50

**Zso Impedance Angle In Deg:**

Between 79.00 and 85.00

**Rotor Dc Resistance In Ohms:**

40.00

**Stator Dc Resistance In Ohms:**

60.00

**Phase Shift Angle In Deg:**

5.000 input to output

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

10.00 output

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

30.00

**Electrical Error Angular Range In Minutes:**

-5.5/+5.5

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

40.00 centimeter-grams

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

20.00 centimeter-grams

**Shaft Radial Play Test Point:**

0.250 inches

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

0.0015 inches

**Pilot Length:**

0.0590 mils and 0.0650 centimeters

**Shoulder Length:**

0.0590 mils and 0.0650 centimeters

**Mounting Surface To Terminal End Distance:**

1.6910 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0260 inches single shaft and 0.0360 inches single shaft

**Shaft Slot Width:**

0.0260 inches single shaft and 0.0360 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.850 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800