

View Online at <https://aerobasegroup.com/nsn/5990-00-786-5410>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.3710 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.3130 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

21.0 milliamperes

**Stator Input Electrical Power Rating:**

35.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

3340.00

**Zro Impedance Angle In Deg:**

79.20

**Zso Impedance Magnitude In Ohms:**

577.00

**Zso Impedance Angle In Deg:**

80.70

**Zrs Impedance Magnitude In Ohms:**

659.00

**Zrs Impedance Angle In Deg:**

30.10

**Rotor Dc Resistance In Ohms:**

385.00

**Stator Dc Resistance In Ohms:**

60.00

**Phase Shift Angle In Deg:**

4.200 input to output

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

34.00 output

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

53.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7990 inches

**Shaft Maximum Runout:**

0.0008 inches

**Terminal Location:**

Rear

**Shaft Slot Depth:**

0.0260 inches single shaft

**Shaft Slot Width:**

0.0290 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

2.203 rotor to stator

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

16.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800