

View Online at <https://aerobasegroup.com/nsn/5990-00-068-3592>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round, rotatable stator c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.8450 inches

**Flange Diameter:**

1.1880 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

1.0000 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.5090 inches single shaft

**Maximum Temperature Rise:**

30.0 degrees celsius

**Body Size:**

12

**Stator Input Voltage Rating In Volts:**

10.2

**Stator Input Current Rating:**

86.0 milliamperes

**Stator Input Electrical Power Rating:**

170.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Impedance Magnitude In Ohms:**

777.50

**Zro Impedance Angle In Deg:**

77.80

**Zso Impedance Magnitude In Ohms:**

132.50

**Zso Impedance Angle In Deg:**

78.85

**Rotor Dc Resistance In Ohms:**

95.00

**Stator Dc Resistance In Ohms:**

14.00

**Phase Shift Angle In Deg:**

5.500 input to output

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

28.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

55.00 inch-ounces

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

11.00 inch-ounces

**Shaft End Play:**

0.0005 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

2.2670 inches

**Shaft Maximum Runout:**

0.0008 inches

**Terminal Location:**

Rear

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

2.206 rotor to stator

**Shaft End Play Determining Weight:**

4.0 ounces

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800