

View Online at <https://aerobasegroup.com/nsn/5990-01-112-5281>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.9995 inches and 1.0005 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.2570 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

0.9680 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1205 inches single shaft

**Shaft Length:**

0.4690 inches single shaft and 0.5310 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

131.0 milliamperes

**Stator Input Electrical Power Rating:**

400.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

14.00

**Zso Resistance In Ohms:**

15.00

**Zss Resistance In Ohms:**

13.20

**Phase Shift Angle In Deg:**

7.000 input to output

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

40.00

**Electrical Error Angular Range In Minutes:**

-12.0/+12.0

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

15.0 centimeter-grams

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

7.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 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:**

1.6870 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

67.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

72.00

**Shaft Slot Width:**

0.0310 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Plus J Zss Reactance In Ohms:**

6.80

**Transformation Ratio:**

1.112 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:**

No

**Fiig:**

A07800