

View Online at <https://aerobasegroup.com/nsn/5990-00-163-4173>

**Body Material:**

Steel, corrosion resisting

**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:**

2.4040 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9995 inches and 1.0000 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.5520 inches single shaft and 0.5760 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

176.0 milliamperes

**Rotor Input Electrical Power Rating:**

900.0 milliwatts

**Zro Resistance In Ohms:**

32.00

**Zso Resistance In Ohms:**

7.00

**Rotor Dc Resistance In Ohms:**

24.00

**Stator Dc Resistance In Ohms:**

4.20

**Phase Shift Angle In Deg:**

8.000 input to output

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

15.00 output

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

20.00

**Interaxis Error Angular Range In Minutes:**

-5.0 to 5.0

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

**Electrical Error Angular Range In Minutes:**

-3.0 to 3.0

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8280 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

166.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

41.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.454 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

1.6240 inches

**Terminal Type And Quantity:**

8 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800