

View Online at <https://aerobasegroup.com/nsn/5990-00-236-8152>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6150 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

Between 0.0590 inches and 0.0650 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.0900 inches rear shaft

**Shaft Length:**

0.3850 inches rear shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

29.0 milliamperes

**Rotor Input Electrical Power Rating:**

740.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

874.00

**Zso Resistance In Ohms:**

9.50

**Zrs Resistance In Ohms:**

1480.00

**Rotor Dc Resistance In Ohms:**

687.00

**Stator Dc Resistance In Ohms:**

10.30

**Phase Shift Angle In Deg:**

9.200 input to output

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

75.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

7.0 centimeter-grams

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

3.0 millimeter-milligrams

**Torque Gradient Per Angular Deg:**

2400.000 millimeter-milligrams

**Alignment Hole Quantity:**

2

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Pilot Length:**

0.0390 mils and 0.0430 centimeters

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

3860.00

**Shaft Slot Depth:**

0.0250 inches single shaft

**Plus J Zso Reactance In Ohms:**

34.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

325.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0500 inches

**Alignment Hole Bolt Circle Diameter:**

Between 0.5670 inches and 0.5730 inches

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800