

View Online at <https://aerobasegroup.com/nsn/5990-00-835-8972>

**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:**

2.0560 inches

**Flange Diameter:**

Between 1.0610 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3740 inches single shaft

**Maximum Temperature Rise:**

20.0 degrees celsius

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

210.0 milliamperes

**Stator Input Electrical Power Rating:**

550.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

12.50

**Zso Resistance In Ohms:**

12.50

**Zrs Resistance In Ohms:**

13.40

**Rotor Dc Resistance In Ohms:**

10.10

**Stator Dc Resistance In Ohms:**

9.10

**Phase Shift Angle In Deg:**

8.500 input to output

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

25.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

30.0 centimeter-grams

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

10.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.6820 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

52.00

**Shaft Slot Depth:**

0.0470 inches single shaft

**Plus J Zso Reactance In Ohms:**

60.50

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

7.80

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0940 inches

**Transformation Ratio:**

1.160 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

0.8120 inches

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800