

View Online at <https://aerobasegroup.com/nsn/5990-00-133-0102>

**Body Material:**

Any acceptable

**Body Style:**

Standard round, rotatable housing

**Shoulder Diameter:**

Between 0.6245 inches and 0.6255 inches

**Overall Length:**

1.9750 inches

**Flange Diameter:**

Between 1.0610 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Body Diameter:**

1.0620 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3130 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

240.0 milliamperes

**Rotor Input Electrical Power Rating:**

920.0 milliwatts

**Zro Resistance In Ohms:**

16.00

**Zso Resistance In Ohms:**

5.70

**Rotor Dc Resistance In Ohms:**

8.50

**Stator Dc Resistance In Ohms:**

3.00

**Phase Shift Angle In Deg:**

5.000 input to output

**Electrical Error Angular Range In Minutes:**

-7.0 to 7.0

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

9.0 centimeter-grams

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

3.0 centimeter-grams

**Torque Gradient Per Angular Deg:**

5700.0 millimeter-milligrams

**Alignment Hole Quantity:**

4

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0003 inches and 0.0008 inches

**Shoulder Length:**

Between 0.0590 inches and 0.0650 inches

**Mounting Surface To Terminal End Distance:**

1.4450 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

107.00

**Shaft Slot Depth:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Plus J Zso Reactance In Ohms:**

18.10

**Shaft Slot Width:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0700 inches

**Alignment Hole Bolt Circle Diameter:**

Between 0.8090 inches and 0.8150 inches

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800