

View Online at <https://aerobasegroup.com/nsn/5990-00-583-3500>

**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:**

2.1070 inches

**Flange Diameter:**

Between 1.0590 inches and 1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

Between 0.9700 inches and 0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.3120 inches single shaft

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

10.2

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

2.8 milliamperes

**Rotor Input Electrical Power Rating:**

30.0 milliwatts

**Zro Resistance In Ohms:**

37.00

**Zso Resistance In Ohms:**

32.00

**Zrs Resistance In Ohms:**

170.00

**Rotor Dc Resistance In Ohms:**

26.00

**Stator Dc Resistance In Ohms:**

86.00

**Phase Shift Angle In Deg:**

5.000 output to input

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

10.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

5.0 centimeter-grams

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

3.0 centimeter-grams

**Alignment Hole Quantity:**

4

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7950 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

140.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

15.00

**Shaft Slot Width:**

0.0310 inches single shaft

**Plus J Zrs Reactance In Ohms:**

96.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.1250 inches

**Transformation Ratio:**

0.454 stator to rotor

**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:**

Yes - demil/mli

**Fig:**

A07800