

View Online at <https://aerobasegroup.com/nsn/5990-00-465-4903>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.4130 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.8350 inches and 0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.1720 inches single shaft and 0.1860 inches single shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

40.0 milliamperes

**Rotor Input Electrical Power Rating:**

800.0 milliwatts

**Zro Resistance In Ohms:**

563.00

**Zso Resistance In Ohms:**

6.25

**Zrs Resistance In Ohms:**

821.00

**Rotor Dc Resistance In Ohms:**

321.00

**Stator Dc Resistance In Ohms:**

5.85

**Phase Shift Angle In Deg:**

8.000 input to output

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

50.00

**Electrical Error Angular Range In Minutes:**

-15.0/+15.0

**Torque Gradient Per Angular Deg:**

2900.0 millimeter-milligrams

**Alignment Hole Quantity:**

3

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0630 inches

**Mounting Surface To Terminal End Distance:**

1.2650 inches

**Terminal Location:**

Side

**Plus J Zro Reactance In Ohms:**

3080.00

**Plus J Zso Reactance In Ohms:**

24.80

**Plus J Zrs Reactance In Ohms:**

314.00

**Shaft Type:**

Round, flatted single shaft

**Alignment Hole Depth:**

0.0730 inches

**Transformation Ratio:**

0.103 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.6750 inches and 0.6810 inches

**Shaft Flatted Portion Thickness:**

0.0750 inches single shaft

**Shaft Flatted Portion Length:**

0.0880 inches single shaft and 0.0930 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800