

View Online at <https://aerobasegroup.com/nsn/5990-00-137-2921>

**Body Material:**

Any acceptable

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.4780 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

Between 0.6880 inches and 0.6910 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.8950 inches single shaft and 0.9000 inches single shaft

**Shaft Length:**

0.2230 inches single shaft and 0.2370 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

11.8

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

470.00

**Zso Resistance In Ohms:**

80.00

**Zss Resistance In Ohms:**

501.00

**Phase Shift Angle In Deg:**

8.500 input to output

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

30.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

6.0 centimeter-grams

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

3.0 centimeter-grams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1770.00

**Plus J Zso Reactance In Ohms:**

330.00

**Shaft Type:**

Round single shaft

**Plus J Zss Reactance In Ohms:**

190.00

**Transformation Ratio:**

0.524 rotor to stator

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800