

View Online at <https://aerobasegroup.com/nsn/5990-00-826-5503>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.3745 inches and 0.3750 inches

**Overall Length:**

1.6150 inches

**Flange Diameter:**

Between 0.4990 inches and 0.5000 inches

**Flange Thickness:**

0.0310 inches

**Undercut Diameter:**

0.4370 inches

**Undercut Width:**

0.0400 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3350 inches single shaft

**Body Size:**

6

**Stator Input Voltage Rating In Volts:**

10.2

**Stator Input Current Rating:**

49.0 milliamperes

**Stator Input Electrical Power Rating:**

170.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

450.00

**Zso Resistance In Ohms:**

73.00

**Zrs Resistance In Ohms:**

700.00

**Rotor Dc Resistance In Ohms:**

400.00

**Stator Dc Resistance In Ohms:**

80.00

**Phase Shift Angle In Deg:**

18.000 input to output

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

65.00

**Electrical Error Angular Range In Minutes:**

-10.0/+10.0

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

15.00 centimeter-grams

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

3.00 centimeter-grams

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

1150.00

**Plus J Zso Reactance In Ohms:**

196.00

**Plus J Zrs Reactance In Ohms:**

174.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

2.203 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

**Fig:**

A07800