

View Online at <https://aerobasegroup.com/nsn/5990-00-859-2932>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

0.8123 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.6570 inches

**Flange Diameter:**

0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.8400 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches single shaft

**Shaft Length:**

0.3780 inches single shaft

**Body Size:**

10

**Rotor Input Voltage Rating In Volts:**

26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

205.0 milliamperes

**Rotor Input Electrical Power Rating:**

950.0 milliwatts

**Zro Resistance In Ohms:**

26.50

**Zso Resistance In Ohms:**

5.80

**Zrs Resistance In Ohms:**

33.20

**Rotor Dc Resistance In Ohms:**

13.90

**Stator Dc Resistance In Ohms:**

4.70

**Phase Shift Angle In Deg:**

5.100 input to output

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

50.00

**Electrical Error Angular Range In Minutes:**

-7.5/+7.5

**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:**

4000.0 millimeter-milligrams

**Shaft End Play:**

0.0015 inches

**Pilot Length:**

0.0380 inches

**Shoulder Length:**

0.0630 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

150.00

**Plus J Zso Reactance In Ohms:**

25.80

**Plus J Zrs Reactance In Ohms:**

12.10

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.454 rotor to stator

**Shaft End Play Determining Weight:**

4.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800