

View Online at <https://aerobasegroup.com/nsn/5990-00-937-1089>

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 1.7600 inches and 1.8120 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0620 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.0900 inches rear shaft

**Shaft Length:**

0.3910 inches rear shaft

**Maximum Temperature Rise:**

10.0 degrees celsius

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

85.0 milliamperes

**Stator Input Electrical Power Rating:**

292.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

210.00

**Zso Resistance In Ohms:**

41.00

**Zrs Resistance In Ohms:**

300.00

**Rotor Dc Resistance In Ohms:**

153.00

**Stator Dc Resistance In Ohms:**

41.00

**Phase Shift Angle In Deg:**

13.000 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

30.00 output

**Electrical Error Angular Range In Minutes:**

-15.0/+15.0

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

9.00 centimeter-grams

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

3.00 centimeter-grams

**Pilot Length:**

Between 0.0330 inches and 0.0540 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.1790 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

650.00

**Plus J Zso Reactance In Ohms:**

126.00

**Plus J Zrs Reactance In Ohms:**

90.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

2.029 stator to rotor

**Terminal Type And Quantity:**

5 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A07800