

View Online at <https://aerobasegroup.com/nsn/5990-00-956-7658>

**Body Style:**

Standard round b

**Shoulder Diameter:**

Between 0.9995 inches and 1.0000 inches

**Pilot Diameter:**

Between 0.6245 inches and 0.6250 inches

**Overall Length:**

2.4720 inches

**Flange Diameter:**

Between 1.0570 inches and 1.0650 inches

**Flange Thickness:**

Between 0.0570 inches and 0.0980 inches

**Undercut Width:**

Between 0.0450 inches and 0.0860 inches

**Shaft Diameter:**

0.1195 inches single shaft and 0.1200 inches single shaft

**Shaft Length:**

0.6090 inches single shaft and 0.6410 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

30.0

**Stator Input Current Rating:**

4.0 milliamperes

**Stator Input Electrical Power Rating:**

15.0 milliwatts

**Frequency In Hertz:**

5000.0

**Zro Resistance In Ohms:**

2730.00

**Zso Resistance In Ohms:**

2550.00

**Zrs Resistance In Ohms:**

280.00

**Zss Resistance In Ohms:**

275.00

**Compensation Method:**

Winding compensated

**Err Default:**

Err default

**Compensator Transformation Ratio In Percent:**

Between 0.970 rotor to compensator and 1.010 rotor to compensator

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

1.00 output

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

1.00

**Interaxis Error Angular Range In Minutes:**

-5.0/+5.0

**Output Voltage Functional Error Range In Percent:**

-0.1/+0.1

**Electrical Error Angular Range In Minutes:**

-3.0/+3.0

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

12.00 centimeter-grams

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

3.00 centimeter-grams

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8310 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

7520.00

**Shaft Slot Depth:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Plus J Zso Reactance In Ohms:**

7050.00

**Shaft Slot Width:**

0.0220 inches single shaft and 0.0320 inches single shaft

**Plus J Zrs Reactance In Ohms:**

760.00

**Shaft Type:**

Round, slotted single shaft

**Plus J Zss Reactance In Ohms:**

710.00

**Transformation Ratio:**

Between 0.960 rotor to stator and 1.000 rotor to stator

**Err Default:**

Err default

**Terminal Type And Quantity:**

12 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800