

View Online at <https://aerobasegroup.com/nsn/5990-00-959-8280>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.5000 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0450 inches

**Shaft Diameter:**

0.1195 inches single shaft

**Shaft Length:**

0.4750 inches single shaft

**Body Size:**

11

**Stator Input Voltage Rating In Volts:**

22.0

**Stator Input Current Rating:**

5.2 milliamperes

**Stator Input Electrical Power Rating:**

10.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

400.00

**Zso Resistance In Ohms:**

360.00

**Rotor Dc Resistance In Ohms:**

330.00

**Stator Dc Resistance In Ohms:**

305.00

**Transformation Ratio Equality In Percent:**

0.04

**Compensation Method:**

Winding compensated

**Err Default:**

Err default

**Compensator Dc Resistance In Ohms:**

350.00

**Compensator Transformation Ratio In Percent:**

1.0007 rotor to compensator

**Phase Shift Angle In Deg:**

8.500 input to output

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

8.00 output

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

10.00

**Interaxis Error Angular Range In Minutes:**

-3.0/+3.0

**Electrical Error Angular Range In Minutes:**

-2.5/+2.5

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

16.0 centimeter-grams

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

4.0 centimeter-grams

**Shaft End Play:**

0.0015 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.8850 inches

**Shaft Maximum Runout:**

0.0005 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2325.00

**Shaft Slot Depth:**

0.0310 inches single shaft

**Plus J Zso Reactance In Ohms:**

2200.00

**Shaft Slot Width:**

0.0295 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.980 rotor to stator

**Err Default:**

Err default

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

12 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A07800