

View Online at <https://aerobasegroup.com/nsn/5990-00-709-9187>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round a

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.7670 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6870 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.4310 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Body Size:**

8

**Stator Input Voltage Rating In Volts:**

26.0

**Stator Input Current Rating:**

32.0 milliamperes

**Stator Input Electrical Power Rating:**

110.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

734.00

**Zso Resistance In Ohms:**

115.00

**Rotor Dc Resistance In Ohms:**

478.00

**Stator Dc Resistance In Ohms:**

105.00

**Phase Shift Angle In Deg:**

9.000 output to input

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

30.00 output

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

40.00

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

10.000 inch-ounces

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

5.000 inch-ounces

**Shaft Maximum Radial Play:**

0.0008 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

0.0400 inches

**Mounting Surface To Terminal End Distance:**

1.2810 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2400.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Shaft Slot Width:**

0.0300 inches single shaft

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

2.203 stator to rotor

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

1.0 ounces

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800