

View Online at <https://aerobasegroup.com/nsn/5990-00-946-3315>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round a

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

1.6010 inches

**Flange Diameter:**

Between 0.7490 inches and 0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.6910 inches

**Undercut Width:**

0.0570 inches

**Shaft Diameter:**

0.0895 inches single shaft and 0.0900 inches single shaft

**Shaft Length:**

0.3600 inches single shaft and 0.3900 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

Between 0.5 and 26.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

5.0 milliamperes

**Rotor Input Electrical Power Rating:**

16.0 milliwatts

**Zro Resistance In Ohms:**

2040.00

**Zso Resistance In Ohms:**

430.00

**Zrs Resistance In Ohms:**

395.00

**Rotor Dc Resistance In Ohms:**

230.00

**Stator Dc Resistance In Ohms:**

27.00

**Transformation Ratio Equality In Percent:**

3.0

**Phase Shift Angle In Deg:**

2.000 input to output

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

20.00 output

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

30.00

**Interaxis Error Angular Range In Minutes:**

-5.0/+5.0

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

14.0 centimeter-grams

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

5.0 centimeter-grams

**Pilot Length:**

0.0430 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

5830.00

**Shaft Slot Depth:**

0.0200 inches single shaft and 0.0350 inches single shaft

**Plus J Zso Reactance In Ohms:**

1300.00

**Shaft Slot Width:**

0.0150 inches single shaft and 0.0350 inches single shaft

**Plus J Zrs Reactance In Ohms:**

575.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.444 rotor to stator

**Terminal Type And Quantity:**

7 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800