

View Online at <https://aerobasegroup.com/nsn/5990-00-919-2110>

**Body Material:**

Steel, corrosion resisting

**Body Style:**

Standard round c

**Shoulder Diameter:**

0.7000 inches

**Pilot Diameter:**

0.5000 inches

**Overall Length:**

1.7200 inches

**Flange Diameter:**

0.7500 inches

**Flange Thickness:**

0.0620 inches

**Undercut Diameter:**

0.7480 inches

**Undercut Width:**

0.0620 inches

**Shaft Diameter:**

0.2600 inches single shaft

**Shaft Length:**

0.5555 inches single shaft

**Body Size:**

8

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

395.0 milliamperes

**Rotor Input Electrical Power Rating:**

4750.0 milliwatts

**Zro Resistance In Ohms:**

35.00

**Zso Resistance In Ohms:**

21.30

**Zrs Resistance In Ohms:**

56.00

**Rotor Dc Resistance In Ohms:**

22.10

**Stator Dc Resistance In Ohms:**

30.00

**Phase Shift Angle In Deg:**

6.500 input to output

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

50.00 input

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

125.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

**Spline Tooth Quantity:**

22 single shaft

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

6.0 centimeter-grams

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

4.0 centimeter-grams

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.2410 inches

**Spline Tooth Diametral Pitch:**

96 single shaft

**Shaft Thread Series Designator:**

Unf single shaft

**Shaft Thread Direction:**

Right-hand single shaft

**Shaft Thread Class:**

2a single shaft

**Terminal Location:**

Rear

**Shaft Thread Length:**

0.3650 inches single shaft

**Plus J Zro Reactance In Ohms:**

293.00

**Plus J Zso Reactance In Ohms:**

139.00

**Plus J Zrs Reactance In Ohms:**

20.00

**Shaft Type:**

Spline w/threads single shaft

**Transformation Ratio:**

0.783 rotor to stator

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800