

View Online at <https://aerobasegroup.com/nsn/5990-01-040-1320>

**Body Material:**

Aluminum alloy

**Body Style:**

Standard round d

**Shoulder Diameter:**

2.7000 inches

**Pilot Diameter:**

0.8750 inches

**Second Shoulder Diameter:**

2.7500 inches

**Second Shoulder Length:**

0.2500 inches

**Overall Length:**

5.2000 inches

**Flange Diameter:**

3.1000 inches

**Flange Thickness:**

0.2500 inches

**Body Diameter:**

2.7500 inches

**Shaft Diameter:**

0.1800 inches single shaft

**Shaft Length:**

0.7000 inches single shaft

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

462.0 milliamperes

**Rotor Input Electrical Power Rating:**

17.0 milliwatts

**Zro Resistance In Ohms:**

170.00

**Zso Resistance In Ohms:**

106.00

**Zrs Resistance In Ohms:**

225.00

**Rotor Dc Resistance In Ohms:**

99.00

**Stator Dc Resistance In Ohms:**

92.00

**Phase Shift Angle In Deg:**

6.500 input to output

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

35.00 input

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

75.00

**Electrical Error Angular Range In Minutes:**

-7.0/+7.0

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

16.0 centimeter-grams

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

6.0 centimeter-grams

**Pilot Length:**

0.0300 inches

**Shoulder Length:**

0.3750 inches

**Aft Of First Flange Diameter:**

2.7000 inches

**Mounting Surface To Terminal End Distance:**

4.5000 inches

**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:**

0.3500 inches single shaft

**Plus J Zro Reactance In Ohms:**

1480.00

**Plus J Zso Reactance In Ohms:**

744.00

**Plus J Zrs Reactance In Ohms:**

121.00

**Shaft Type:**

Round, threaded single shaft

**Transformation Ratio:**

0.783 rotor to stator

**Shaft Thread Size:**

0.250 inches single shaft

**Terminal Type And Quantity:**

5 screw

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800