

View Online at <https://aerobasegroup.com/nsn/5990-00-402-0564>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

Between 0.8118 inches and 0.8123 inches

**Pilot Diameter:**

Between 0.4995 inches and 0.5000 inches

**Overall Length:**

Between 2.4100 inches and 2.4700 inches

**Flange Diameter:**

Between 0.9360 inches and 0.9370 inches

**Flange Thickness:**

0.0630 inches

**Undercut Diameter:**

Between 0.8300 inches and 0.8500 inches

**Undercut Width:**

Between 0.0590 inches and 0.0650 inches

**Shaft Diameter:**

0.1245 inches single shaft and 0.1247 inches single shaft

**Shaft Length:**

1.1350 inches single shaft and 1.1890 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Fragility Factor:**

Moderately rugged

**End Application:**

4920-00-400-3818

**Securing Hole Quantity:**

3

**Body Size:**

10

**Stator Input Voltage Rating In Volts:**

11.8

**Stator Input Current Rating:**

24.0 milliamperes

**Stator Input Electrical Power Rating:**

34.0 milliwatts

**Frequency In Hertz:**

400.0

**Zro Resistance In Ohms:**

695.00

**Zso Resistance In Ohms:**

115.00

**Zrs Resistance In Ohms:**

874.00

**Phase Shift Angle In Deg:**

9.000 output to input

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

25.00 input

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

30.00

**Electrical Error Angular Range In Minutes:**

-15.0/+15.0

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

9.00 centimeter-grams

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

3.00 centimeter-grams

**Alignment Hole Quantity:**

3

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

0.0010 inches

**Pilot Length:**

0.0350 mils and 0.0410 centimeters

**Shoulder Length:**

0.0590 mils and 0.0650 centimeters

**Mounting Surface To Terminal End Distance:**

1.2400 inches

**Shaft Maximum Runout:**

0.0010 inches

**Mounting Facility Screw Thread Series Designator:**

Unf

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2600.00

**Shaft Slot Depth:**

0.0250 inches single shaft

**Plus J Zso Reactance In Ohms:**

447.00

**Shaft Slot Width:**

0.0200 inches single shaft

**Plus J Zrs Reactance In Ohms:**

286.00

**Shaft Type:**

Round, slotted single shaft

**Alignment Hole Depth:**

0.0700 inches

**Mounting Facility Screw Thread Diameter:**

0.0860 inches

**Transformation Ratio:**

2.203 rotor to stator

**Alignment Hole Bolt Circle Diameter:**

Between 0.6750 inches and 0.6810 inches

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

8.0 ounces

**Terminal Type And Quantity:**

6 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800