

View Online at <https://aerobasegroup.com/nsn/5990-00-573-3325>

**Body Material:**

Steel, stainless

**Body Style:**

Standard round c

**Shoulder Diameter:**

1.0000 inches

**Pilot Diameter:**

0.6250 inches

**Overall Length:**

2.7810 inches

**Flange Diameter:**

1.0620 inches

**Flange Thickness:**

0.0930 inches

**Undercut Diameter:**

0.9750 inches

**Undercut Width:**

0.0500 inches

**Shaft Diameter:**

0.1200 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Schematic Diagram Designator:**

1 y-rotor, 1 stator

**Fragility Factor:**

Moderately rugged

**End Application:**

5865-00-179-3926

**Maximum Temperature Rise:**

15.0 degrees celsius

**Body Size:**

11

**Rotor Input Voltage Rating In Volts:**

115.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

60.0 milliamperes

**Rotor Input Electrical Power Rating:**

800.0 allqjaa3.500 finished-chamfered

**Zro Resistance In Ohms:**

295.00

**Zso Resistance In Ohms:**

171.00

**Zrs Resistance In Ohms:**

356.00

**Zso-9 Designator Resistance In Ohms:**

113.00

**Zro Impedance Magnitude In Ohms:**

2210.00

**Zro Impedance Angle In Deg:**

82.30

**Zso Impedance Magnitude In Ohms:**

1130.00

**Zso Impedance Angle In Deg:**

81.30

**Zrs Impedance Magnitude In Ohms:**

395.00

**Zrs Impedance Angle In Deg:**

25.80

**Rotor Dc Resistance In Ohms:**

159.00

**Stator Dc Resistance In Ohms:**

137.00

**Phase Shift Angle In Deg:**

4.000 input to output

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

59.00 output

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

94.00

**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:**

4.0 centimeter-grams

**Shaft Radial Play Test Point:**

0.125 inches

**Shaft Maximum Radial Play:**

0.0005 inches

**Shaft End Play:**

Between 0.0005 inches and 0.0015 inches

**Pilot Length:**

0.0620 inches

**Shoulder Length:**

0.0620 inches

**Mounting Surface To Terminal End Distance:**

1.7990 inches

**Shaft Maximum Runout:**

0.0010 inches

**Terminal Location:**

Rear

**Plus J Zro Reactance In Ohms:**

2190.00

**Shaft Slot Depth:**

0.0300 inches single shaft

**Plus J Zso Reactance In Ohms:**

112.00

**Shaft Slot Width:**

0.0250 inches single shaft

**Plus J Zrs Reactance In Ohms:**

172.00

**Shaft Type:**

Round, slotted single shaft

**Transformation Ratio:**

0.783 stator to rotor

**Plus J Zso-9 Designator Reactance In Ohms:**

335.00

**Shaft Radial Play Determining Weight:**

4.0 ounces

**Shaft End Play Determining Weight:**

16.0 ounces

**Special Features:**

Spur gear on shaft

**Terminal Type And Quantity:**

5 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A07800