

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