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Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

2.2910 inches

Flange Diameter:

1.0670 inches

Flange Thickness:

Between 0.0880 inches and 0.0980 inches

Undercut Width:

Between 0.0450 inches and 0.0550 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.4380 inches single shaft and 0.4420 inches single shaft

Body Size:

11

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

280.0 milliamperes

Rotor Input Electrical Power Rating:

1.11 watts finished-chamfered

Zro Impedance Magnitude In Ohms:

18.10

Zro Impedance Angle In Deg:

79.50

Zso Impedance Magnitude In Ohms:

107.00

Zso Impedance Angle In Deg:

81.70

Rotor Dc Resistance In Ohms:

9.00

Stator Dc Resistance In Ohms:

3.00

Phase Shift Angle In Deg:

8.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

26.00

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Minus 55 Deg Celsius:

4.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

16.0 centimeter-grams

Alignment Hole Quantity:

4

Shaft Maximum Radial Play:

0.0005 inches

Shaft End Play:

Between 0.0005 inches and 0.0030 inches

Pilot Length:

0.0570 mils and 0.0670 centimeters

Shoulder Length:

0.0570 mils and 0.0670 centimeters

Mounting Surface To Terminal End Distance:

1.7820 inches

Shaft Maximum Runout:

0.0008 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft and 0.0370 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft and 0.0370 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

Between 0.1200 inches and 0.1300 inches

Transformation Ratio:

0.454 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 0.8090 inches and 0.8150 inches

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Test Data Document:

06481-900141-69 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800