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Body Material:

Steel, corrosion resisting

Body Style:

Standard round, rotatable stator c

Shoulder Diameter:

Between 0.6950 inches and 0.7050 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

3.1830 inches

Flange Diameter:

0.9100 inches

Flange Thickness:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 0.7360 inches and 0.7460 inches

Undercut Width:

0.0570 inches

Shaft Diameter:

0.1195 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.7030 inches single shaft and 0.7330 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Maximum Temperature Rise:

5.0 degrees celsius

Body Size:

10

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

40.0 milliamperes

Stator Input Electrical Power Rating:

100.0 milliwatts

Frequency In Hertz:

400.0

Zro Resistance In Ohms:

446.00

Zso Resistance In Ohms:

79.00

Zrs Resistance In Ohms:

548.00

Rotor Dc Resistance In Ohms:

316.00

Stator Dc Resistance In Ohms:

67.00

Phase Shift Angle In Deg:

6.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-7.0 to 7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

20.0 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

30.0 centimeter-grams

Shaft Maximum Radial Play:

0.0010 inches

Shaft End Play:

0.0020 inches

Pilot Length:

Between 0.0380 inches and 0.0480 inches

Shoulder Length:

Between 0.0570 inches and 0.0670 inches

Mounting Surface To Terminal End Distance:

2.0000 inches

Shaft Maximum Runout:

0.0020 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

1887.00

Plus J Zso Reactance In Ohms:

350.00

Plus J Zrs Reactance In Ohms:

182.00

Shaft Type:

Round single shaft

Transformation Ratio:

2.159 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800