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Body Material:

Aluminum or steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.7210 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6870 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1247 inches single shaft

Shaft Length:

0.4810 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

10.0 degrees celsius

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

23.0 milliamperes

Stator Input Electrical Power Rating:

44.0 milliwatts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

Between 444.00 and 570.00

Zso Impedance Angle In Deg:

Between 76.00 and 81.00

Zrs Impedance Magnitude In Ohms:

Between 830.00 and 940.00

Zrs Impedance Angle In Deg:

Between 16.00 and 20.00

Phase Shift Angle In Deg:

8.000 input to output

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:

-7.0/+7.0

Spline Tooth Quantity:

13 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.04 inch-ounces

Shaft Maximum Radial Play:

0.0004 inches

Shaft End Play:

0.0007 inches

Pilot Length:

0.0400 inches

Mounting Surface To Terminal End Distance:

1.2400 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a

Terminal Location:

Rear

Shaft Thread Length:

0.1900 inches single shaft

Shaft Type:

Spline w/threads single shaft

Transformation Ratio:

2.203 rotor to stator

Shaft Thread Size:

0.120 inches single shaft

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800