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Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

1.0000 inches

Pilot Diameter:

0.6250 inches

Overall Length:

2.1840 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:

0.3120 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

11

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

21.0 milliamperes

Stator Input Electrical Power Rating:

30.0 milliwatts

Frequency In Hertz:

400.0

Zro Impedance Magnitude In Ohms:

3340.00

Zro Impedance Angle In Deg:

79.20

Zso Impedance Magnitude In Ohms:

577.00

Zso Impedance Angle In Deg:

80.70

Zrs Impedance Magnitude In Ohms:

659.00

Zrs Impedance Angle In Deg:

30.10

Rotor Dc Resistance In Ohms:

385.00

Stator Dc Resistance In Ohms:

60.00

Phase Shift Angle In Deg:

4.200 output to input

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:

-2.0/+2.0

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:

0.0010 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:

1.7340 inches

Shaft Maximum Runout:

0.0014 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0300 inches single shaft

Shaft Slot Width:

0.0250 inches single shaft

Shaft Type:

Round, slotted single shaft

Transformation Ratio:

2.203 rotor to stator

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800