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Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 1.5615 inches and 1.5620 inches

Pilot Diameter:

Between 0.9370 inches and 0.9375 inches

Overall Length:

3.0620 inches

Flange Diameter:

Between 1.7470 inches and 1.7500 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 1.6220 inches and 1.6280 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.3790 inches single shaft and 0.3870 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

18

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

7.0 milliamperes

Stator Input Electrical Power Rating:

100.0 milliwatts

Frequency In Hertz:

400.0

Zso Impedance Magnitude In Ohms:

13000.00

Zso Impedance Angle In Deg:

88.00

Rotor Dc Resistance In Ohms:

420.00

Stator Dc Resistance In Ohms:

675.00

Phase Shift Angle In Deg:

3.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

30.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

45.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Spline Tooth Quantity:

21 single shaft

Actuator Friction Torque At Plus 25 Deg Celsius:

0.10 inch-ounces

Alignment Hole Quantity:

4

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

0.0030 inches

Pilot Length:

0.0370 mils and 0.0430 centimeters

Shoulder Length:

0.1290 mils and 0.1350 centimeters

Mounting Surface To Terminal End Distance:

2.5230 inches

Spline Tooth Diametral Pitch:

120 single shaft

Shaft Maximum Runout:

0.0008 inches

Shaft Thread Series Designator:

Unf single shaft

Shaft Thread Direction:

Right-hand single shaft

Shaft Thread Class:

2a single shaft

Terminal Location:

Rear

Shaft Thread Length:

0.3550 inches single shaft

Shaft Type:

Spline w/threads single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.2500 inches

Shaft Thread Size:

0.190 inches single shaft

Shaft Radial Play Determining Weight:

16.0 ounces

Shaft End Play Determining Weight:

16.0 ounces

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A07800