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Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.8118 inches and 0.8123 inches

Pilot Diameter:

Between 0.4995 inches and 0.5000 inches

Overall Length:

1.6540 inches

Flange Diameter:

Between 0.9360 inches and 0.9370 inches

Flange Thickness:

0.0625 inches

Undercut Diameter:

Between 0.8350 inches and 0.8400 inches

Undercut Width:

0.0625 inches

Shaft Diameter:

0.0880 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.3750 inches single shaft

Schematic Diagram Designator:

1 rotor, 2 stator

Fragility Factor:

Moderately rugged

Body Size:

10

Stator Input Voltage Rating In Volts:

5.0

Stator Input Current Rating:

2.8 milliamperes

Stator Input Electrical Power Rating:

3.6 milliwatts

Frequency In Hertz:

400.0

Zso Resistance In Ohms:

457.00

Rotor Dc Resistance In Ohms:

364.00

Stator Dc Resistance In Ohms:

304.00

Phase Shift Angle In Deg:

10.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

40.00

Electrical Error Angular Range In Minutes:

-30.0/+30.0

Actuator Friction Torque At Minus 55 Deg Celsius:

30.00 centimeter-grams

Actuator Friction Torque At Plus 25 Deg Celsius:

10.00 centimeter-grams

Alignment Hole Quantity:

3

Shaft Radial Play Test Point:

0.125 inches

Shaft Maximum Radial Play:

0.0008 inches

Shaft End Play:

Between 0.0001 inches and 0.0005 inches

Terminal Designator And Schematic Position:

Connection r1 position a and connection r2 position b and connection r3 position c and connection s1 position h and connection s2 position e and connection s3 position j and connection s4 position f

Pilot Length:

0.0380 inches

Shoulder Length:

0.0625 inches

Mounting Surface To Terminal End Distance:

1.2410 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0934 inches single shaft

Plus J Zso Reactance In Ohms:

1727.00

Shaft Slot Width:

0.0200 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.0781 inches

Transformation Ratio:

0.767 stator to rotor

Alignment Hole Bolt Circle Diameter:

Between 0.6750 inches and 0.6810 inches

Shaft Radial Play Determining Weight:

1.4 ounces

Shaft End Play Determining Weight:

3.0 ounces

Terminal Type And Quantity:

7 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800