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Body Material:

Aluminum alloy or steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

1.3120 inches

Pilot Diameter:

0.8750 inches

Overall Length:

1.4370 inches

Flange Diameter:

1.4370 inches

Flange Thickness:

0.0830 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1873 inches single shaft

Shaft Length:

0.5310 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Body Size:

15

Stator Input Voltage Rating In Volts:

30.0

Stator Input Current Rating:

45.0 milliamperes

Frequency In Hertz:

400.0

Rotor Dc Resistance In Ohms:

200.00

Stator Dc Resistance In Ohms:

295.00

Transformation Ratio Equality In Percent:

0.1

Compensation Method:

Resistor compensated

Compensator Dc Resistance In Ohms:

295.00

Compensator Transformation Ratio In Percent:

0.985 rotor to compensator

Phase Shift Angle In Deg:

6.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

150.00

Interaxis Error Angular Range In Minutes:

-5.0/+5.0

Output Voltage Functional Error Range In Percent:

-0.1/+0.1

Electrical Error Angular Range In Minutes:

-5.0/+5.0

Actuator Friction Torque At Plus 25 Deg Celsius:

2.00 inch-ounces

Alignment Hole Quantity:

4

Shaft Maximum Radial Play:

0.0005 inches

Terminal Designator And Schematic Position:

Connection r1 position j and connection r2 position g and connection r3 position e and connection r4 position j and connection s1 position b and connection s2 position c and connection s3 position a and connection s4 position d and connection c1 position l and connection c2 position m and connection c3 position k and connection c4 position n

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.0630 inches

Shaft Maximum Runout:

0.0005 inches

Terminal Location:

Rear

Shaft Type:

Round single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.980 rotor to stator

Alignment Hole Bolt Circle Diameter:

1.1000 inches

Terminal Type And Quantity:

12 screw

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

No

Fig:

A07800