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Body Material:

Steel, corrosion resisting

Body Style:

Standard round a

Pilot Diameter:

0.5000 inches

Overall Length:

1.4350 inches

Flange Diameter:

0.7500 inches

Flange Thickness:

0.0620 inches

Undercut Diameter:

0.6910 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0900 inches single shaft

Shaft Length:

0.3530 inches single shaft

Schematic Diagram Designator:

2 rotor, 1 stator

Fragility Factor:

Moderately rugged

Body Size:

8

Stator Input Voltage Rating In Volts:

11.8

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

66.0 milliamperes

Rotor Input Electrical Power Rating:

416.0 milliwatts

Zro Resistance In Ohms:

158.00

Zso Resistance In Ohms:

44.00

Zrs Resistance In Ohms:

263.00

Rotor Dc Resistance In Ohms:

133.00

Stator Dc Resistance In Ohms:

36.30

Phase Shift Angle In Deg:

15.000 input to output

Maximum Total Null Voltage Output In Millivolts Per Volt:

30.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

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:

0.0005 inches

Shaft End Play:

Between 0.0003 inches and 0.0008 inches

Terminal Designator And Schematic Position:

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

Pilot Length:

0.0430 inches

Mounting Surface To Terminal End Distance:

1.0150 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

490.00

Shaft Slot Depth:

0.0250 inches single shaft

Plus J Zso Reactance In Ohms:

150.00

Shaft Slot Width:

0.0250 inches single shaft

Plus J Zrs Reactance In Ohms:

75.50

Shaft Type:

Round, slotted single shaft

Shaft Radial Play Determining Weight:

4.0 ounces

Shaft End Play Determining Weight:

8.0 ounces

Terminal Type And Quantity:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800