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Body Material:

Aluminum

Body Style:

Standard round, rear mounting flange

Shoulder Diameter:

1.2500 inches

Pilot Diameter:

1.0625 inches

Second Shoulder Diameter:

1.9000 inches

Second Shoulder Length:

0.7000 inches

Overall Length:

3.7330 inches

Flange Diameter:

Between 0.2480 inches and 0.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

0.1950 inches

Shaft Diameter:

0.2035 inches single shaft

Shaft Length:

0.2600 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

3.0 degrees celsius

Body Size:

23

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

24.0 milliamperes

Stator Input Electrical Power Rating:

58.0 milliwatts

Frequency In Hertz:

60.0

Zro Resistance In Ohms:

596.00

Zso Resistance In Ohms:

1000.00

Zrs Resistance In Ohms:

850.00

Rotor Dc Resistance In Ohms:

435.00

Stator Dc Resistance In Ohms:

930.00

Phase Shift Angle In Deg:

14.000 output to input

Maximum Total Null Voltage Output In Millivolts Per Volt:

60.00

Electrical Error Angular Range In Minutes:

-18.0/+18.0

Alignment Hole Quantity:

3

Shaft End Play:

0.0150 inches

Pilot Length:

0.1250 inches

Shoulder Length:

0.0550 inches

Second Shoulder Face To Rear Flange Distance:

1.7000 inches

Shaft Maximum Runout:

0.0010 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:

0.1560 inches single shaft

Plus J Zro Reactance In Ohms:

1930.00

Plus J Zso Reactance In Ohms:

3040.00

Plus J Zrs Reactance In Ohms:

310.00

Shaft Type:

Round, threaded single shaft

Alignment Hole Depth:

0.1560 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.8440 inches

Shaft Thread Size:

0.112 inches single shaft

Test Data Document:

81349-mil-s-2335 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800