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Body Material:

Aluminum alloy

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:

2.2500 inches

Flange Thickness:

0.2500 inches

Body Diameter:

1.9500 inches

Shaft Diameter:

1.8200 inches single shaft

Shaft Length:

0.2600 inches single shaft

Schematic Diagram Designator:

1 y-rotor, 1 stator

Shaft Undercut Width:

0.0200 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

25.0 degrees celsius

Body Size:

23

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

60.0

Rotor Input Current Rating:

133.0 milliamperes

Rotor Input Electrical Power Rating:

3.2 watts finished-chamfered

Zro Resistance In Ohms:

183.00

Zso Resistance In Ohms:

176.00

Zrs Resistance In Ohms:

392.00

Rotor Dc Resistance In Ohms:

136.00

Stator Dc Resistance In Ohms:

204.00

Phase Shift Angle In Deg:

10.000 input to output

Receiver Error Angular Range In Minutes:

-90.0/+90.0

Torque Gradient Per Angular Deg:

0.060 inch-ounces

Alignment Hole Quantity:

3

Shaft End Play:

0.0150 inches

Pilot Length:

0.1250 inches

Shoulder Length:

0.0250 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:

2b single shaft

Terminal Location:

Rear

Plus J Zro Reactance In Ohms:

847.00

Plus J Zso Reactance In Ohms:

475.00

Shaft Tapered End Minor Diameter:

0.8000 inches single shaft

Plus J Zrs Reactance In Ohms:

136.00

Shaft Type:

Round, tapered, threaded, undercut single shaft

Alignment Hole Depth:

0.1560 inches

Transformation Ratio:

0.783 stator to rotor

Shaft Taper Angle In Deg:

8.0 single shaft

Shaft Tip Length:

0.1500 inches single shaft

Alignment Hole Bolt Circle Diameter:

0.8440 inches

Shaft Taper Length:

0.1100 inches single shaft

Shaft Thread Size:

0.112 inches single shaft

Shaft Undercut Diameter:

0.0990 inches single shaft

Terminal Type And Quantity:

6 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A07800