

FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-002

Type 14-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 **Motor:** Reliance Rotor & Stator; 3/4 HP, 1-Phase, 60 Hz, 115/230V, 3500 RPM (Nom.), Capacitor Start, Induction Run, Georator P/N 18-057
- 1.2 Input Current At Full Load: 10.0/5.0 Amperes
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50 Deg. C.
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 **Generator:** Permanent Magnet, 0.5 kVA, 100% P.F., 1-Phase, 400 Hz Nom, 115V (Nom.)
- 2.2 Output Voltage - No Load: 124V +/-1V L-N
- 2.3 Output Frequency: 420 Hz @ N.L. to 405 Hz Min. @ F.L.
- 2.4 Output Current: 4.4 Amps
- 2.5 Insulation: Class B
- 2.6 Maximum Ambient Temperature: 50 Deg. C
- 2.7 Duty: Continuous
- 2.8 Dielectric Strength: Winding to Frame 1500V for 1 Minute

3.0 VIBRATION:

- 3.1 Within .001 Inches

4.0 BEARINGS:

- 4.1 Shielded - Life Time Lubricated

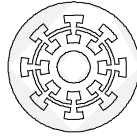
5.0 FINISH:

- 6.1 Primer: Modified Alkyd Resin, Fed Std. TT-P-664D
- 6.2 Paint: Silver-Blue Enamel
- 6.3 Fasteners: Steel, Zinc Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 51 Lbs.

Revision Letter	Date	Revision Description
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A	4-12-92	Changed Input Current
B	11-2-92	Changed Motor from Peerless Motor
	ENGINEER	J.M.
	APPROVED BY	November 2, 1992



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6.2 Shipping 65 Lbs.