



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 30-013
 Type 19-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance Stator & Rotor: 2-1/4 H.P., 3 Phase, 60 Hz, 208-220/440V, 1750 RPM (Nom.), Capacitor Start Induction Run, Georator P/N 18-034-R
- 1.2 Input Current: 9.8/4.9 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 Degrees C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 1.5 KVA, 100% P.F, 1 Phase, 400 Hz Nom., 115V (Nom.)
- 2.2 Output Voltage, No Load: 124 +-1V
- 2.3 Output Frequency Tolerance: 420 Hz @ No Load to 410 Hz Min. @ Full Load
- 2.4 Output Current: 13 Amperes
- 2.5 Insulation: Class B
- 2.6 Max. Ambient Temperature: 50 Degrees C
- 2.7 Duty: Continuous
- 2.8 Dielectric Strength, Winding to Frame: 1500V for 1 minute

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Iridite
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Zinc-Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 125 Lbs.
- 6.2 Shipping: 145 Lbs.

Revision Letter	Date	Revision Description
A_B		Retype
C	5/94	Motor Changed to 18-034-R
D	12/04	Corrections made to published spec to incorporate rev. C
ENGINEER		GJR
APPROVED BY		14 Dec 04



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