FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-006-1

Type 22-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor, Rotor & Stator: Reliance, Frame 254-T, Georator P/N 18-318; 15 H.P., 3 Phase, 60 Hz, 220/440V (±10%), 1760 RPM F.L.
1.2 Input Current: 40/20 Amperes
1.3 Insulation: Class B
1.4 Max. Ambient Temperature: 50°C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 5.8 KVA, 100% P.F., 1 Phase, 400 Hz (Nom.), 200V (Nom.) -- 2 Phase Of 3 Phase Connected Wye
2.2 Output Voltage, No Load: 215V ±2V
2.3 Output Frequency Tolerances: 420 Hz N.L. To 410 Hz Min. At F.L.
2.4 Output Current: 29 Amperes
2.5 Insulation: Class B
2.6 Max. Ambient Temperature: 50°C
2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

3.0 VIBRATION : Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated Motor Bearings

5.0 FINISH:

5.1 Primer: Zinc-Chromate
5.2 Paint: Silver-Blue Enamel

6.0 APPROX. WEIGHT:

6.1 Net: 280 Lbs.
6.2 Shipping: 350 Lbs.

Rev. Letter	Date	Revision Description

ENGINEER	
APPROVED BY	05/06/2005