



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-002

Type 22-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor, Rotor & Stator: Reliance, Frame 254-T, Georator P/N 18-309: 5 H.P., 3 Phase, 60Hz, 220/440V (+/-10%), 1760 RPM F.L.
- 1.2 Input Current: 15.2/7.6 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 Degrees C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 3.5 KVA, 100% PF, 1 Phase, 400 Hz (Nom.), 115V (Nom.)
- 2.2 Output Voltage: No Load: 1224 +/-1V
- 2.3 Output Frequency Tolerances: 420 Hz N.L. to 410 Hz Min. @F.L.
- 2.4 Voltage Regulation: 10% Max. @ 100% P.F.
- 2.5 Output Current Rating: 30.4 Amperes
- 2.6 Insulation: Class B
- 2.7 Max. Ambient Temperature: 50 Degrees C
- 2.8 Dielectric Strength, Winding to Frame: 1500V for 1 min.

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated Motor Bearings

5.0 FINISH:

- 5.1 Primer: Alkyd, Red Iron Oxide Per Fed. Std. TT-P-664D
- 5.2 Paint: Silver-Blue Enamel

6.0 APPROX. WEIGHT:

- 6.1 Net: 215 Lbs.
- 6.2 Shipping: 265 Lbs.

Revision Letter	Date	Revision Description
ENGINEER	M.T.E.	
APPROVED BY		April 20, 1998