



**FREQUENCY CONVERTER SPECIFICATION**  
**GEORATOR CORPORATION**  
MANASSAS, VIRGINIA 20110  
**Model No. 33-046**

**Type 33-A Vertical Frequency Converter**

**1.0 INPUT:**

- 1.1 Motor, Rotor & Stator: Reliance, Frame 254T, Georator P/N 18-449; 5 H.P., 3 Phase, 50 Hz., 220/380V, 6 Leads, 1450 RPM (Nom.).
- 1.2 Input Current: 15/8.7 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: ,500C
- 1.5 Duty: Continuous
- 1.6 Dielectric Strength, Winding to Frame: 1880V for I Min.

**2.0 OUTPUT:**

- 2.1 Rating 3.5 KVA, 100% PF, I Phase, 400 Hz (Nom.), 115V (Nom)
- 2.2 Output Voltage, No Load: 124V +/-1V
- 2.3 Output Frequency Tolerances: 400 Hz No Load to 388 Hz Min. at Full Load
- 2.4 Output Current: 30.4 Amperes
- 2.5 Max. Ambient Temperature: 50 C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength, Winding to Frame: 1500V for I Min.

**3.0 VIBRATION:** Within 0.0015

**4.0 BEARINGS:** Shielded Life Time Lubricated

**5.0 FINISH:**

- 5.1 Primer: Mod Alkyd Resin Red. Fed Std TT-P-664D
- 5.2 Paint: Silver-Blue Enamel

**6.0 APPROX. WEIGHT:**

- 6.1 Net: 300 Lbs.

Rev. Letter	Date	Revision Description
ENGINEER		
APPROVED BY	05/06/2005	

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6.2 Shipping:. 366 Lbs.