



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 33-164

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 Temperature Rise: 55°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 10 KVA, 100% P.F., 3 Phase, 400 Hz (Nom.), 160/277V or 160V (Nom.)
- 2.2 Output Voltage, No Load: 285-290V L-L Wye Conn.
- 2.3 Output Frequency Tolerances: 420 Hz N.L. to 410 Hz Min. at F.L.
- 2.4 Output Current: 20.8/36 Amperes
- 2.5 Insulation: Class B
- 2.6 Temperature Rise: 40°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: Mod Alkyd Resin Red. Fed Std TT-P-664D
- 5.2 Paint: Silver-Blue Enamel

6.0 WEIGHT:

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

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