



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-176

Type 20-A Vertical Frequency Converter

1.0 INPUT:

1. Motor, Rotor And Stator: Reliance, Frame 254T, Georator P/N 18-309; 7.5 H.P., 3 Phase, 60 Hz, 220/440V (+/-10%), 1760 RPM (Nom.)
2. Input Current: 21.1/10.5 Amperes
3. Insulation: Class B
4. Temperature Rise: 40°C
5. Duty: Continuous

2.0 OUTPUT:

1. Rating: 5 KVA, 100% P.F., 3 Phase, 400 Hz (Nom.), 230/398V or 230V (Nom.)
2. Output Voltage, No Load: 248 +/-3V L-N
3. Output Frequency Tolerances: 420 Hz N.L. To -410 Hz Min. F. L.
4. Output Current: 12.5/7.2 Amperes
5. Insulation: Class B
6. Temperature Rise: 40°C
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:

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

6.0 APPROXIMATE WEIGHT:

1. Net: 217 Lbs.
2. Shipping: 320 Lbs.

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