FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-169

Type 37-A Vertical Frequency Converter

1 .0 INPUT :

1.1 Motor: Siemens, Synduction, Rotor and Stator, Frame G-250BB; 5 H.P., 3 Phase, 50 Hz, 380V, 3 Wire, 1500 RPM; Georator P/N 18-558
1.2 Input Current: 11.5 Amperes
1.3 Insulation: Class B
1.4 Maximum Ambient Temperature: 40°C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 3 KVA, 100% PF, 3 Phase, 12 Wire, 400 Hz, Reconnectable 120/208V (Par. Wye), 240/415V (Ser. Wye), 240V (Ser. Delta), Or 120V (Par. Delta)--Nominal Voltages
2.2 Output Voltage- , No Load: 124V +/-1V Per Coil, 6 Coils
2.3 Output Current: 8.3 Amperes @ 120/208V--Par. Wye, 4.2 Amperes @ 240/415V--Ser. Wye, 7.2 Amperes @ 240V--Ser. Delta, 14.4 Amperes @ 120V--Par. Delta
2.4 Insulation: Class B
2.5 Maximum Ambient Temperature: 40°C
2.6 Duty: Continuous
2.7 Dielectric Strength, Windings To Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS:. Shielded Life Time Lubricated

5.0 FINISH:

5.1 Primer: Zinc-Chromate
5.2 Paint: Standard Blue Hammertone

6.0 APPROX. WEIGHT:

6.1 Net: 300 Lbs.
6.2 Shipping: 370 Lbs.

Revision Letter	Date	Revision Description

ENGINEER	M.T.E.
APPROVED BY	April 20, 1998