# FREQUENCY CONVERTER SPECIFICATION
# GEORATOR CORPORATION

MANASSAS, VIRGINIA 20110

Model No. 33-016-1

Type 37-A Vertical Frequency Converter

1.0 INPUT:

1.1 Motor: Reliance Rotor & Stator, 254T Frame; 5 H.P., 3 Phase, 240/415V, 50 Hz, 1450 RPM (Nom), 6 Leads, Induction, Georator P/N 18-538
1.2 Input Current: 17/9.8 Amperes
1.3 Insulation: Class B
1.4 Maximum Ambient Temperature: 50 Degrees C
1.5 Duty: Continuous

2.0 OUTPUT:

2.1 Rating: 3 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V (Nom.)
2.2 Output Voltage, No Load: 124 +-1V L-N
2.3 Output Frequency Tolerances: 400 Hz At NL To 390 Hz Minimum At FL
2.4 Output Current Rating: 8.7/15 Amperes
2.5 Insulation: Class B
2.6 Maximum Ambient Temperature: 50 Degrees C
2.7 Duty: Continuous
2.8 Dielectric Strength, Winding To Frame: 1500V For I Minute

3.0 VIBRATION: Within 0.0015”

4.0 BEARINGS: Shielded, Lifetime Lubricated

5.0 FINISH:

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

6.0 APPROX. WEIGHT:

6.1 Net: 230 Lbs
6.2 Shipping: 335 Lbs.

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