



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
 MANASSAS, VIRGINIA 20110

Model No. 30-005
Type 14-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance Rotor & Stator; 3/4 HP, 1-Phase, 60 Hz, 115/230V, 3500 RPM (Nom.), Capacitor Start, Induction Run, Georator P/N 18-057-R
- 1.2 Input Current At Full Load: 10/5 Amperes Approx.
- 1.3 Insulation: Class B
- 1.4 Maximum Ambient Temperature: 50 Deg. C.
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Generator: Permanent Magnet, 0.5 kVA, 100% P.F., 3-Phase, 400 Hz Nom, 115/200V or 115V (Nom.)
Output Voltage - No Load: 124V +/-1V L-N,
- 2.2 Output Frequency: 420 Hz @ N.L. to 405 Hz Min. @ F.L.
- 2.3 Output Current: 2.5/1.5 Amps
- 2.4 Insulation: Class B
- 2.5 Maximum Ambient Temperature: 50 Deg. C
- 2.6 Duty: Continuous
- 2.7 Dielectric Strength: Winding to Frame 1500V for 1 Minute

3.0 VIBRATION:

- 3.1 Within .001 Inches

4.0 BEARINGS:

- 4.1 Shielded - Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Modified Alkyd Resin, Fed Std. TT-P-664D
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Steel, Zinc Plated

6.0 APPROX. WEIGHT:

- 6.1 Net: 51 Lbs.
- 6.2 Shipping 65 Lbs.

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