



**FREQUENCY CONVERTER SPECIFICATION**  
**GEORATOR CORPORATION**  
MANASSAS, VIRGINIA 20110

**Model No. 30-280**  
**Type 51-A Unit Shell Frequency Converter**

1.0 INPUT:

- 1.1 Motor: Stator & Rotor; 1.5 HP, 3 Phase, 50 Hz, 240/415V, 6 Leads, 2925 RPM F.L., Georator P/N 18-586
- 1.2 Input Current: 5.2/3.0
- 1.3 Insulation: Class B
- 1.4 Temperature Rise: 55°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 1.0 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 115/200V or 115V (Nom.)
- 2.2 Output Voltage, No Load: Approx. 124V L-N
- 2.3 Output Frequency Tolerance: 400 Hz @ N.L. to 388 Hz @ F.L.
- 2.4 Output Current: 2.9/5 Amperes
- 2.5 Insulation: Class B 0
- 2.6 Temperature Rise: 40 C
- 2.7 Dielectric Strength, Winding to Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.001

4.0 BEARINGS: Sealed Life Time Lubricated

5.0 FINISH:

- 5.1 Primer: Iridite
- 5.2 Paint: Silver-Blue Enamel
- 5.3 Fasteners: Zinc Plated

6.0 WEIGHT:

- 6.1 Net: 117 Lbs.
- 6.2 Shipping: 145 Lbs.

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



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