



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

Model No. 30-293

Type 19-A Unit Shell Frequency Converter

**1.0 INPUT:**

- 1.1 Motor: Stator And Rotor: 4.5 HP, 3 Phase, 60 Hz, 208-220/440V, 1760 RPM Full Load, Induction; Georator Part No. 18-014.
- 1.2 Input Current: 12.6/6.3 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50 Degrees C
- 1.5 Duty: Continuous

**2.0 OUTPUT:**

- 2.1 Rating: 2.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 240/415V Or 240V (Nom.).
- 2.2 Output Voltage, No Load: 445V +-5V L-L (Wye Conn.)
- 2.3 Output Frequency Tolerance: 420 Hz @ No Load To 410 Hz (Min.) @ Full Load
- 2.4 Output Current: 6.0/3.5 Amperes
- 2.5 Insulation: Class B
- 2.6 Max. Ambient Temperature: 50 Degrees C
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Minute

**3.0 VIBRATION: Within 0.001**

**4.0 BEARINGS: Shielded Life Time Lubricated**

**5.0 FINISH:**

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

**6.0 APPROXIMATE WEIGHT:**

- 6.1 Net: 165 Lbs.
- 6.2 Shipping: 200 Lbs.

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



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