



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 30-290
Type 19-A Unit Shell Frequency Converter

1.0 INPUT:

- 1.1 Motor, Stator & Rotor: Peerless, Induction, 4.5 HP, 3 Phase, 60 Hz, 220/380V, 6 Wire, 1760 RPM, Georator P/N 18-610
- 1.2 Input Current: 12.6/7.3 Amperes
- 1.3 Insulation: Class B
- 1.4 Max. Ambient Temperature: 50°C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 2.5 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 112/194V or 112V (Nom.)
- 2.2 Output Voltage, No Load: 119V \pm 1V L-N (Wye Conn.)
- 2.3 Output Frequency Tolerance: 420 Hz @ NL To 410 Hz Min. @ FL
- 2.4 Current Rating: 7.4/12.9 Amperes
- 2.5 Insulation: Class B
- 2.6 Max. Ambient Temperature: 50°C
- 2.7 Dielectric Strength, Windings To Frame: 1500V For 1 Min.

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 APPROX. WEIGHT:

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

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