



FREQUENCY CONVERTER SPECIFICATION
GEORATOR CORPORATION
MANASSAS, VIRGINIA 20110

Model No. 33-175

Type 25-A Vertical Frequency Converter

1.0 INPUT:

- 1.1 Motor: Reliance Stator & Rotor, Fr. Size 286T, Georator P/N 18-547: 30 H.P., 3 Phase, 60 Hz, 220/440V, 1750 RPM (Nom.)
- 1.2 Input Current: 78/39 Amperes
- 1.3 Insulation: Class B 0
- 1.4 Temperature Rise: 65 C
- 1.5 Duty: Continuous

2.0 OUTPUT:

- 2.1 Rating: 20 KVA, 100% PF, 3 Phase, 400 Hz (Nom.), 254/440V (Nom.)
- 2.2 Output Voltage, No Load: 480V (+/-5V) L-L
- 2.3 Output Current: 26.2 Amperes
- 2.4 Insulation: Class B
- 2.5 Duty: Continuous 0
- 2.6 Temperature Rise: 50 C
- 2.7 Dielectric Strength, Winding To Frame: 1500V For 1 Min.

3.0 VIBRATION: Within 0.0015

4.0 BEARINGS: Shielded Life Time Lubricated

5.0 FINISH:

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

6.0 WEIGHT:

- 6.1 Net: 500 Lbs.
- 6.2 Shipping: 575 Lbs.

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