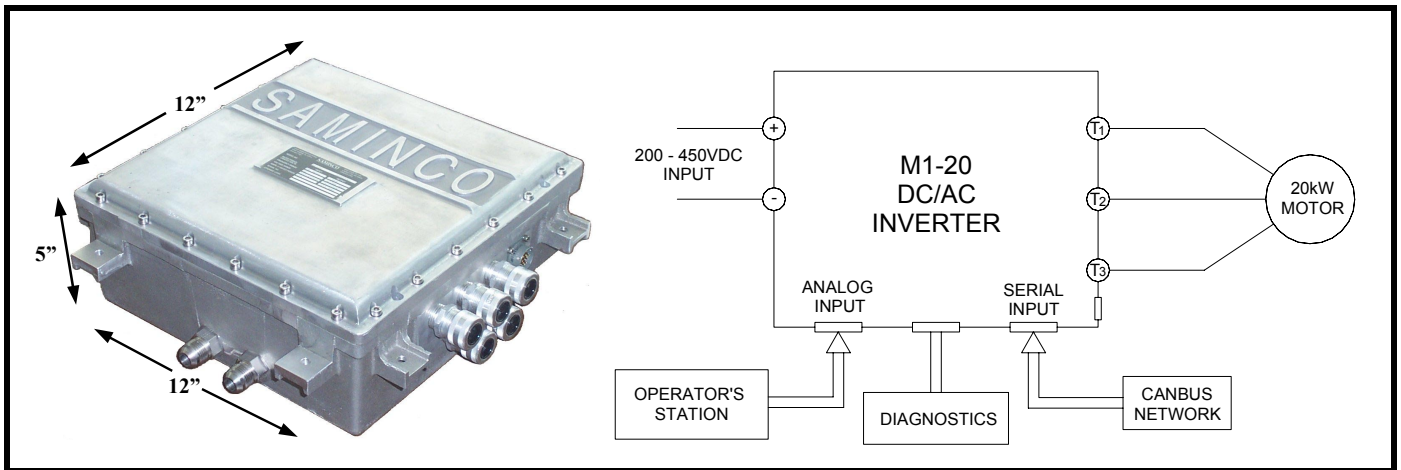


M1-20 20-kW DC/AC Inverter



- Compact, lightweight Flux Vector inverter
- Operates over wide input voltage range: 200VDC MIN, 450VDC MAX.
- Provides Torque control for induction motor
- Controlled via analog control (0 TO 10V) or CANBUS network
- Configured for interfacing with SAMINCO pc-based DRIVE DOCTOR™ real-time diagnostic and control system
- Complete with self contained soft charge circuit and by-pass contactor

| | |
|----------------------------------|---|
| Saminco Part Number: | A800730 |
| Specifications: | |
| Input Voltage: | 200V Min, 450 V Max. |
| Output: | 80A @ 190VAC Continuous |
| Motor Rating: | 20kW @ 190VAC |
| Output Frequency Range: | 0 to 400Hz(up to 1000Hz optional) |
| Peak Accelerating Torque: | 150% of Nominal Rating |
| Peak Braking Torque: | 100% of Nominal Rating (requires Dynamic Braking module and resistor) |
| Analog Torque Reference: | for -100% torque to +150% torque: -6V to +10V. |
| Coolant: | WEG coolant @ 20l/min., Min Temperature -20 degrees Celsius, Max Temperature +65 degrees Celsius. |
| Storage Temperature: | -40 degrees Celsius to +105 degrees Celsius |

Saminco North
4500 State Rt. 152 Lavalette, WV 25535
Phone: (304) 523-4700 Fax: (304) 523-4039

Saminco
10030 Amberwood Road Fort Myers, FL 33910
Phone: (239) 561-1561 Fax: (239) 561-1502