

## MULTIPLE DUTY

Effective 08-01-11  
Supersedes 12-01-09



A rugged and versatile drive with a wide range of ratings for specialized and more demanding applications.

### APPLICATIONS:

- |                           |                               |
|---------------------------|-------------------------------|
| ■ Crushers, Grinders      | ■ Positive Displacement Pumps |
| ■ Compressors             | ■ Stamping, Punch Press       |
| ■ Reciprocating Machinery | ■ Material Handling           |
| ■ Dynamometers            | ■ Winders                     |
| ■ Water and Wastewater    | ■ Commercial Washing Machines |
| ■ Warehouse Automation    | ■ Fans                        |
| ■ Centrifugal Pumps       | ■ Chillers and Refrigeration  |

### FEATURES:

- Designed for Constant/ Variable Torque applications
- Dynamic Torque - Sensorless Vector Control
- PID control
- Backlit LCD/ English language with LED monitor display/ selections for 6 languages
- Keypad may be used as copy unit/ remote mounting options
- Provided with low-noise control power supply
- .25 to 125 hp @ 230V & .5 to 600 hp @ 460V (Constant Torque)
- .25 to 150 hp @ 230V & .5 to 800 hp @ 460V (Variable Torque)
- For external mounting of heatsink when installed in control panels
- Torque limit and control features
- Extensive Diagnostic Information on LCD
- Built-in RS485 communications (Modbus)/ optional Profibus-DP, DeviceNet, Modbus Plus, BACNet, and Metasys protocols
- UL and CE Approved
- NEMA 1 standard up to 30 hp
- Chassis unit 40 hp and above (NEMA 1 option kit available)