



VARIABLE FREQUENCY DRIVE MOTORS

Designed for inverter powered applications having constant or variable torque requirements.

HP – 1 through 300 HP

Phase – Three Phase

RPM – 1200, 1800 and 3600 (see catalog pages for maximum speed range)

Voltage – 230/460, 460

Speed Range:

- 10:1 (6-60 Hz) Variable Torque/5:1 (12-60 Hz) Constant Torque
- 36-1800 RPM (2-60 Hz) Constant Torque
- 2000:1 Constant Torque Speed Range with ACCU-Torq™ Motors

Enclosure

- Open Dripproof (ODP)
- Totally Enclosed Blower Cooled (TEBC)
- Totally Enclosed Fan Cooled (TEFC)
- Totally Enclosed Non-Ventilated (TENV)

Mounting – Footed

Conversion Kits – Available on most ratings

- All Cast Iron Upgrade
- C&D Flanges
- Canopy Kits



The New ACCU-Torq™ Vector Motor



INTRODUCING ACCU-Torq™

Many applications today can benefit from the dynamic performance of ACCU-Torq™ motors. If you need accurate positioning but do not require the high speed and rapid acceleration dynamics of a servomotor, an encoder equipped AC induction motor can be the optimum performance solution. (See page 129 for more details.)

Benefits of Vector Motor Positioning:

- Overcomes high load inertia mismatches without the expense of large servomotors and/or gear reducers.
- Provides precise high-speed positioning when rapid accel./decel. rates are not required.
- Helps enable error free closed loop performance in applications that would be cost prohibitive for the use of traditional servo systems
- Helps eliminate environmental and maintenance issues associated with hydraulic and pneumatic systems.

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