



PERMANENT MAGNET MOTORS

HIGH TORQUE MOTORS

Powertec PACTORQ motors are high performance PMAC motors designed to provide extreme torque across the entire speed range. Their compact design allows for installations with limited space availability, without compromising performance.

HIGH SPEED MOTORS

Powertec F-Series PMAC motors are designed for applications requiring high speeds, low inertia, or broad thermal limits. Our efficient and lightweight rotor design results in a very responsive motor with high starting and running torque, rapid start-stop capabilities and smooth operation over the entire speed range.

FEATURES AND BENEFITS

- Standard two-year warranty
- High power density design results in smaller package
- High efficiency motor technology
- Lower energy consumption
- High dynamic response and performance
- Lower operating temperatures
- Extended bearing life and lower maintenance costs
- Reduced down-time and improved reliability
- Patented dual finned aluminum frame for high thermal efficiency
- Continuous power ratings up to 400 HP and 2200 lb-ft
- Peak power up to 200 percent of rated power
- UL Certified, CSA Listed

ENCLOSURES

- TENV, TEAO, TEFC, TEWC, DPBV, DPBV, DPSV

SPEED RANGE

- Constant-torque speed ranges up to 1000:1 and constant-horsepower designs available
- High rotor speeds up to 12,000 RPM for standard NEMA Frames, and up to 20,000 RPM for customized designs

TYPICAL APPLICATIONS

- Extruders
- Punch presses
- Cranes
- Elevators
- Test stands
- Tube and rolling mills
- Winders

