

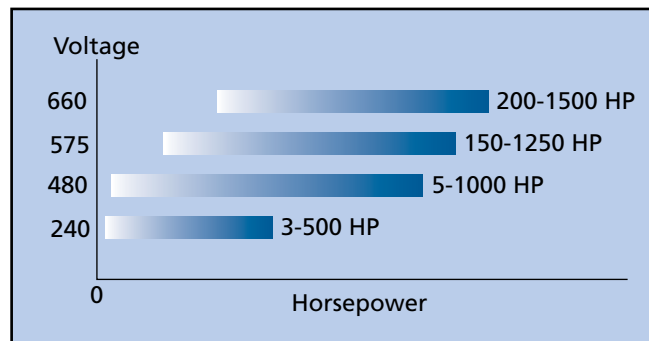
DC CustomPak

In addition to our pre-engineered DC StanardPak solutions, we offer a DC CustomPak solution. Featuring the Mentor II or the Quantum III DC drive, this engineered product can be customized to meet a wide variety of power and control configurations. With power ranges up to 1500 hp and voltages ranging from 240V to 660V, our custom engineered DC packaged solution can meet the needs of the most demanding packaged drive configuration. It features non-regenerative or regenerative operation, high speed fusing, field power supply regulated and unregulated, DC or AC contactor and control power. It also offers optional fieldbus communications & coprocessor accessories for demanding applications.

This packaged solution has several optional features including; a circuit breaker, AC line contactor, DC/DB contactor, fused blower motor starter, door mounted devices, line reactors, 12 pulse operation for harmonic reduction, and higher horsepower range.



Nema -12 (PPBF), Ventilated Encl., 500 hp, 460 VAC, Non-Regen, Circuit Breaker, DC Contactor, Field Regulator



DC CustomPak

Standard Features

- Input Voltage 208-240-380-480-575-660 VAC
- Enclosure or Panel
- 120 VAC control logic
- AC Line semiconductor fuse
- DC output fuse for regenerative drives
- AC, DC, DB contactor
- 2, 8 amp field regulator
- 10, 20A field supply
- DC, AC Tach or Encoder feedback
- Standard field voltage - 240 VAC = 150 VDC
480 VAC = 300 VDC
- CT Soft Windows™ based programming tool

Approvals

- UL508A up to 150 hp @ 240 VAC, 500 hp @ 480 VAC, 40° C

Options

- Door mounted operator devices and meters
- Circuit Breaker or Non-fused disconnect
- Fused blower motor starter
- Non-Standard field volts
- 20, 50, 90 Amp field regulator
- Line Reactor
- DC Choke
- 12 Pulse
- Dynamic braking resistor
- Air conditioner
- Door mounted keypad

Enclosure Design

- Standard Enclosure is (Nema 12 –PPBF) positive pressure blower and filter
- ANSI-61 grey paint
- 14 gauge steel
- Nema 3R, fully gasketed, (PPBF), Positive Pressure Blown and Filtered