



MOTORTRONICS™

Solid State AC Motor Control

Soft Starters for Pumping Applications

Commercial & Residential Irrigation

Sludge Pumps

Submersible Deep Wells

Booster Pumps

Metering Pumps

Storage Tanks

Standalone Soft Starters or

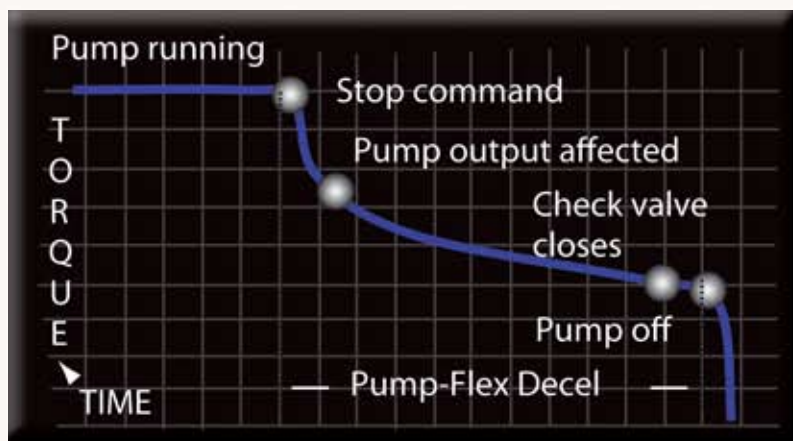
Packaged to customer specification



VMX Soft Starter available from 18 to 1250A
(up to 1200HP)

Eliminate "Water Hammer"
with Pump-Flex Decel™ Control





Eliminate the damaging effects of "Water Hammer" A gradual reduction in the output torque of your pump motor is provided when a stop signal is initiated. When the motor output reaches a point where the check valve can be safely and gently closed, the Pump-Flex™ circuit automatically turns itself off.

Since no two pumps or pump applications are exactly the same, the flexible settings of Pump-Flex™ decel control allow you to tailor the output to precisely match your application requirements. No need for external timers or auxiliary controls.

Packaged Solutions & Standalone Soft-Starters

Rugged Power Components

Inverse parallel paired SCRs
Auto-synchronizing Gate Firing method
500% 60sec Overload Capacity
1600V PIV rating

Line Voltage

200-600VAC 3 phase 50/60HZ

Current Rating

18-1250A (5HP to 1200HP)

AC Supply Voltage

120V Control Voltage (CPT included)

Ramp Control

Closed Loop Torque/Current Ramping
Voltage Ramp with Current Limit

Across the Line Start Capability

Fully Rated Bypass/Emergency Start Contactor
Full voltage/Softstart Selector Switch
Independent Overload Relay

Advanced Motor Protection

Retentive Thermal Memory
Dynamic Reset Capacity



VMX-H

Smart Door Human Machine Interface

Dead Front Door Option Available



VMX

Built-in Functions

Process Control Timer, Operator Interface
Ramp Control Choices (4 built-in), Dual Ramps, Jog Function
Kick Start Function, Pump-Flex™ Deceleration Ramp, Restart Delay Timer
Time Clock Controller, RS-485 Serial Communications

CORPORATE HEADQUARTERS

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