

ELECTRIC DRIVEN VACUUM ASSISTED HIGH HEAD 10X8 PUMPSET 200CH0-E

PP108C18

PUMP SPECIFICATIONS

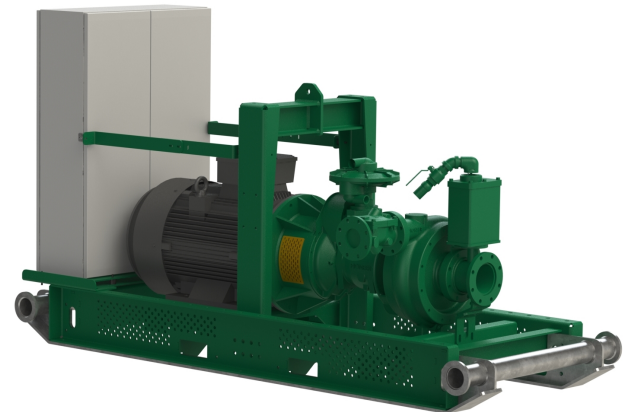
Size	10" x 8" (250 mm x 200 mm)
Max Flow	1300 m ³ /h
Max Head	134 meters
Solids Size	1" (33 mm)

MOTOR & CONTROLS SPECIFICATIONS

Motor Type	315.043TECCB35-IE3
Motor Enclosure Type	Cast Iron, IP55
Motor kW	315kW
Motor Poles	4-pole
Inverter Ready	Yes
Voltage / Phase / Hz	400 & 690V / 3Ø / 50Hz
Controls Model	Variable Frequency Drive
Controls Enclosure	Steel, Painted
Controls Amps Rating	90A
Controls Voltage Rating	415V
Recommended Output Frequency Range	30Hz - 66.6Hz

PIONEER PRIME PRIMING SYSTEM

Priming System	Mechanically driven diaphragm-style vacuum pump
Air Removal Cap.	50 cfm (.02 cms)
Priming Chamber	Positive sealing air separation w/stainless steel components
Discharge Check Valve	Swing style; ductile iron w/nitrile disc
Run Dry System	Oil-lubricated mech. seal allows pump to run completely dry without damage



FEATURES & BENEFITS

- Indefinite run-dry capability
- Environmentally safe priming system: Pioneer Prime
- Auto-start controls
- Quick connect 5-pin power input socket
- Single point lifting bale & forklift pockets
- Permanent alignment coupling technology

PACKAGE SPECIFICATIONS

VFD	Mounted and Wired
Min Operating Speed	750 rpm
Max Operating Speed	2,000 rpm

OPTIONS & ACCESSORIES

- Telemetry with full control and remote monitoring with alerts
- Float levels/switches
- Power cables with quick connectors
- Duplex stainless steel wet end

MATERIALS OF CONSTRUCTION

Impeller	CA6NM Stainless Steel
Shaft	17-4 PH Stainless Steel
Wear Ring	ASTM A48 Class 40 Gray Iron
Suction Cover	Ductile Iron ASTM A536 65-45-12
Volute	Ductile Iron ASTM A536 65-45-12
Brac-Plate/Bracket	Ductile Iron ASTM A536 65-45-12
Mechanical Seal	Silicon Carbide rotating and Tungsten Carbide stationary



PERFORMANCE CURVE

