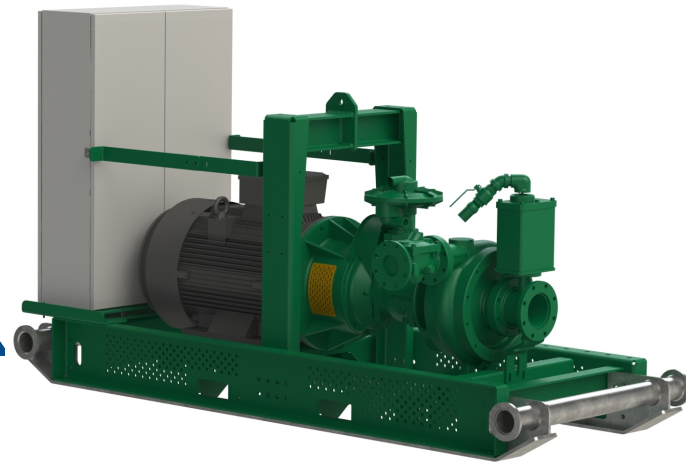


ELECTRIC DRIVEN VACUUM ASSISTED MEDIUM HEAD 6X6 PUMPSET 150SM0-E

PP66S12L71



PUMP SPECIFICATIONS

Size	6" x 6" (150 mm x 150 mm)
Impeller Diameter	11" (279 mm)
Max Flow	620 m ³ /h
Max Head	39 meters
Solids Size	3" (76 mm)

MOTOR & CONTROLS SPECIFICATIONS

Motor Type	45.043TECCB35-IE3
Motor Enclosure Type	Cast Iron, IP55
Motor kW	45kW
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	25Hz -70Hz

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	1,800 rpm
Weight	1600kg
Dimensions (L x W x H)	2650 x 1100 x 1400

OPTIONS & ACCESSORIES

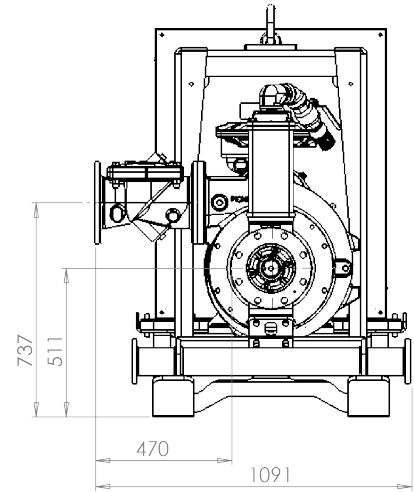
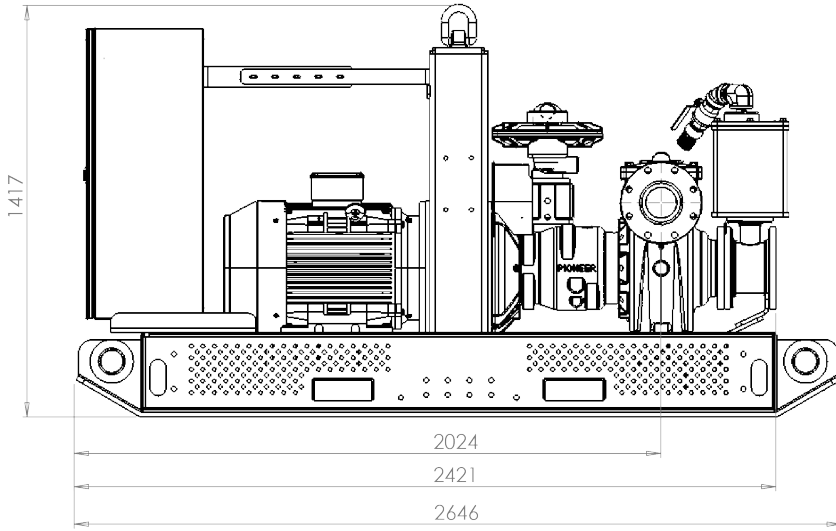
- Telemetry with full control and remote monitoring with alerts
- Float levels/switches
- Power cables with quick connectors
- Duplex stainless steel wet end

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



MECHANICAL DIMENSIONS



PERFORMANCE CURVE

