



6 x 4 Vac Assist Diesel-Driven Pump 100-1064

Pump Specifications

Make	Pioneer
Model	PP64S17
Size	6" x 4" (150 mm x 100 mm)
Impeller Diameter	17" (431.8 mm)
Impeller Type	Enclosed
Max Flow	3,125 gpm (720 m ³ /h)
Max Head	500 feet (150 meters)
Max. Operating Speed	2,100 rpm
Max. Operating Temp.	200 °F (93 °C)
Max. Operating Press.	260 psi
Maximum Solid Size	3 inch (76 mm)

Engine Specifications

FT4 Engine Type	John Deere 6068HFC09
Displacement	415 cu. in. (6.8 l)
Fuel Consumption	11 gph @ 1,800 rpm
Continuous HP	250 hp (187 kW)
Peak Intermittent HP Rating	300 hp (224 kW)
FT4 Specifics (Def or No Def, DOC, SCR, etc.)	DOC, SCR
Safety Shut-Down Switches	Low oil pressure, high temp
Instrument Panel	Oil pressure gauge, ammeter, hourmeter, tachometer

Priming System

Priming System	Mechanically driven diaphragm-style vacuum pump
Air Removal Cap.	50 cfm (.02 cms)
Priming Chamber	Single chamber with positive sealing air separation PosiValve w/stainless steel float ball & linkage
Discharge Check Valve	Swing type, ductile iron w/Buna-N disc



Features & Benefits

- Indefinite run-dry capability
- Extreme flow technology
- Environmentally safe priming system
- Auto-start controls
- Skid options available

Package Specifications

Fuel Capacity	180 U.S. gallons
Control Panel	Controls Inc CX - Programmable Panel
Operating Speed (Min/Max)	1,400 / 2,100 rpm
Weight (Dry/Wet)	6,822 / 8,100 lbs
Instrument Compatibility	High/low level floats, transducers
Trailer Brakes	Electric
Optional Adders	NTE automation

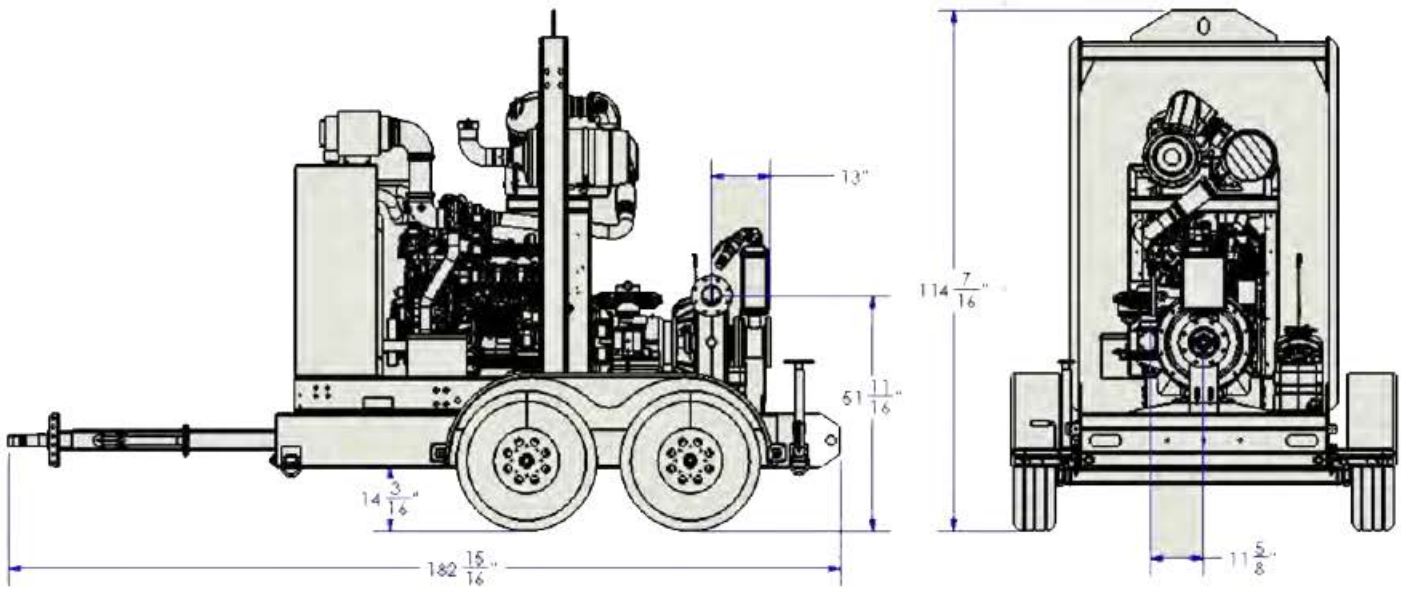
Materials of Construction

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



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Mechanical Dimensions



Performance Curve

