

150SL

Pump Model PP66S10T

Pioneer Prime Vacuum Assisted Diesel-Driven Package



Specifications

Pump Size:	150 × 150 mm
Max Flow:	525 m ³ /h
Max Head:	30 metres
Solids Size:	76 mm
Operating Speed Range:	1400–1800 rpm
Rated Power at BEP:	22 kW
Fuel Tank Size:	260 litres
Fuel Consumption at BEP:	5.6 l/h
Max Running Hours at BEP:	46 h
Sound Rating:	64 dBA at 7 m
L x W x H:	2300 × 1100 × 1610 mm
Dry Weight:	1492 kg
Wet Weight:	1700 kg

UltraPrime™ Priming System

Priming System:	Mechanically Driven Diaphragm Style Vacuum Pump
Air Removal Capability:	50 CFM
Priming Chamber:	Positive Sealing Air Separation Posivalve™ with Stainless Steel Float Ball and Linkage
Discharge Check Valve:	Swing Style – Ductile Iron with Buna-N Disc
Run Dry System:	Oil-Lubricated Mechanical Seal Allows the Pump to Run Completely Dry Without Damage

Features

- Indefinite Run-Dry Capability
- Efficient Design for Reduced Operating Costs
- Auto Stop/Start Control Panel
- Sound Attenuated, Fully Bunded Packages
- Spark Arresting Silencers
- Remote Auxiliary Fuel Connections
- Chalwyn Valve
- Environmentally Safe Priming System with Patented PosiValve™ – No Liquid Carry-Over

Engine Specifications

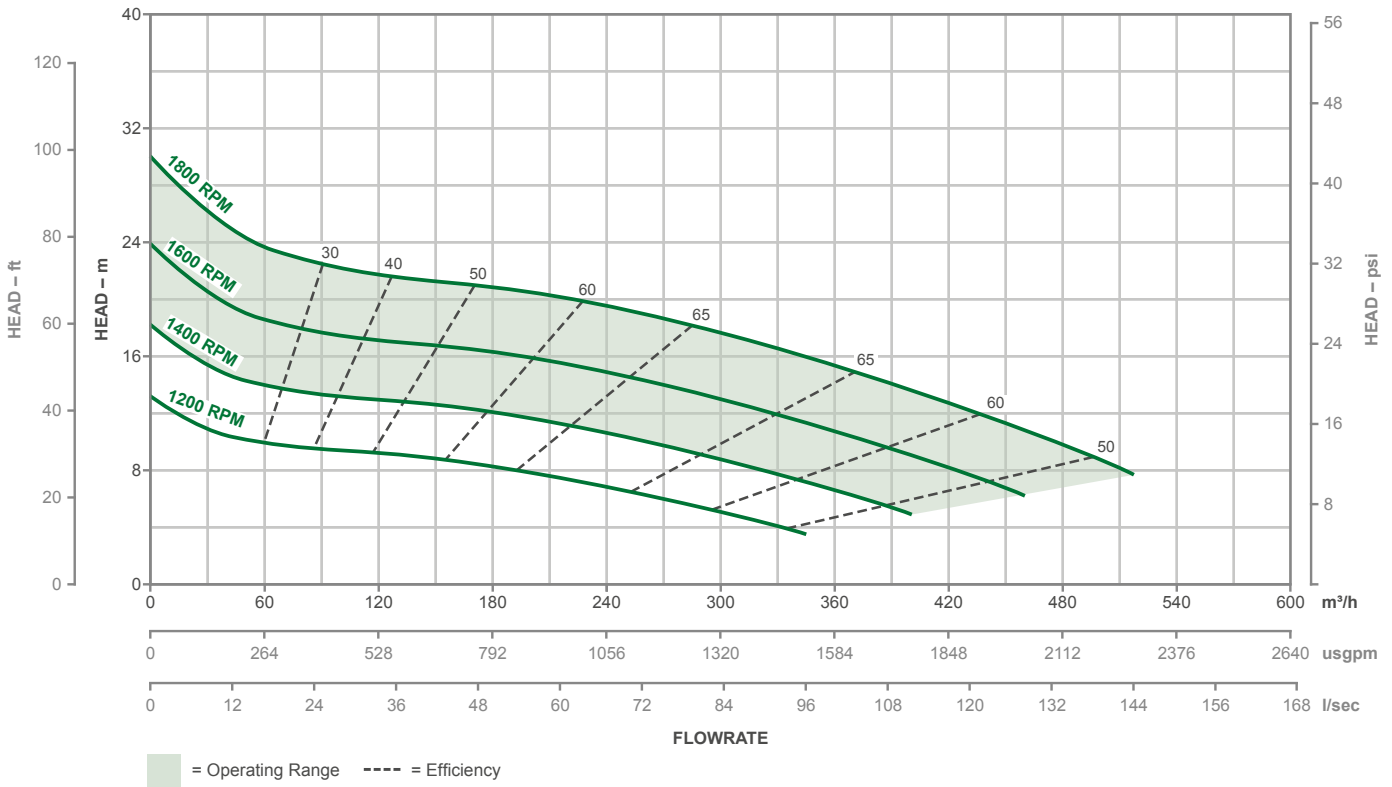
Engine Type:	Perkins 404D-22T
Displacement:	2.2 litres
Max Continuous Power:	29.3 kW
Safety Shutdown Switches:	Low Oil Pressure, High Temperature and V-Belt Failure

Construction Materials

Volute Casing:	ASTM A536 Grade 65 45 12 Ductile Iron
Mechanical Seal:	Tungsten Carbide vs. Silicon Carbide Seal Faces, Viton Elastomers
Impeller:	Enclosed Type Impeller – CA6NM Stainless Steel
Shaft:	17-4 PH

Options: Floats or Telemetry Controls, Road Tow Trailer, Site Trailer, Crash Frame Skid, Electric Driven, Canopy Mounted Working Lights, ATEX Approved Spark Arrestors

Performance Curve



Mechanical Drawing

