

TECHNICAL DATASHEET

Model: HDP 150

Heavy Duty Pump



Professional dry-prime motor pumps in cast iron with solids handling, on sled frame with built-in **removable fuel tank**. The base frame is provided with pockets for forklift forks. The motor pump set is equipped with **soundproof cabin 70-75 db(A)**, liftable by a central hook. The fuel system is composed by **3-Way diesel valve** and quick couplings. The built-in depressor allows rapid priming and the possibility of pumping water even in the presence of a high percentage of air. Priming is also totally automatic and the pumps have the ability to work dry (without water).

DRY PRIME MOTOR PUMP SET	
PUMP	
Suction inlet	Ø 150
Discharge outlet	Ø 150
Maximum flow	315 m ³ /h
Maximum head	35 m
Maximum suction	-8 m
Solids handling	75 mm
Rotation speed	1.800 rpm
Vacuum pump max capacity	50 m ³ /h
DIESEL ENGINE	
Brand and model	Kohler KDI 1903 TCR
Emissions	Stage V
Displacement	1.861 cc
Maximum power	37,0 kW
Numbers of cylinders	3
Coolant	Liquid
Maximum speed	2.600 rpm
Tank capacity	330 l

CONTROL PANEL

IdroMOP

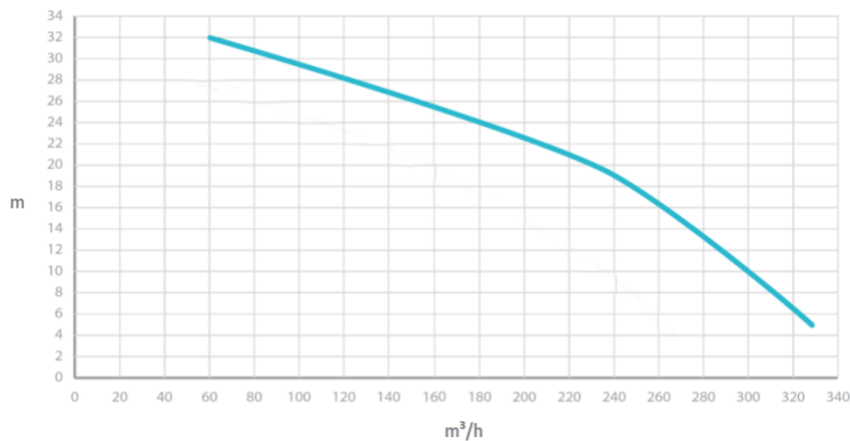
Automatic / manual pressure control, minimum and maximum pressure, under pressure and over pressure, engine protection for oil pressure, engine temperature, belt breaking (no battery charging), minimum fuel level, low water-cooling level, engine overrun, low fuel pressure. Engine heating and cooling management. Display on screen of generic maintenance warning, hour-counter, rpm-counter, fuel level, battery voltmeter, pump protection exclusion, water manometer. Work time setting from 00:01 up to 47:59 hours/minutes. CAN BUS interface suitable also for electronic engines.



OPTIONAL

- Floats for automatic starting
- Remote control (IdroMOP ID4 version)
- Hooks for stackable cabin

HYDRAULIC PUMP PERFORMANCES



DIMENSIONS AND WEIGHT	
Length	2.543 mm
Width	1.041 mm
Height	1.675 mm
Weight	0.000 kg

