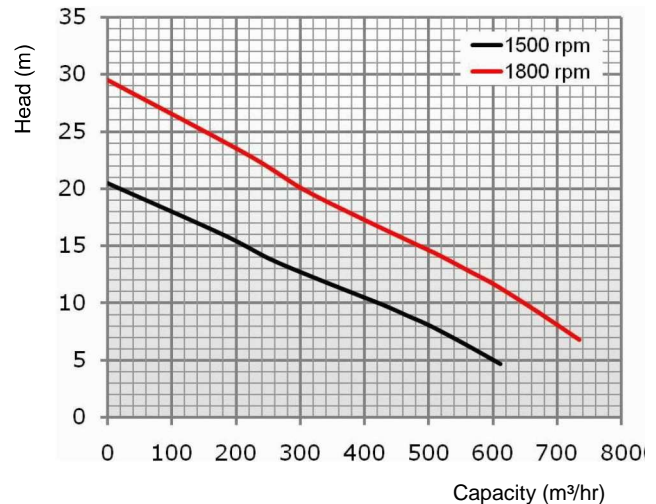


Make / type : Hidrostal / Betsy 200SL GG
Description : dry self-priming, solids handling diesel engine pump unit
Number / revision : 14-TU8348e



Operating conditions

Liquid : water
 Capacity max : 612 m³ at 1500 rpm
 Capacity max : 720 m³ at 1800 rpm
 Head max : 20 m at 1500 rpm
 Head max : 30 m at 1800 rpm

Technical data

Discharge connection : flange PN10, DN 200
 Suction connection : flange PN10, DN 200
 Weight : 2930 kg
 Solids handling : Ø 100 mm

Drive

Engine : diesel engine
 Make / model : John Deere / 4045TF280
 Motorpower / rpm : 26 kW x 1500 rpm
 Motorpower / rpm maximum : 32 kW x 1800 rpm
 Power consumption / rpm standard : 15 kW x 1500 rpm
 Power consumption / rpm maximum : 28 kW x 1800 rpm
 Fuel tank : 575 liter

Features

- large free passage
- capable of pumping viscous liquids containing solids
- large pump capacity combined with low engine power
- the pump set primes very quickly even at very high suction lifts of as much as 8.5 metres
- clog-resistant and wear-resistant centrifugal screw impeller
- can handle large quantities of air, up to 100 m³/hour.
- automatic level switching (engine start and stop level control)
- very economical. Fuel consumption is at least 50% lower than conventional wastewater pumps
- double shaft seal submerged in an oil bath guarantees extended
- patented electronic vacuum system
- very low noise level

Main applications

- pumping bentonite and sludge
- pumping out sewage pits and cellars
- emergency pump unit for fire service, water board and water purification
- pumping out surface water
- pumping out excavation pits and trenches

Notes

- casing doors can be locked
- fuel tank is built into an anti-pollution container with built-in oil separator
- noise emissions reduced to 66dB(A) at 7 meters distance
- doors and panels electrolytically galvanized and powder-coated in RAL 5010; the main components are galvanized
- hand pump for emptying the drip tray and motor oil is fitted inside the canopy

