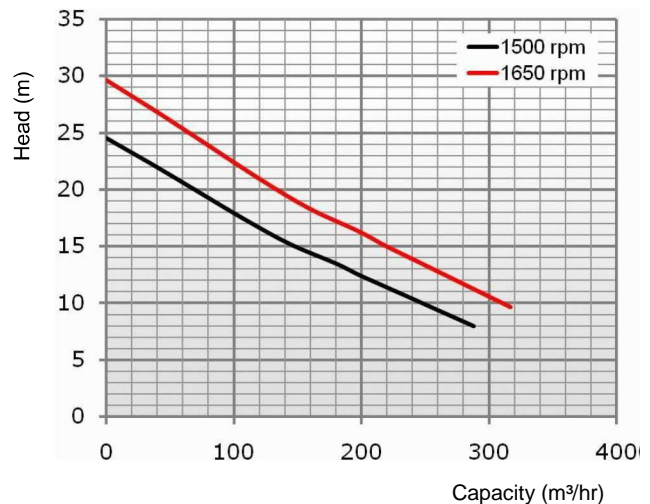


**Make / type** : Hidrostat / Betsy 125M GG  
**Description** : dry self-priming, solids handling diesel engine pump unit  
**Number / revision** : 14-TU8342e



#### Operating conditions

Liquid : water  
 Capacity max : 288 m³ at 1500 rpm  
 Capacity max : 310 m³ at 1650 rpm  
 Head max : 24 m at 1500 rpm  
 Head max : 30 m at 1650 rpm

#### Technical data

Discharge connection : flange PN10, DN 150  
 Suction connection : flange PN10, DN 150  
 Weight : 1855 kg  
 Solids handling : Ø 100 mm

#### Drive

Engine : diesel engine  
 Make / model : Perkins 403D-15 IOPU  
 Motorpower / rpm : 14.5 kW x 1500 rpm  
 Motorpower / rpm maximum : 16.6 kW x 1650 rpm  
 Power consumption / rpm standard : 10 kW x 1500 rpm  
 Power consumption / rpm maximum : 14 kW x 1650 rpm  
 Starting method : 12 volt, manual, automatic level switching and engine protection system  
 Fuel tank : 340 liter

#### Features

- large free passage
- pump is capable of long running times in snore conditions
- 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
- the wear liner can be adjusted from outside the pump volute (1R and 3R)
- 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
- pump units can be stacked
- very low noise level

#### Main applications

- dewatering and drainage activities
- pumping bentonite and sludge
- pumping out sewage pits and cellars
- in situations requiring suction and snoring
- 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 56dB(A) at 7 meters distance
- Aboma+Keboma certification, EC-directive 2000/14/EG Lwa:81 dB
- doors and panels electrolytically galvanized and powder-coated in RAL 5010; the main components are galvanized

