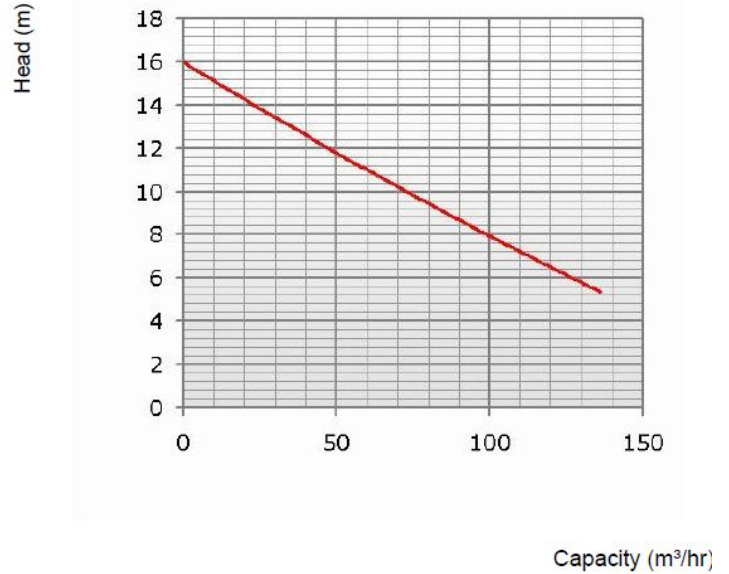


Make / type : Hidrostral / Betsy 100 elec.
Description : 4" dry self-priming electric pump
Number / revision : R02001 / 0



Operating conditions

Liquid : water
 Capacity : see curve, max 136 m³/hr
 Head : see curve, max 16 m

Technical data

Discharge connection : 4 "
 Suction connection : 4 "
 Weight : 900 kg
 Free passage : 75 mm
 Dimensions L x W x H : 1700 x 950 x 1400 mm

Materials

Casing : cast iron
 Impeller : cast iron
 Shaft seal : mechanical seal

Drive

Engine : 2-speed electric motor
 Make : Rotor
 Motorpower / rpm : 5,4 kW x 1460 rpm
 Rated current : 11,5 A
 Protection class : IP55
 Insulation class : F
 Voltage/Phase/Hz : 400v / 3-phase / 50 Hz
 Switchbox : - start: DOL (direct on line)
 - has a manual-0-automatic switch
 - mounted inside the canopy
 - switch for selection rpm

Remarks

- central lifting eye
- option: level control (electrodes)
- electronic vacuum system
- motorpower low speed: 1,7 kW x 975 rpm (IR = 4,9 A)

Features

- very low-energy consumption
- non-clogging screw-centrifugal impeller
- can run unrestricted in snore conditions and can run dry
- primes very quickly on high suction lift
- large free passage
- very low noise level
- capable of pumping viscous liquids containing solids
- easily capable of pumping raw sewage

Main applications

- ground consolidation
- pumping bentonite and sludge
- in situations requiring suction and snoring
- pumping out excavation pits and trenches
- dewatering and drainage activities
- pumping out sewage pits and cellars
- pumping out surface water