



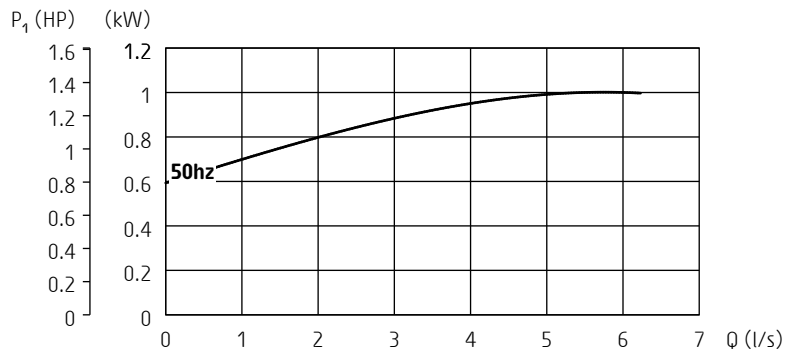
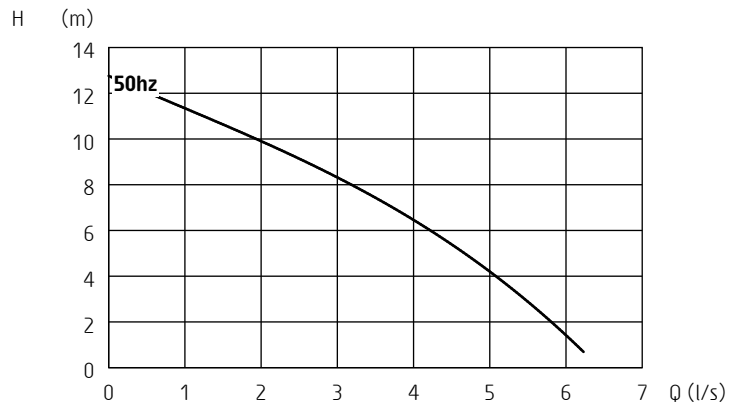
Primo S8

Electrical submersible sludge pump



| 50 Hz | Primo S8 |
|---|----------|
| Discharge connection | 2" |
| Rated power P ₂ [W] | 750 |
| Max. power consumption P ₁ [W] | 1200 |
| Shaft speed [rpm] | 2800 |
| Rated current at 115V | 10.6 A |
| Rated current at 230V | 5.2 A |
| Solids passage [mm] | 25 |
| Height [mm] | 416 |
| Diameter [mm] | 241 |
| Weight [kg] | 13 |

Other voltages on request



ISO 9906/A

Pump types

Single phase

Classification

Electrical submersible sludge pump

Protection class: IP 68

Electrical motor

1-phase: Squirrel cage induction motor with run capacitor

Insulation class: E

Motor protection

1-phase: Temperature guard

Cable

1-phase: H07RN-F, 10 m (33 ft) / 16AWG/3, 33 ft

Limitations

Max. submersion depth: 5 m (16,5 ft)

Max. liquid temperature: 35 °C

Allowed pH range: 6.5 - 8

Shaft seals

Double mechanical seals running in an oil compartment

Material lower seal: *Silicon carbide - Silicon carbide*

Material upper seal: *Silicon carbide - Silicon carbide*

Bearings

Ball bearings

Discharge connection

2" hose, ISO thread, NPT thread

Materials

Pump top: *Aluminium*

Outer casing: -

Stator housing: *Aluminium*

Motor shaft: *Stainless steel*

Impeller: *Cast iron*

Diffuser: *Cast iron*

Screws and nuts: *Stainless steel*

Accessories

External float switch

Specifications can be changed without notice