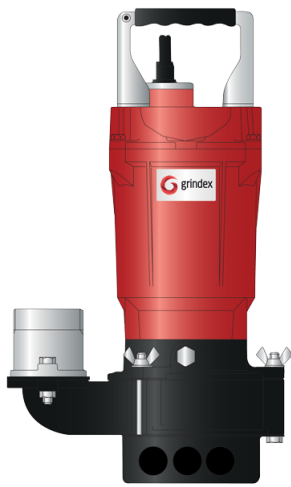


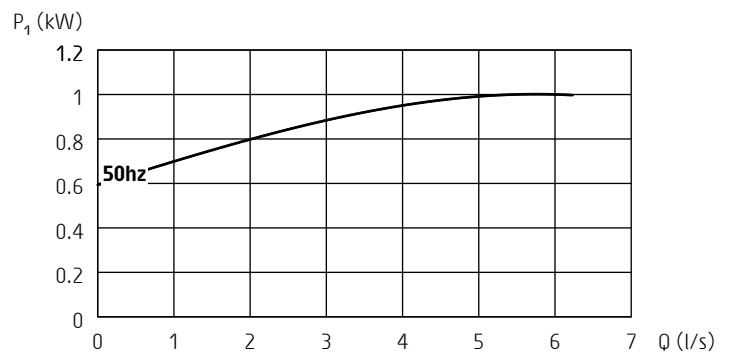
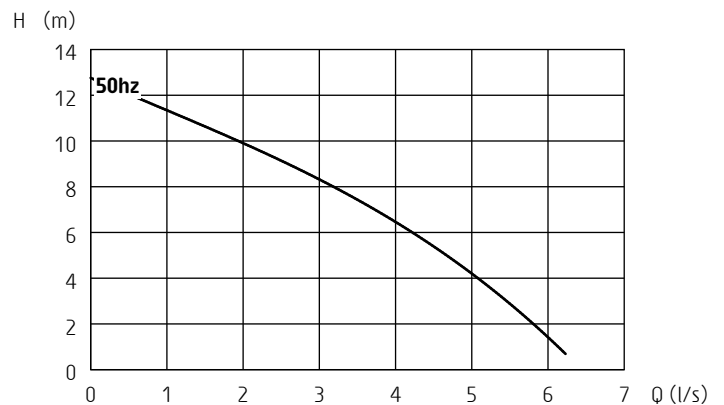
Primo S8

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*

Specifications can be changed without notice