

Submersible sewage pump

Cutting system submersible sewage pump designed for untreated wastewater from domestic, commercial, or municipal sources. The high discharge pressure allows wastewater transfer over long distances. The cutting system easily handles fibrous materials such as gloves, rope, or cloth without clogging.

Construction Characteristics

- Pump body: cast iron
- Motor housing: stainless steel AISI 201
- Impeller: cast iron
- Motor shaft: stainless steel AISI 304
- Mechanical seal: SIC/SIC
- Cable: 8 m power cable with plug

Motor

- Single-phase 230V/50Hz
- Two-pole induction motor (n=2850 r.p.m)
- Protection IP68, Insulation Class B
- Continuous service S1
- Thermal protector

Usage

- type of liquid: untreated waste water from domestic, commercial, or municipal sources
- 5 m maximum immersion depth
- liquid temperature up to 35 °C
- maximum ambient temperature 40 °C

Applications

- transferring waste water over long distances
- cutting and pumping fibre mixtures such as gloves, rope, or cloth without clogging
- suitable for systems requiring low energy consumption and minimal downtime



Technical parameters

Pump	SUBGRIND 1100	SUBGRIND 1500
Power supply	230 V/50 Hz	
Motor power input	1100 W	1500 W
Max. flow rate (Q max)	18 000 l/h	
Max. head (H max)	21 m	22 m
Max. immersion depth	5 m	
Ingress protection	IP68	
Max. liquid temperature	35 °C	
Cable length	8 m	
Connection	2"	
Length	285 mm	285 mm
Width	220 mm	220 mm
Height	530 mm	560 mm
Weight	23 kg	26 kg

