

Submersible sewage pump

Sewage pump with an impeller and cutting blade, designed for contaminated water containing fibrous material — industrial and domestic wastewater with remnants of textile fibers. The pump casing is made of self-cleaning cast iron GG20, the impeller is made of ZG35 steel, the cutting blade is made of ZG40Cr steel, and the shaft is made of 9Cr18 steel (AISI 440 B). The motor has insulation class B and protection rating IP68. The SHREDD pump belongs to the AQUACUP PREMIUM range, and is designed for continuous operation.

Constructional characteristics

- pump casing made of GG20 cast iron
- steel impeller ZG35
- cutting wheel and shredder ZG40Cr
- shaft made of stainless steel 2Cr13
- double mechanical seal in oil chamber (ceramic/carbon, silicon/silicon)
- float switch
- connection 2" – 2 1/4"

Motor

- 230 V, dry-running motor
- single-phase design with built-in capacitor
- protection IP68, insulation class B
- thermal protection in motor winding
- speed 2800 rpm
- flexikabel 10 m HO7RNF 3×1 mm²
- maximum number of starts 30 per hour
- sound pressure level 85 dB

Usage

- type of liquid: sewage and wastewater containing solid particles and fibers
- maximum liquid temperature: 40 °C

Applications

- use in industrial and domestic settings
- pumping wastewater and sludge containing textile fibers
- liquids that are chemically compatible with the pump materials

Technical parameters

Type	SHREDD 1100 QG
Power supply	230 V/50 Hz
Motor power input	1100 W
Max. flow rate (Q max)	18000 l/h
Max. head (H max)	16 m
Ingress protection	IP68
Max. liquid temperature	40 °C
Cable	10 m
Connection DN	2" - 2 1/4"
Weight	33 kg

