

SUBMERSIBLE SEWAGE PUMPS (GRINDER) in cast iron

Submersible sewage pumps with open impeller and grinder device inlet



APPLICATIONS

- Evacuation of civil and industrial waste waters
- Moving foul waste water with filamentary substances and paper
- Emptying cesspits
- Emptying seepage water

TECHNICAL DETAILS

- Open impeller and grinder device inlet

TECHNICAL DATA

- Maximum temperature of the liquid : 40°C
- Max solids size for passage : 6÷7mm
- Single and three-phase asynchronous motor
- Versions available : 2 poles
- Insulation class : H
- Protection degree : IP68
- 230V $\pm 10\%$, 50Hz single-phase voltage 400V $\pm 10\%$, 400/690 $\pm 10\%$, 50Hz three-phase voltage
- Flanges DN40
- Power up to 5 kW

MATERIALS

- Pump body, grinder impeller, motor pump body, volute base, upper cover in cast iron
- Shaft in AISI 420 B
- Mechanical seal: SiC/SiC/NBR (pump side) Carbon/Ceramic/NBR (motor side) (3,2kW and above)