

# GRINDEX SOLID

## sludge pump



[Drainage pump](#) [Submersible pump](#)

### Description

Grindex sludge bell pumps are high-quality, compact and, above all, extremely robust pumps with a relatively low weight. They are particularly suitable for pumping thick, viscous media such as mud and sludge. Thanks to the patented air valve and electronic safety system, the pumps can run dry indefinitely. User-friendly and easy to service and maintain.

### Applications

- o construction sites
- o road and water construction
- o shipping
- o emergency services

### Specifications

- o suitable for contaminated liquids
- o double mechanical seal in oil bath SiC/SiC-Car/Alu
- o capacity: up to 25 m<sup>3</sup>/h
- o delivery head: up to 12 mwk
- o liquid temperature: max. 40 °C
- o free passage for solid particles up to 38 mm
- o discharge connection 2" external thread
- o insulation class: F
- o protection class: IP68
- o 10 meter cable
- o float switch optional
- o motor power P2: 0,9 kW
- o voltage: 1-phase 230 Volt 50 Hz
- o other voltages and frequencies on request
- o suitable for continuous use
- o pump is equipped with an air valve, can run dry indefinitely

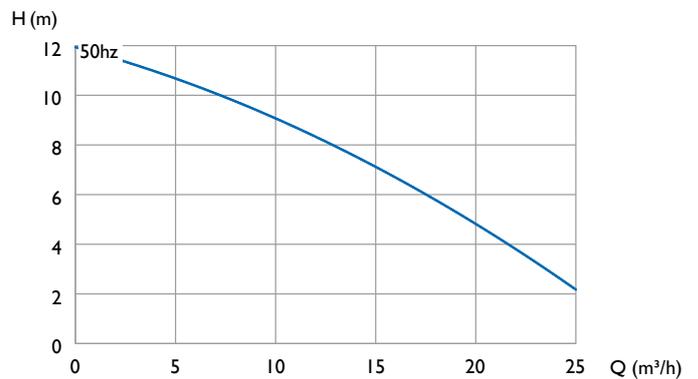


## Materials

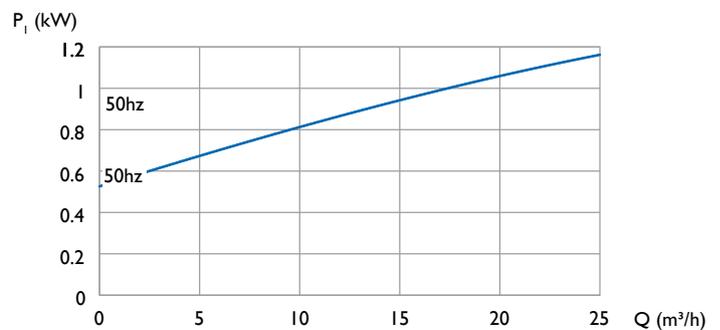
pump head: aluminum  
 outer casing: aluminum  
 stator housing: aluminum  
 motor shaft: stainless steel  
 impeller: polyurethane  
 diffuser: polyurethane  
 screws and nuts: stainless steel



### Capacity graph Grindex Solid 50 Hz



### Power graph Grindex Solid 50 Hz



ISO 9906/A

## GRINDEX SOLID 50 HZ DATA

Type	Solid
Discharge connection	2"
Max. motor power P2	0,9 kW
Max. motor power P1	1,2 kW
Rotational speed	2800 t.p.m.
I nominal	5,2 A (230V)
Free passage	38 mm
Height x diameter	510 x 200 mm
Weight	17 kg