

# GRINDEX SENIOR

## 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

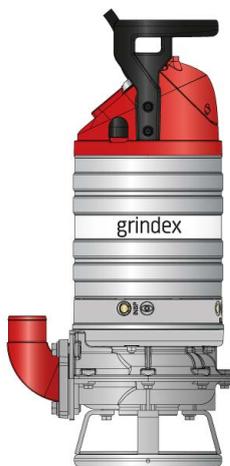
### Specifications

- o suitable for contaminated liquids
- o double mechanical seal in oil bath SiC/SiC-Car/Alu
- o capacity: up to 83 m<sup>3</sup>/h
- o delivery head: up to 9 mwk
- o liquid temperature: max. 40 °C
- o free passage for solid particles up to 80 mm
- o discharge connection 4" external thread
- o insulation class: H
- o protection class: IP68
- o 20 meter cable
- o motor power P2: 3,2 kW
- o voltage: 3-phase 400V 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

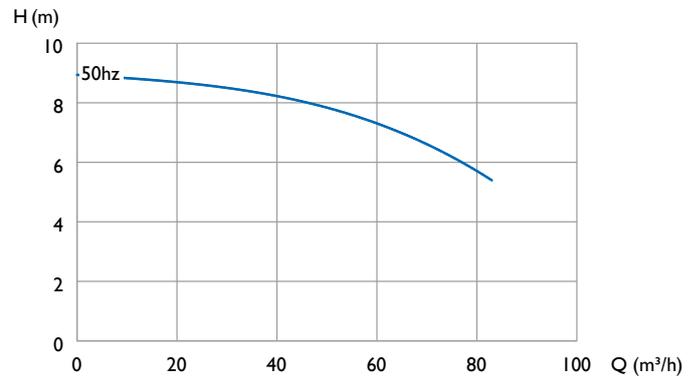


## Materials

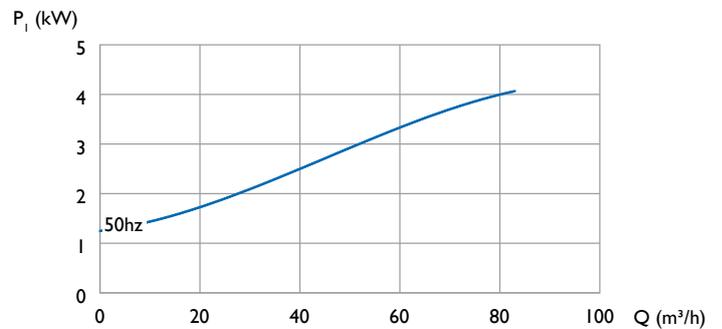
cast parts: aluminum  
 outer casing: stainless steel  
 motor shaft: stainless steel  
 impeller: Hard-Iron™  
 pump housing: aluminum / polyurethane  
 screws and nuts: stainless steel  
 O-rings: NBR



Capacity graph Grindex Senior 50 Hz



Power graph Grindex Senior 50 Hz



ISO 9906/A

## GRINDEX SENIOR 50 HZ DATA

Type	Senior
Discharge connection	4"
Max. motor power P2	3,2 kW
Max. motor power P1	4,2 kW
Rotational speed	1400 t.p.m.
I nominal	7,6 A (230V)
Free passage	80 mm
Height x diameter	867 x 480 mm
Weight	56 kg