

# GRINDEX MASTER

## drainage pump



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

### Description

Grindex drainage pumps are high-quality, compact, and extremely robust pumps with a relatively low weight. They are particularly suitable for abrasive liquids and continuous use. 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-Tun/Alu (Master N and H) SiC/SiC-Car/Alu (Master SH)
- o capacity:
  - up to 200 m<sup>3</sup>/h (Master N)
  - up to 115 m<sup>3</sup>/h (Master H)
  - up to 66 m<sup>3</sup>/h (Master SH)
- o delivery head:
  - up to 36 mwk (Master N)
  - up to 58 mwk (Master H)
  - up to 82 mwk (Master SH)
- o liquid temperature: max. 40 °C
- o free passage for solids up to 10 mm
- o discharge connection 6" external thread (Master N), 4" external thread (Master H), 3" external thread (Master SH)
- o insulation class: H
- o protection class: IP68
- o 20 meter cable
- o motor power P2: 10 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

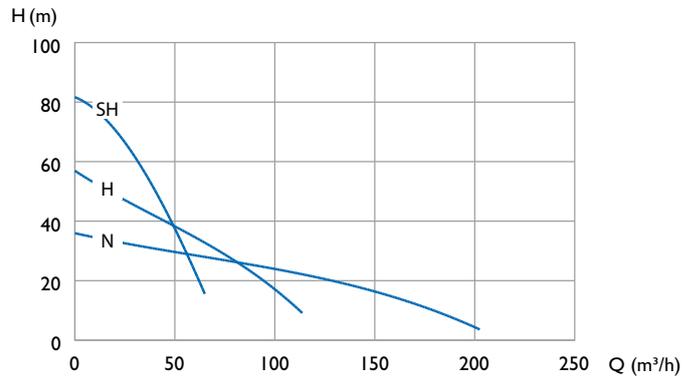


## Materials

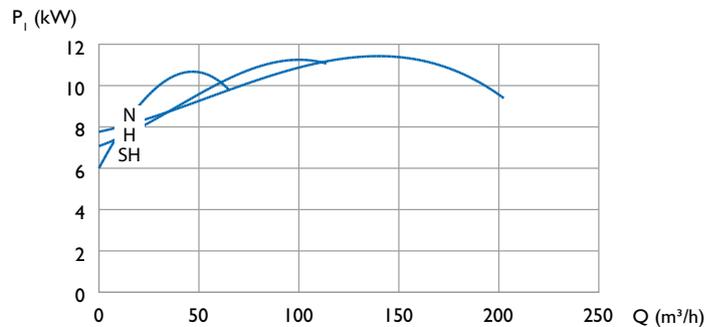
- cast parts: aluminum
- outer casing: stainless steel
- motor shaft: stainless steel
- impeller: Hard-Iron™
- suction cover: Hard-Iron™
- diffusers: NBR
- screws and nuts: stainless steel
- O-rings: NBR



## Capacity graph Grindex Master 50 Hz



## Power graph Grindex Master 50 Hz



ISO 9906/A

## GRINDEX MASTER 50 HZ DATA

Type	Master N	Master H	Master SH
Discharge connection	6"	4"	3"
Max. motor power P2	10 kW	10 kW	10 kW
Max. motor power P1	11,7 kW	11,7 kW	11,7 kW
Rotational speed	2855 t.p.m.	2855 t.p.m.	2855 t.p.m.
I nominal	21 A (400V)	21 A (400V)	21 A (400V)
Free passage	10 mm	10 mm	10 mm
Height x diameter	832 x 346 mm	832 x 346 mm	887 x 346 mm
Weight	80 kg	80 kg	98 kg