

# GRINDEX MAXI

## 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/Tun
- o capacity:
  - up to 865 m<sup>3</sup>/h (Maxi L)
  - up to 595 m<sup>3</sup>/h (Maxi N)
  - up to 201 m<sup>3</sup>/h (Maxi H)
  - up to 220 m<sup>3</sup>/h (Maxi H-Lite)
  - up to 138 m<sup>3</sup>/h (Maxi SH)

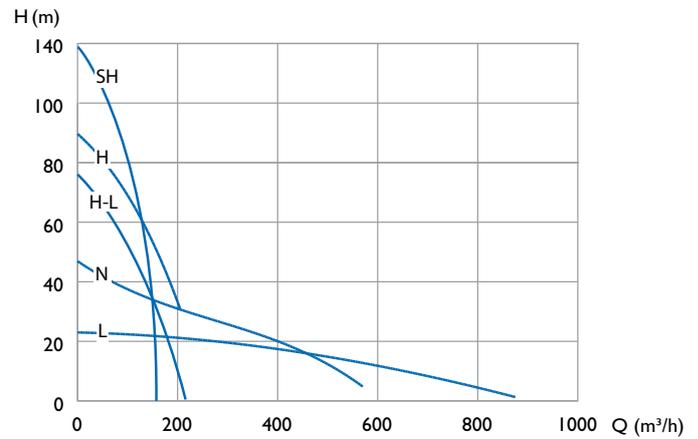
- o delivery head:
  - up to 24 mwk (Maxi L)
  - up to 46 mwk (Maxi N)
  - up to 90 mwk (Maxi H)
  - up to 75 mwk (Maxi H-Lite)
  - up to 140 mwk (Maxi SH)
- o liquid temperature: max. 40 °C
- o free passage for solid particles up to 12 mm
- o discharge connection 8" external thread (Maxi L / Maxi N), 4" external thread (Maxi H / Maxi H-Lite / Maxi SH)
- o insulation class: H
- o protection class: IP68
- o 20 meter cable
- o motor power P2: 37 kW (Maxi N, Maxi H en Maxi SH) en 31 kW (Maxi L), 25 kW (Maxi H-Lite)
- 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



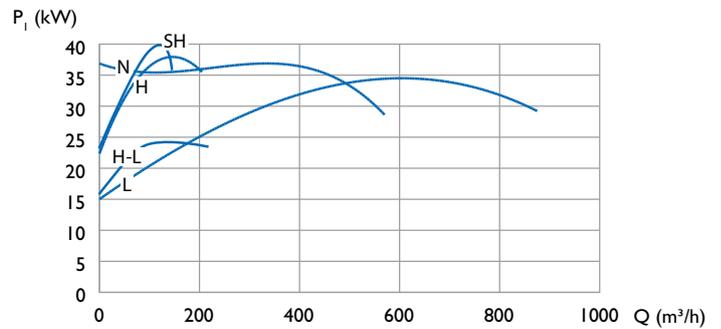
## Materiaal

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

### Capacity graph Grindex Maxi 50 Hz



### Power graph Grindex Maxi 50 Hz



ISO 9906/A

## GRINDEX MAXI 50 HZ DATA

Type	Maxi H	Maxi H-Lite	Maxi L	Maxi N	Maxi SH
Discharge connection	4"	4"	8"	8"	4"
Max. motor power P2	37 kW	25 kW	30 kW	37 kW	37 kW
Max. motor power P1	41 kW	28 kW	33 kW	41 kW	41 kW
Rotational speed	2950 t.p.m.	2915 t.p.m.	1465 t.p.m.	2950 t.p.m.	2945 t.p.m.
I nominal	65 A (400V)	44 A (400V)	57 A (400V)	65 A (400V)	65 A (400V)
Free passage	12 mm				
Height x diameter	1046 x 436 mm	1046 x 436 mm	1302 x 510 mm	1302 x 506 mm	1148 x 440 mm
Weight	240 kg	210 kg	285 kg	280 kg	270 kg