

GRINDEX MAJOR

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
- o capacity:
 - up to 138 m³/h (Major N)
 - up to 73 m³/h (Major H)
- o delivery head:
 - up to 28 mwk (Major N)
 - up to 46 mwk (Major H)
- o liquid temperature: max. 40 °C
- o free passage for solid particles up to 10 mm
- o discharge connection 4" external thread (Major N), 3" external thread (Major H)
- o insulation class: H
- o protection class: IP68
- o 20 meter cable
- o motor power P2: 5,6 kW
- o voltage: 3-phase 400V 50Hz
- o other voltages and frequencies on request
- o suitable for continuous use
- o pump is equipped with an air valve, can run dry indefinitely

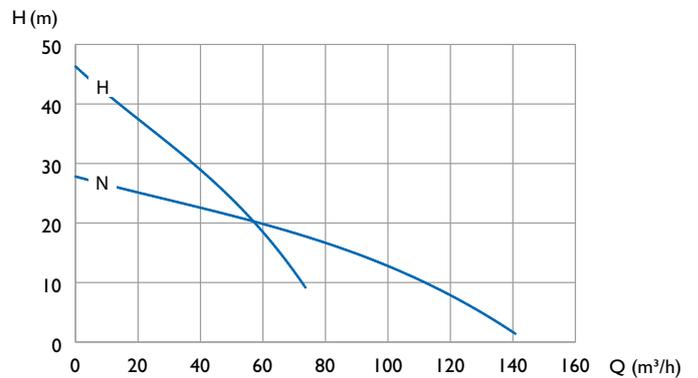


Materials

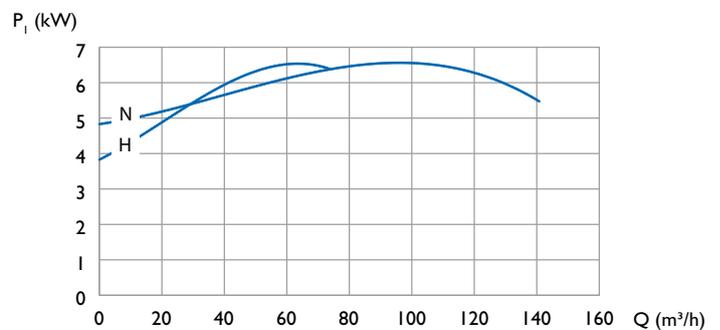
- cast parts: aluminum
- outer casing: stainless steel
- motor shaft: stainless steel
- impeller: Hard-Iron™
- suction cover: Hard-Iron™
- diffusers: NBR
- screws and nuts: stainless steel
- O-rings: NBR



Capacity graph Grindex Major 50 Hz



Power graph Grindex Major 50 Hz



ISO 9906/A

GRINDEX MAJOR 50 HZ DATA

Type	Major N	Major H
Discharge connection	4"	3"
Max. motor power P2	5,6 kW	5,6 kW
Max. motor power P1	6,6 kW	6,6 kW
Rotational speed	2895 t.p.m.	2895 t.p.m.
I nominal	11 A (400V)	11 A (400V)
Free passage	10 mm	10 mm
Height x diameter	768 × 286 mm	768 × 286 mm
Weight	50 kg	50 kg