

GRINDEX MINEX

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 41 m³/h (Minex 1f)
 - up to 28 m³/h (Minex Lite)
 - up to 40 m³/h (Minex 3f)
- o delivery head:
 - up to 18 mwk (Minex 1f)
 - up to 15 mwk (Minex Lite)
 - up to 17 mwk (Minex 3f)
- o liquid temperature: max. 40 °C
- o free passage for solids up to 7,5 mm
- o discharge connection 2" external thread
- o insulation class: F
- o protection class: IP68
- o 20 meter cable
- o float switch optional
- o motor power P2: 0,8 kW (Minex Lite), 1,4 kW (Minex 1f), 1,2 kW (Minex 3f)
- o voltages:
 - 1-phase 230 Volt 50 Hz (Minex 1f and Lite)
 - 3-phase 400V 50 Hz (Minex 3f)
 - other frequencies and voltages on request
- o suitable for continuous use
- o pump is equipped with an air valve, can run dry indefinitely

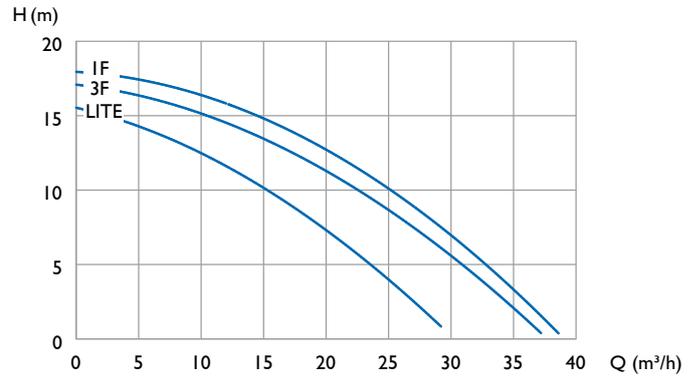


Materials

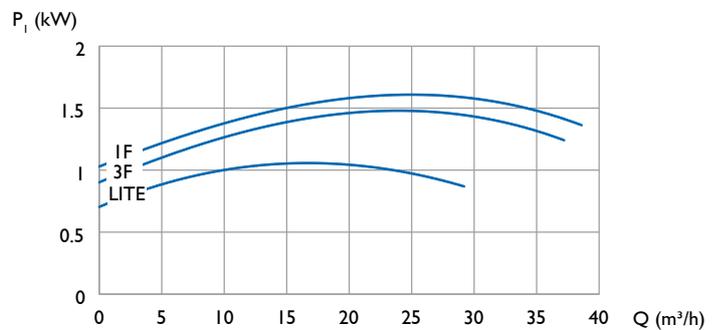
- cast parts: aluminum
- outer casing: stainless steel
- motor shaft: stainless steel
- impeller: Hard-Iron™
- diffusers: NBR
- screws and nuts: stainless steel
- O-rings: NBR



Capacity graph Grindex Minex 50 Hz



Power graph Grindex Minex 50 Hz



Grindex Minex 50 Hz data

Type	Minex Lite	Minex 1f	Minex 3f
Discharge connection	2"	2"	2"
Max. motor power P2	0,85 kW	1,4 kW	1,2 kW
Max. motor power P1	1,1 kW	1,8 kW	1,6 kW
Rotational speed	2755 t.p.m.	2870 t.p.m.	2740 t.p.m.
I nominal	5,1 A (230V)	7,8 A (230V)	2,6 A (400V)
Free passage	7,5 mm	7,5 mm	7,5 mm
Height x diameter	616 × 200 mm	646 × 200 mm	616 × 200 mm
Weight	21,5 kg	25 kg	21,5 kg