

GRINDEX SALVADOR

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 40 m³/h (Salvador 1f)
 - up to 45 m³/h (Salvador 3f)
- o delivery head:
 - up to 14 mwk (Salvador 1f)
 - up to 16 mwk (Salvador 3f)
- o liquid temperature: max. 40 °C
- o free passage for solid particles up to 50 mm
- o discharge connection 3" external thread
- o insulation class: F
- o protection class: IP68
- o 20 meter cable
- o float switch optional
- o motor power P2: 1,5 kW (Salvador 1f)
2,2 kW (Salvador 3f)
- o voltages:
 - 1-phase 230 Volt 50 Hz (Salvador 1f)
 - 3-phase 400V 50 Hz (Salvador 3f)
 - other voltages and frequencies on request
- o suitable for continuous use
- o pump is equipped with an air valve, can run dry indefinitely

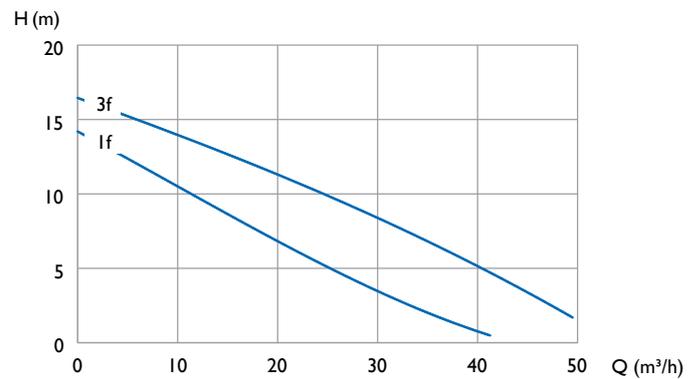


Materials

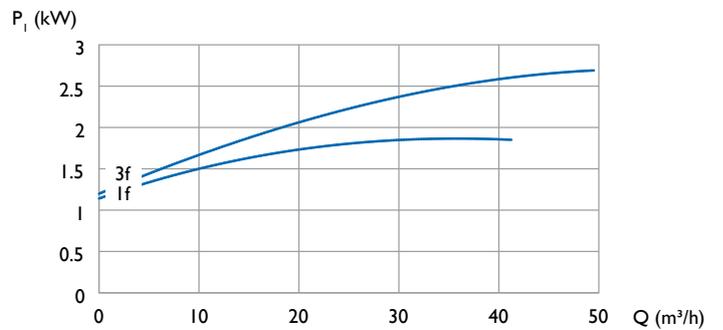
- cast parts: aluminum
- outer casing: stainless steel
- motor shaft: stainless steel
- impeller: Hard-Iron™
- pump housing: aluminum / polyurethane
- screws and nuts: stainless steel
- O-rings: NBR



Capacity graph Grindex Salvador 50 Hz



Power graph Grindex Salvador 50 Hz



ISO 9906/A

GRINDEX SALVADOR 50 HZ DATA

Type	Salvador 1f	Salvador 3f
Discharge connections	3"	3"
Max. motor power P2	1,5 kW	2,2 kW
Max. motor power P1	1,9 kW	2,7 kW
Rotational speed	2800 t.p.m.	2800 t.p.m.
I nominal	8,4 A (230V)	4,5 A (400V)
Free passage	50 mm	50 mm
Height x diameter	782 x 249 mm	782 x 249 mm
Weight	33 kg	33 kg