



grindex

Submersible heavy-duty pumps for construction, tunnelling, mining, quarries and other demanding industries



Drainage pumps

- Mini
- Minex
- Minette
- Minor
- Major
- Master
- Matador
- Maxi
- Magnum
- Mega

Sludge pumps

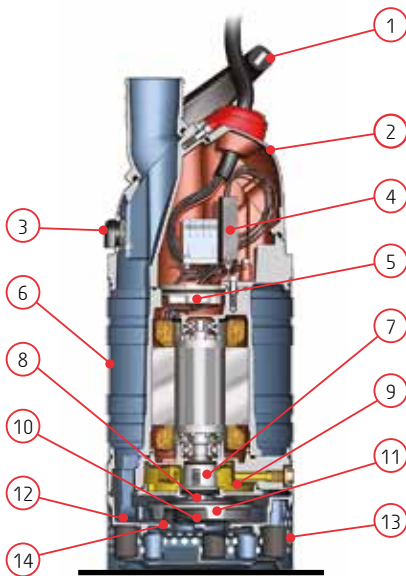
- Solid
- Salvador
- Senior
- Sandy

50 Hz

This is what makes our pumps unique

ELECTRIC DRAINAGE PUMPS

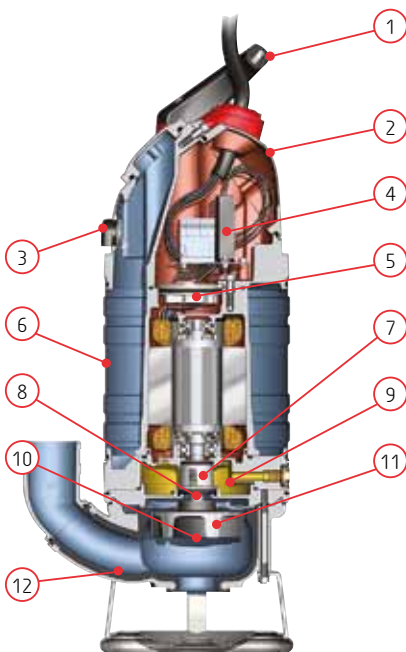
MINEX – MINETTE – MINOR – MAJOR – MASTER – MATADOR



1. **Ergonomic handle with a rubber grip on a metal frame**
Larger pumps can be placed upside down during service
New! Lifting eyelet for hooks (Minor – Major, Senior – Sandy)
2. **Inspection cover for easy access to junction box**
New! Larger opening simplifies maintenance
New! Simplified disassembly/assembly of the pump and reduced risk of leakage due to integrated intermediate-piece
3. **Air valve cools the pump when water is pumped**
New! Improved cooling performance thanks to better flowing air valves
4. **SMART motor protection protects the pump against electrical problems and built-in contactor eliminates need for external starting equipment (Minex – Matador and Salvador – Sandy)**
Temperature switch cuts the power if the temperature gets too high
Phase guard protects the pump by cutting the power if a phase fails
Grindex Rotasense guard ensures the impeller turns in the right direction
5. **Enhanced terminal board with sealing function**
New! Quick-release terminal plate unit simplifies maintenance and acts as an effective seal between the junction box and the stator
6. **Durable outer jacket made from corrugated stainless steel**
Provides high resistance against harsh conditions and rough handling
7. **Cartridge seal for easier servicing**
Pre-assembled in a single unit - faster and easier to service
New! Newly constructed seal design with rugged metal housing for improved heat transfer and improved sealing function for longer life

ELECTRIC SUBMERSIBLE SLUDGE PUMP

SALVADOR – SENIOR – SANDY



8. **Built-in particle repeller**
The particle repeller carries particles away from the seal, thereby reducing wear and increasing the life of the seal
9. **Simplified oil inspection and service, thanks to external oil plugs**
New! Larger oil capacity improves cooling and increases seal life (Minex, Minette, Salvador, Matador)
10. **Single adjustment screw for easy adjustment of the impeller and better performance**
New! New construction that minimizes the risk of improper adjustment (Minex, Minette)
11. **Hard-Iron™ impeller**
New! New design of the open impeller - increases durability and performance (Minex – Minette)
12. **Hard wearing coating of polyurethane on sludge pumps**
Better durability in some of the most demanding applications
New! Minor – Matador pumps are available with Polyurethane coated options
13. **Durable strainer in stainless steel with ergonomic grip**
Easy to clean and keeps the inlet free of debris
New! Deeper edge provides more stability and better grip for lifting
14. **Wear Protection system for drainage pumps**
Wear protection increases the life of hydraulic parts by transporting particles away from the adjustment gap

Sludge pumps

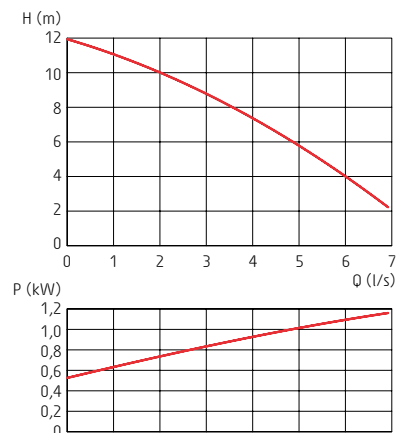
Grindex sludge pumps are designed for professional use in tough applications like mines, construction sites, tunnel sites and other demanding industries.

The pumps are designed for continuous, unattended operation. They have proven their reliability and dependable performance in demanding areas like building and construction, mining, tunnelling, quarries, industries, car washes and rental applications.

SOLID

| Technical data | Solid |
|------------------------|----------|
| Discharge connection | 2" |
| Rated output | 0.9 kW |
| Max power consumption | 1.2 kW |
| Rated current at 230 V | 5.2 A |
| Shaft speed | 2800 RPM |
| Solids passage | Ø 38 mm |
| Weight | 17 kg |
| Height | 510 mm |
| Width | 280 mm |

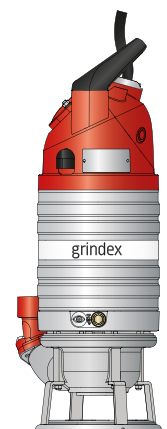
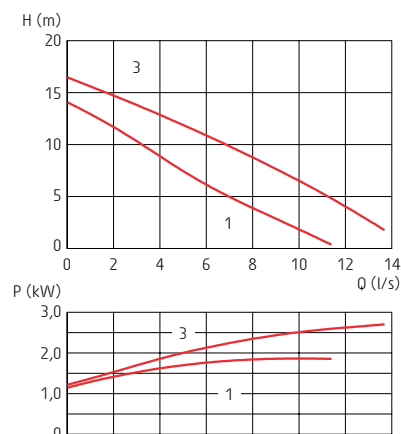
Other voltages on request



SALVADOR

| Technical data | 1~ | 3~ |
|------------------------|----------|----------|
| Discharge connection | 3" | 3" |
| Rated output | 1.5 kW | 2.2 kW |
| Max power consumption | 1.9 kW | 2.7 kW |
| Rated current at 230 V | 8.4 A | 8.1 A |
| Rated current at 400 V | - | 4.5 A |
| Shaft speed | 2830 RPM | 2800 RPM |
| Solids passage | Ø 50 mm | Ø 50 mm |
| Weight | 33 kg | 33 kg |
| Height | 782 mm | 782 mm |
| Width | 360 mm | 360 mm |
| Diameter | Ø 249 mm | Ø 249 mm |

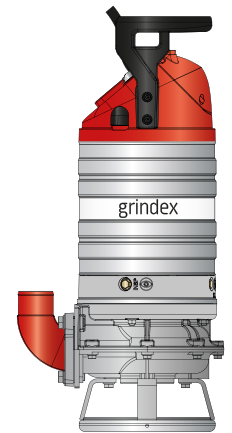
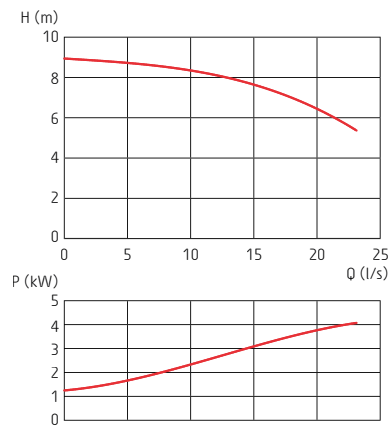
Other voltages on request



SENIOR

| Technical data | N |
|------------------------|----------|
| Discharge connection | 4" |
| Rated output | 3.2 kW |
| Max power consumption | 4.2 kW |
| Rated current at 400 V | 7.6 A |
| Rated current at 500 V | 6.0 A |
| Shaft speed | 1400 RPM |
| Solids passage | Ø 80 mm |
| Weight | 56 kg |
| Height | 867 mm |
| Width | 480 mm |
| Diameter | Ø 320 mm |

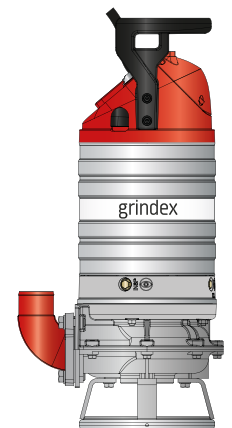
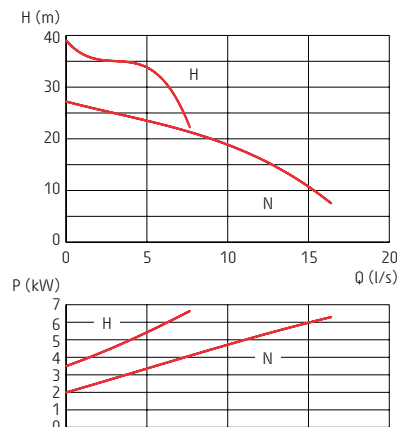
Other voltages on request



SANDY

| Technical data | N | H |
|------------------------|----------|----------|
| Discharge connection | 3" | 3" |
| Rated output | 5.6 kW | 5.6 kW |
| Max power consumption | 6.6 kW | 6.6 kW |
| Rated current at 400 V | 11 A | 11 A |
| Rated current at 500 V | 8.7 A | 8.7 A |
| Shaft speed | 2895 RPM | 2895 RPM |
| Solids passage | Ø 50 mm | Ø 32 mm |
| Weight | 56 kg | 56 kg |
| Height | 867 mm | 867 mm |
| Width | 460 mm | 430 mm |
| Diameter | Ø 320 mm | Ø 320 mm |

Other voltages on request



Whatever your pumping demands are, Grindex has the solution

Grindex pumps are designed for continuous, unattended operation. For 50 years, they have proven their reliable and dependable performance in a wide range of challenging applications worldwide:

- Building and construction
- Mining
- Tunnelling
- Quarries
- Industries
- Power plants
- Dry dock/off shore
- Steel mills
- Underground utilities
- Rental
- Flood relief
- Local and national government
- Agriculture



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