



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

Drainage pumps:

Minex
Minette
Minor
Major
Master
Matador
Maxi
Magnum
Mega

Sludge pumps:

Salvador
Senior
Sandy

50 Hz



GBAYGAR



Spend less per m³ pumped

Just like our pumps spend most of their life hidden below the water surface, the greater part of total pumping cost is usually also hidden. In most cases, installation, operation and servicing costs easily outweigh the cost of acquisition. Let our pumps drain water, not your wallet.

Pump
Unique features



Installing
Plug and pump



Operation
Lasting performance



Checking
Avoid costly repairs



Easy maintenance
Service one service all



Translating user requirements into product features

After some 50 years of designing and manufacturing submersible electrical dewatering pumps and listening to the customers, Grindex offers a drainage and sludge pump family designed to dramatically reduce operational costs.

The pumps in the range have an output of 0.85 - 90 kW and cover almost any application within building and construction, mining, quarries and tunnelling as well as municipal and other demanding industries.

They offer all the benefits you have come to expect from Grindex pumps:

- Reliability thanks to:
 - Air valve that cools the pump should it run dry
 - SMART motor protection system, protects the pump from damage caused by different power failures
- All in the head:
 - Built-in start equipment in almost all pumps, no need of external start equipment

On top of that, we have added some new features:

- New hydraulic design:
 - Several solutions that minimize wear, makes the pumps at least three times more wear resistant.
 - New materials.
- Fewer components:
 - Makes inspection and service faster, easier and cheaper.
- Ergonomic design:
 - Simplifies the pump handling

Grindex – Trouble-free dewatering



Air valve

Cools the pump should it run dry



Wear Protector system

Provides better wear resistance



Built-in start equipment

Plug and pump

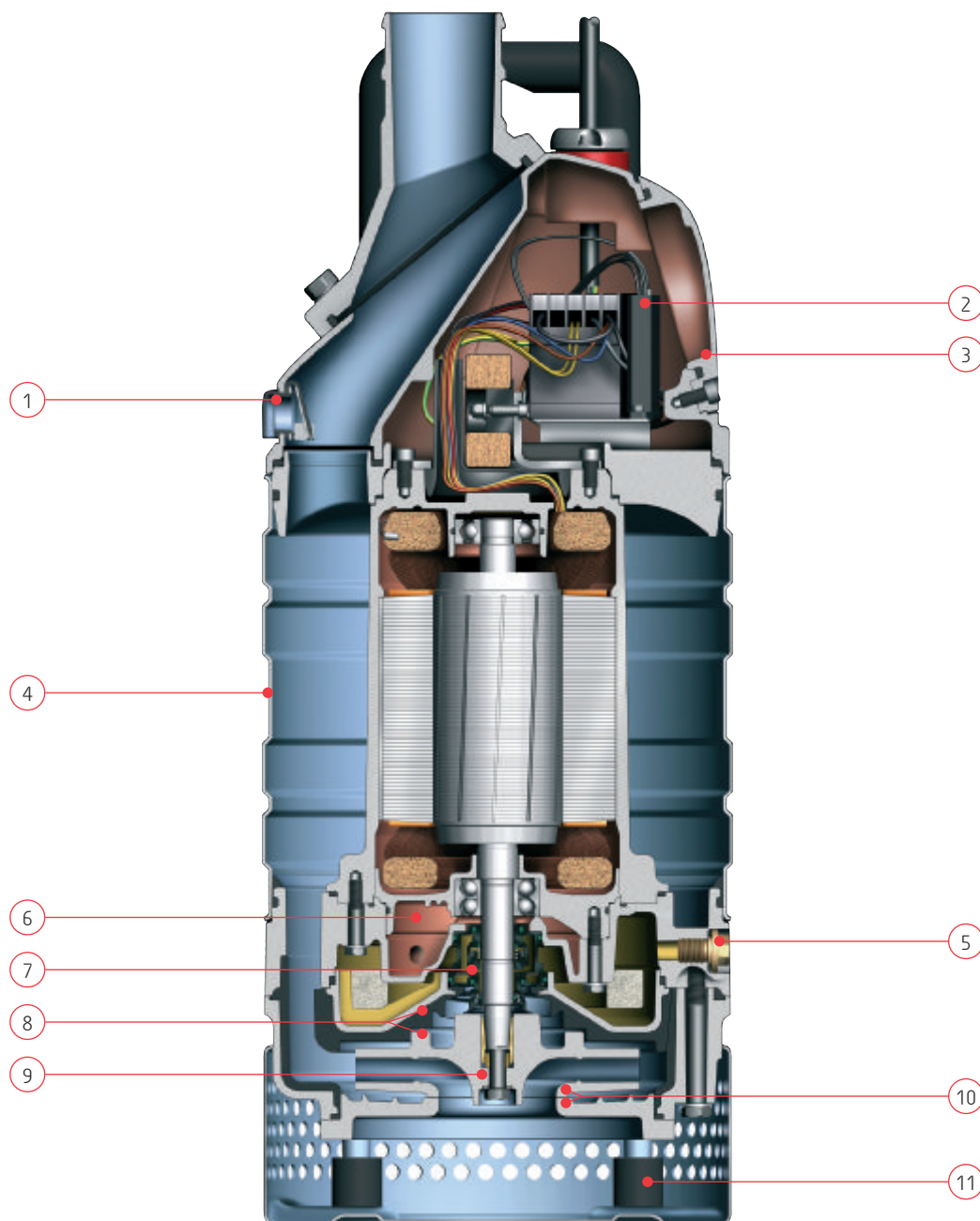


Easy to service

Lasting performance



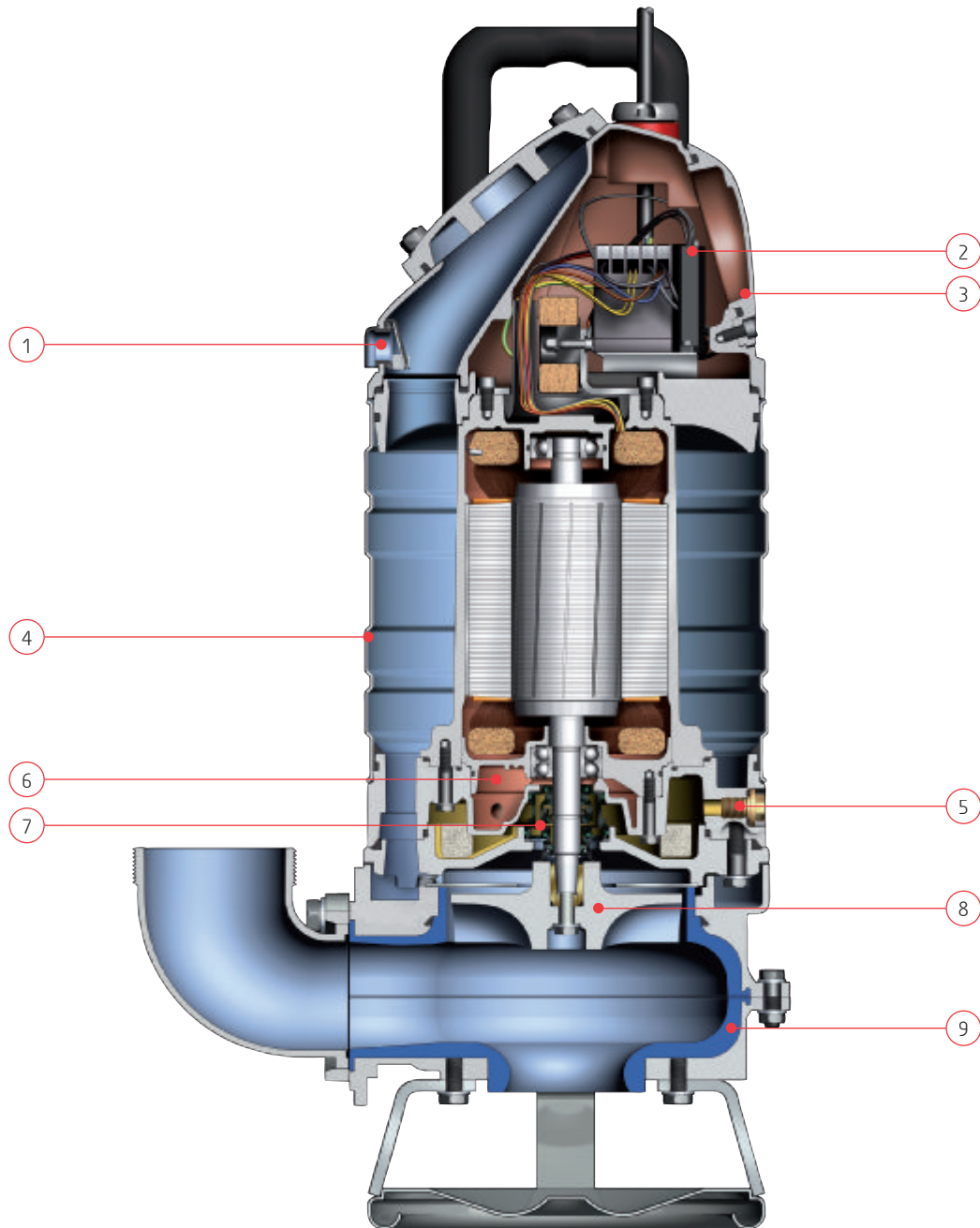
This is what makes our drainage pumps unique



MINEX – MATADOR

- | | | |
|---|--|---|
| 1 Air valve
Cools the pump should it run dry | 5 External oil plug
Easier to check and change oil | 9 Single adjustment screw
Easy to adjust the impeller for optimal performance |
| 2 SMART motor protection
Protects the pump from damage caused by different power failures | 6 Inspection chamber
Provides early indication of seal problem | 10 Wear Protector system
Provides better wear resistance |
| 3 Inspection cover
For easy inspection of electrical components | 7 Cartridge seal
Pre-assembled, faster and easier to mount | 11 Rubber shock absorbers
Gives superior impact protection |
| 4 Outer casing in corrugated stainless steel
Handles rough treatment | 8 Seal Saver system
Reduces seal wear | |

This is what makes our sludge pumps unique



SALVADOR - SANDY

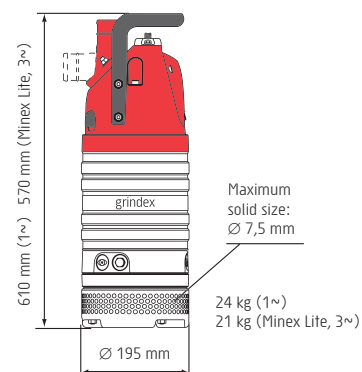
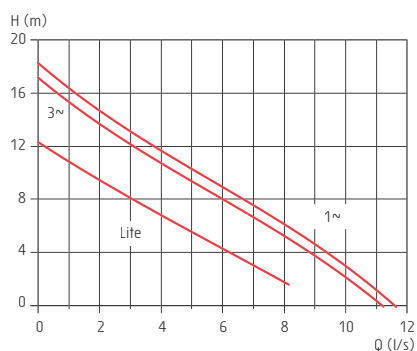
- | | | |
|---|---|---|
| 1 Air valve
Cools the pump should it run dry | 4 Outer casing in corrugated stainless steel
Can handle rough treatment | 7 Cartridge seal
Pre-assembled, faster and easier to mount |
| 2 SMART motor protection
Protects the pump from damage caused by different power failures | 5 External oil plug
Easier to check and change oil | 8 Vortex impeller
Clog resistant |
| 3 Inspection cover
For easy inspection of electrical components | 6 Inspection chamber
Provides early indication of seal problem | 9 Polyurethane lined pump housing
Provides better wear resistance |



DRAINAGE PUMPS: MINEX – MINOR

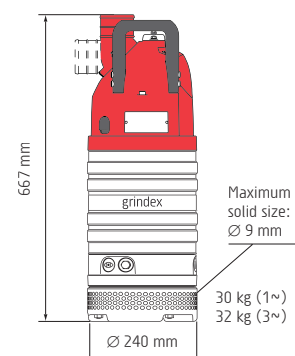
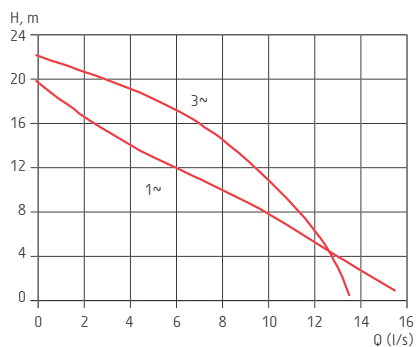
MINEX

Technical data	Minex Lite	1~	3~
Discharge connection	2"	2"	2"
Rated output	0,85 kW	1,3 kW	1,2 kW
Max power consumption	1,1 kW	1,7 kW	1,6 kW
Shaft speed	2785 RPM	2860 RPM	2760 RPM
Rated current at 230 V	5,1 A	7,2 A	4,7 A
Rated current at 400 V	-	-	2,7 A



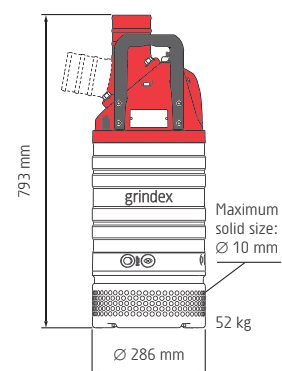
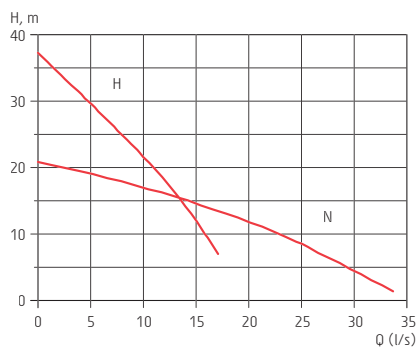
MINETTE

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
Shaft speed	2800 RPM	2800 RPM
Rated current at 230 V	8,4 A	8,1 A
Rated current at 400 V	-	4,7 A



MINOR

Technical data	N	H
Discharge connection	4"	3"
Rated output	3,7 kW	3,7 kW
Max power consumption	4,5 kW	4,5 kW
Shaft speed	2870 RPM	2870 RPM
Rated current at 400 V	7,3 A	7,3 A
Rated current at 500 V	6,0 A	6,0 A

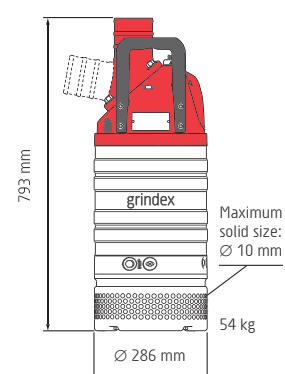
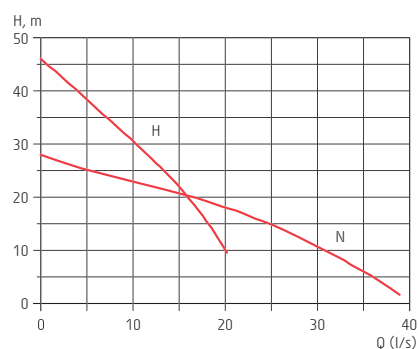




DRAINAGE PUMPS: MAJOR – MATADOR

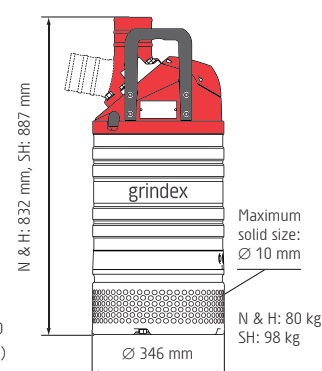
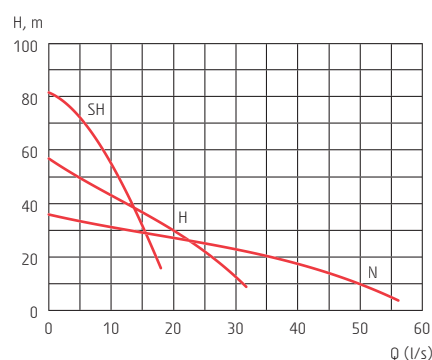
MAJOR

Technical data	N	H
Discharge connection	4"	3"
Rated output	5,6 kW	5,6 kW
Max power consumption	6,7 kW	6,7 kW
Shaft speed	2890 RPM	2890 RPM
Rated current at 400 V	11 A	11 A
Rated current at 500 V	8,7 A	8,7 A



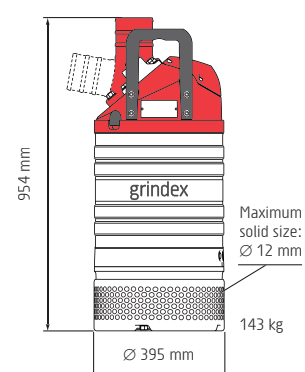
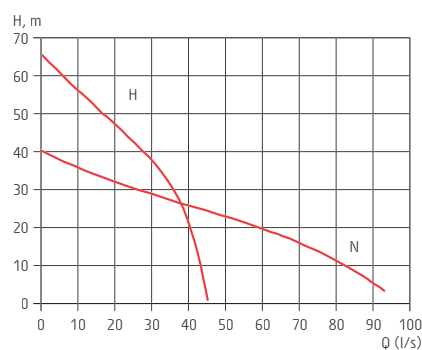
MASTER

Technical data	N	H	SH
Discharge connection	6"	4"	3"
Rated output	10 kW	10 kW	10 kW
Max power consumption	11,7 kW	11,7 kW	11,7kW
Shaft speed	2860 RPM	2860 RPM	2860 RPM
Rated current at 400 V	19 A	19 A	19A
Rated current at 500 V	15 A	15 A	15A



MATADOR

Technical data	N	H
Discharge connection	6"	4"
Rated output	18 kW	18 kW
Max power consumption	20 kW	20 kW
Shaft speed	2900 RPM	2900 RPM
Rated current at 400 V	32 A	32 A
Rated current at 500 V	26 A	26 A

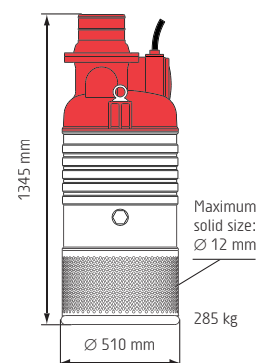
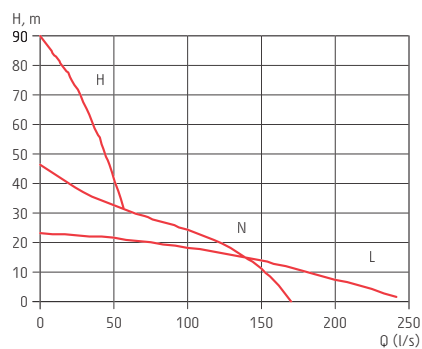




DRAINAGE PUMPS: MAXI - MEGA

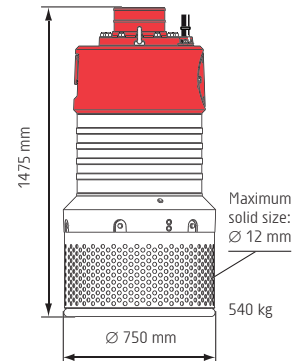
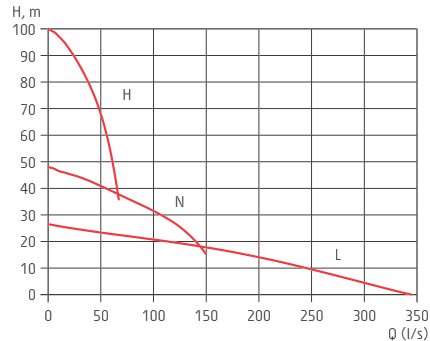
MAXI

Technical data	L	N	H
Discharge connection	8"	8"	4"
Rated output	30 kW	37 kW	37 kW
Max power consumption	33 kW	41 kW	41 kW
Shaft speed	1465 RPM	2950 RPM	2950 RPM
Rated current at 400 V	57 A	65 A	65 A
Rated current at 500 V	45 A	52 A	52 A



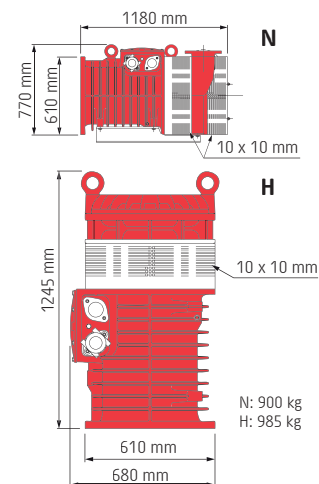
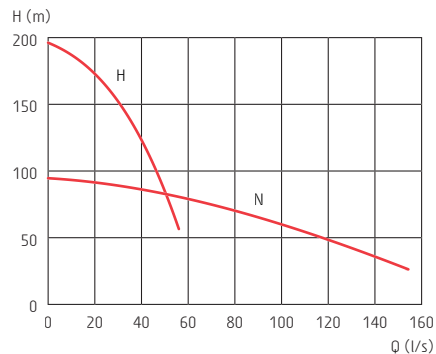
MAGNUM

Technical data	L	N	H
Discharge connection	10"	8"	6"
Rated output	57 kW	57 kW	57 kW
Max power consumption	62 kW	62 kW	64 kW
Shaft speed	1475 RPM	1475 RPM	2950 RPM
Rated current at 400 V	107 A	107 A	98 A
Rated current at 500 V	85 A	85 A	79 A



MEGA

Technical data	N	H
Discharge connection	6" (DN 150)	4" (DN 100)
Rated output	90 kW	90 kW
Max power consumption	95 kW	95 kW
Shaft speed	2965 RPM	2965 RPM
Rated current at 400 V	148 A	148 A
Rated current at 500 V	117 A	117 A

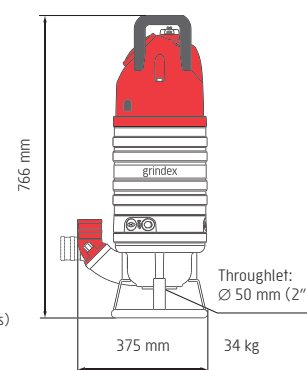
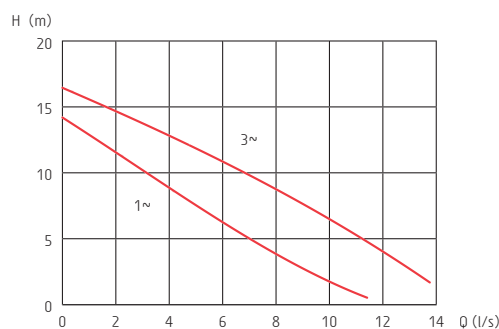




SLUDGE PUMPS: SALVADOR – SANDY

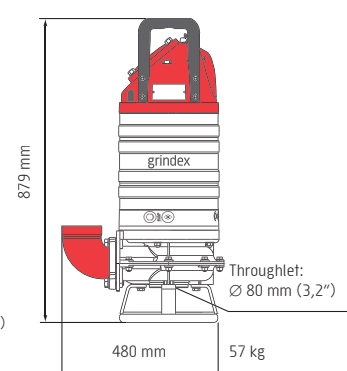
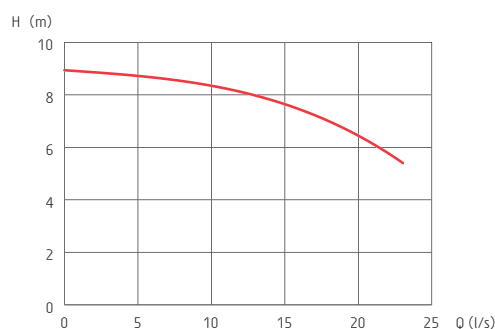
SALVADOR

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
Shaft speed	2800 RPM	2800 RPM
Rated current at 230 V	8,4 A	8,1 A
Rated current at 400 V	-	4,7 A



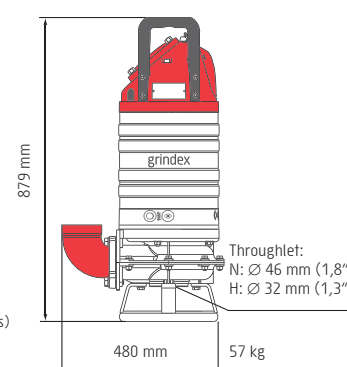
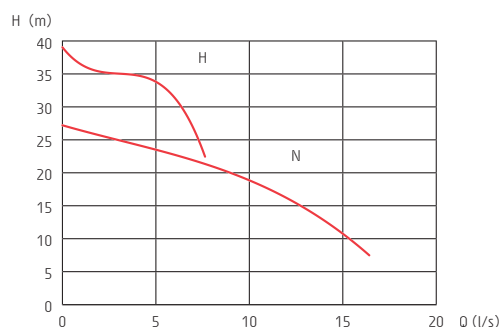
SENIOR

Technical data	
Discharge connection	4"
Rated output	3,2 kW
Max power consumption	4,2 kW
Shaft speed	1480 RPM
Rated current at 400 V	7,6 A
Rated current at 500 V	6,0 A



SANDY

Technical data	N	H
Discharge connection	3"	3"
Rated output	5,6 kW	5,6 kW
Max power consumption	6,7 kW	6,7 kW
Shaft speed	2890 RPM	2890 RPM
Rated current at 400 V	11 A	11 A
Rated current at 500 V	8,7 A	8,7 A





Technical Data

Material	Drainage pumps								Sludge pumps			
	Minex	Minette	Minor	Major	Master	Matador	Maxi	Magnum	Mega	Salvador	Senior	Sandy
Lower mechanical seal												
Cartridge type	•	•	•	•	•	•				•	•	•
Tungsten carbide - tungsten carbide	•	•	•	•	•	•	•	•	•	•	•	•
Upper mechanical seal												
Cartridge type	•	•	•	•	•	•				•	•	•
Tungsten carbide - ceramic	•	•	•	•	•					•	•	•
Tungsten carbide - tungsten carbide						•	•	•	•			
Outer casing												
Stainless steel	•	•	•	•	•	•	•	•		•	•	•
Cast iron									•			
Stator housing												
Aluminium	•	•	•	•	•		•	•		•	•	•
Cast iron						•			•			
Motor shaft												
Stainless steel	•	•	•	•	•	•	•	•	•	•	•	•
Impeller												
Hard Iron™	•	•	•	•	•	•	•	•	•	•	•	•
Suction cover												
Hard Iron™		3~	•	•	•	•						
Lower diffuser												
Nitrile rubber	•	1~					○	○	•			
Polyurethane							•	•				
Diffuser ring												
Nitrile rubber	•	•	•	•	•	•	○		•			
Polyurethane							•	•				
Pump housing												
Polyurethane										•	•	•
Screws and nuts												
Stainless steel	•	•	•	•	•	•	•	•	•	•	•	•
O-rings												
Nitrile rubber	•	•	•	•	•	•	•	•	•	•	•	•
Other castings												
Aluminium	•	•	•	•	•	•	•	•		•	•	•
Cast iron									•			
Accessories												
Zinc anodes	○	○	○	○	○	○	○	○	○	○	○	○
Float switch	1~	1~								1~		
Low suction collar	○	○	○	○								
Tandem connection			○	○	○	○	○	○				
Limitations												
pH of the liquid												
Max. submersion depth												
Max. liquid temperature												
Max. liquid density												

• Standard ○ On request
 Specifications can be changed without notice.



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



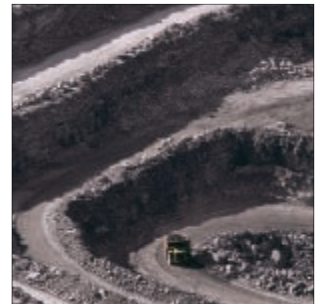
**Building and
construction**



**Mining and
tunneling**



Rental



**Quarries and other
demanding industries**



The Grindex team

For some 50 years, Grindex has specialised in designing and manufacturing electrical submersible pumps for professionals. Durable and dependable, they are used in the most demanding and specialised applications worldwide. We have delivered over 300 000 pumps in more than 100 countries.

We offer pumps for almost any application. Our range includes drainage pumps, sludge pumps, slurry pumps and stainless steel pumps.

When you are running a Grindex pump, you can rest assured that a dedicated team is watching your back. Our experts are always there to see to your every need. Through our global network of sales and service centres, we provide the best level of support possible – day and night, seven days a week.

It's all part of the service.

For more information, please visit **www.grindex.com**