



Submersible compact, lightweight and ultra portable pumps
for construction, tunneling, mining and clean-up jobs.



Drainage pump

Mini

Sludge pump

Solid

50 Hz

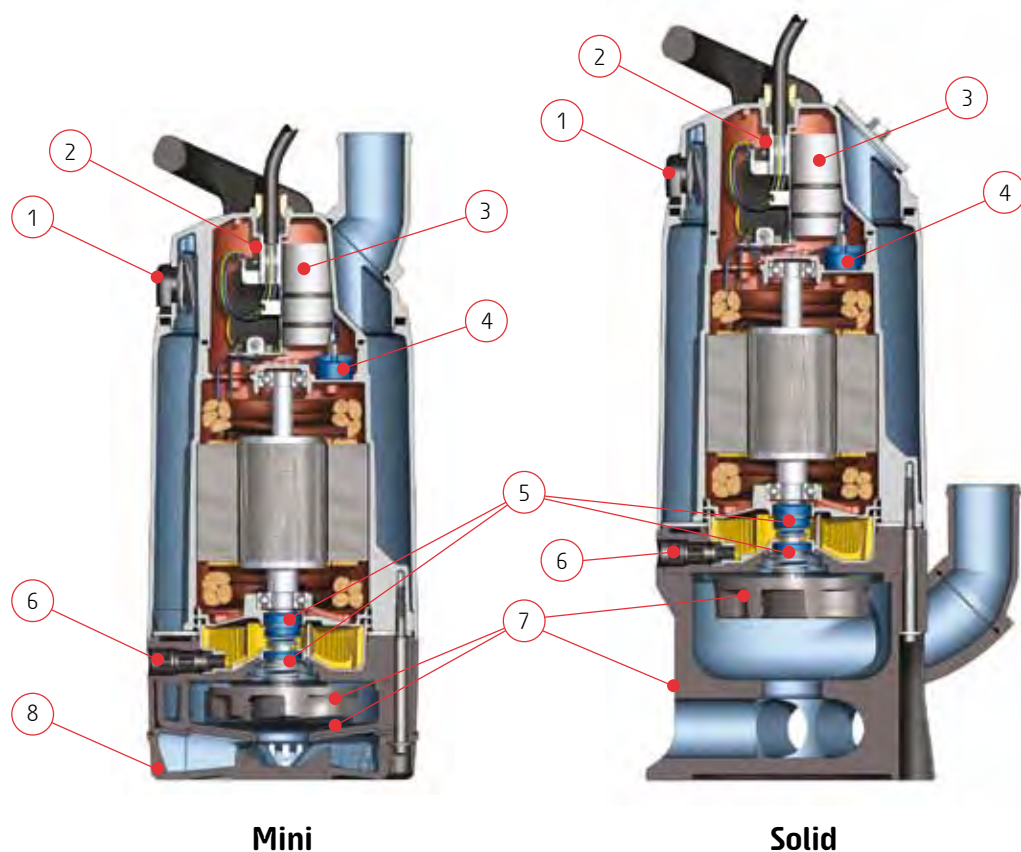


Mini and Solid

You need a tough, portable submersible pump to rely on your dewatering job; a pump that can handle the very worst of conditions, from removing water with solids from construction sites and tunnelling projects to dewatering mines.

The new Mini and Solid pumps are designed to be lightweight, yet durable for professional use. They come with an air valve that cools the motor during dry running. Both pump models feature a separate start capacitor that gives double the start torque (compared to a pump without start capacitor) and are available with built-in float switch. They are easy to install and service - and even easier to check the oil.

FEATURES



1. **Air valve** - To ensure dry running capability
2. **Water cut** - To prevent leakage through the cable
3. **Start and run capacitor** - For optimized starting torque
4. **Thermal contact** - To protect the motor from over heating
5. **Double mechanical shaft seals in oil bath** - To ensure long life span in tough applications
6. **External oil plug** - For easy maintenance, no need to disassemble the pump to check the oil
7. **Polyurethane impeller, diffuser and pump housing (sludge pump)** - For high wear resistance when pumping abrasive media
8. **Rubber strainer** - Shockproof for tough handling

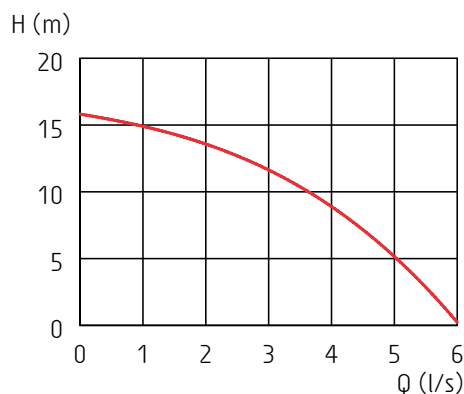


MINI

The Mini is designed to be as reliable as our bigger pumps, in the toughest of environments. It's built to handle contaminated water, pH 5-8, and water containing relatively abrasive solids up to the size of 5 mm.

MINI	50 Hz
Rated output	0.90 kW
Max power consumption	1.20 kW
Rated current at 230 V	5.2 A
Shaft speed	2800 RPM
Strainer holes / throughlet	5x11 mm
Weight	14.5 kg

Other voltages on request

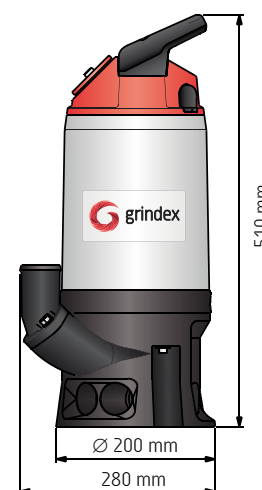
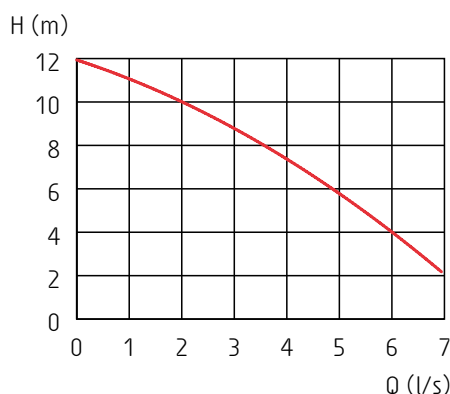


SOLID

When the pumped media contain more debris or gravel, it's time for the Solid. It's built to handle contaminated water, pH 5-8, and water containing sand and gravel with particle sizes up to 38 mm.

SOLID	50 Hz
Rated output	0.90 kW
Max power consumption	1.20 kW
Rated current at 230 V	5.2 A
Shaft speed	2800 RPM
Strainer holes / throughlet	38 mm
Weight	17 kg

Other voltages on request



TECHNICAL DATA

Pump type

One-phase

Classification

Electrical submersible pump
Protection class: IP68

Power cable

H07RN-F, 3X1 mm², 10 m

Discharge connections

2", hose, BSP or NPSM thread

Limitations

Max submersion depth: 10 m
Max liquid temperature: 40°C
Max liquid density: 1100 kg/m³
pH of the liquid: 5 - 8

Materials

Pump top: *Aluminium*
Diffusers (Mini): *Polyurethane wear parts*
Pump housing (Solid): *Polyurethane wear parts*
Outer casing: *Aluminium*
Stator housing: *Aluminium*
Motor shaft: *Stainless steel*
Shaft seals upper: *Carbon/aluminium oxide*
Shaft seals lower: *Silicon carbide/Silicon carbide*
Impeller: *Polyurethane*
Screws and nuts: *Stainless steel*

Accessories

Float switch
Low suction collar (Mini)
Pumpdraft



The Grindex team

For more than 50 years, Grindex has specialized in designing and manufacturing electrical submersible pumps for professionals. Durable and dependable, they are used in the most demanding and specialized 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're running a Grindex pump, you can be secure in the knowledge that you have a dedicated team behind you. Our experts are always on hand to help with anything you need. Through our global network of sales and service centers 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**