



NEW SLV AND SL1

A durable submersible for pumping stations

Are you in the market for submerged wastewater pumps for alternating or continuous operation? You would do well to give the new Grundfos SL ranges a serious look.

An advantageous combination of technologies makes the durable SL an efficient option for sewage pumping stations in municipal network systems. The same advantages apply to sewage, effluent and surface water pumping stations in connection with commercial buildings.

Sized for your system

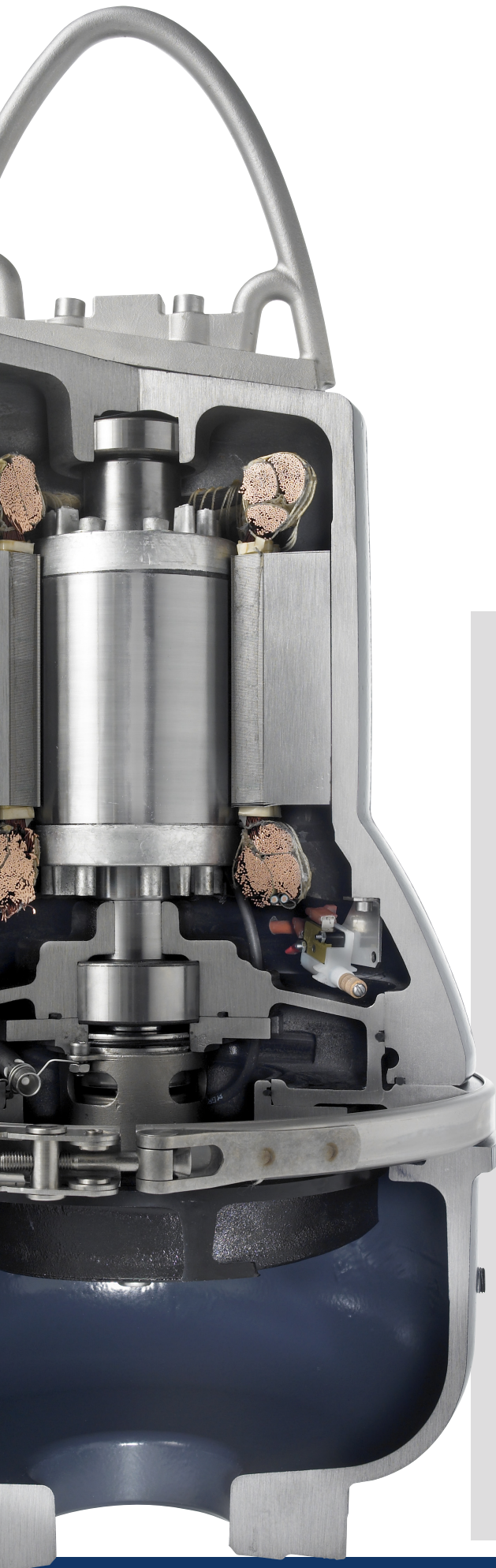
The SL is flexible in a way that few pumps in its class can match. When sized correctly, it offers you a solution that is optimised to the actual conditions in your system.

The key to correct sizing is your dialogue with Grundfos. Our insight and expertise extends beyond the pump itself. Given the media properties and inflow data, including expected daily and seasonal variations, we can begin the process of putting the pieces together. The right impeller, an EFF1-type motor with or without frequency converter, a prefabricated pumping station and a controller will create a pumping set-up to suit each situation.



motralec

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48
Demande de prix / e-mail : service-commercial@motralec.com
www.motralec.com



Built-in monitoring and control

Picking the right control and monitoring system is a factor that does more for peace of mind than any other single component. Maintenance needs become predictable with integrated analogue sensors, and you will be the first to know when something isn't the way it should be.

To indicate upcoming service needs, analogue sensors monitor trends in motor temperature, water-in-oil in the intermediate oil chamber and motor insulation resistance. An I/O 111 module equips the SL for any data communication task ahead.

Service and inspection needs have influenced the design so that the time spent on such jobs is kept short. The motor and pump can be separated in one easy move by opening the stainless steel clamp. The primary and secondary shaft seals are combined into a single cartridge unit that is easy to remove and replace. Seemingly minor details make a big difference that compounds over the pump's lifetime.

Another detail that stands out on the SL is the cable connection. The epoxy-filled, stainless-steel cable plug provides a totally sealed cable entry. This totally eliminates the risk of water entering the motor through the cable.

A checklist of what you get

- EFF1-type motors (1.1 – 11 kW) for better efficiency
- Built-in thermal sensors in the motor windings
- Double mechanical shaft seal system as a cartridge
- Clamp between pump and motor for easy access to impeller
- Integrated analogue sensors (optional) for monitoring changes in motor temperature, water-in-oil and insulation resistance
- I/O 111 module
- Easy-to-clean design
- Up to 100 mm free passages with either channel or vortex impellers
- Waterproof cable plug – inside and out

There are a number of components and selection parameters available to you. You can begin the process using Grundfos' online pump selector, WebCAPS on the front page of

motralec

4 rue Lavoisier . ZA Lavoisier . 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48
Demande de prix / e-mail : service-commercial@motralec.com
www.motralec.com