



## DanPumps Sanitary Pump

### Gentle Product Treatment and High Energy Efficiency

The DanPumps sanitary pumps offer exceptional levels of hygiene as the pumps are some of the most trouble-free and hygienic pumps on the market today. DanPumps centrifugal pumps are designed with a surface as top of the art and are specially designed for CIP (Cleaning in Place). The extremely low noise level and good NPSH is securing a good suction capacity and a gentle product treatment through the unique internal geometry. All sanitary pumps from DanPumps have been approved according to the EHEDG guidelines.

### Easy maintenance and Pipe Connections

The supporting legs are designed for easy service as they are moved under the motor during service. This in combination

with the easy removal of the front-loaded seals without any use of special tools means, that the DanPumps sanitary pumps are among the most service-friendly on the market today.

Another useful feature is the outlet, which can be freely mounted 360° making the installation of the DanPumps pump easy adaptable to any pipe system.

### The Most Flexible Modular System on the Market

The unique shaft and back plate design enables all motors to fit into all pumps through a modular system which makes it easy to change to a bigger or smaller motor if the pump duty needs to be changed.

### About DanPumps A/S

DanPumps A/S was founded in 2013 and was exclusively engaged in the sale of pumps for utilities and industry in Denmark. Following the merger between DanPumps Pumps A/S and DanPumps A/S in 2017, the aim has been to specialize in the development and manufacturing of High quality pumps. The complete pump program from DanPumps A/S is constantly evolving and the ability to supply the market with customized solutions make DanPumps A/S one of the most flexible and competitive suppliers.



### DanPumps wastewater program with long durability

The S-WP range is a combination of high efficiency, intelligent design and practical features. These features together provide a userfriendly pump with long durability.

The S-WP range includes complete series of high quality, userfriendly wastewater pumps. From the smallest S-WP0 to light industrial solutions for the S-WP5, which can handle difficult Wastewater tasks from cities and industries.

### Submersible and dry-installed sewage pumps

DanPumps S-WP product range is supplied for wet and dry conditions or as portable installation with a choice of vortex, b-tween or channel scooter.

As an option, all DanPump wastewater drain pumps can be delivered with IEC standard motors, type S-WP.

### High-efficiency engines with unique protection against heat and moisture

The engines are classified according to IE3.

All S-WP motors have Class F insulation, class H as an option, 3 thermal circuit breakers, and moisture sensors that warn against moisture penetration, before it causes damage to the engine.

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## Pumps For All Applications



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Unique Cartridge Seal



S-WP0



S-WP1



S-WP2



S-WP3



S-WP4



S-WP5



S-WN



S-WS



S-DP



S-IP/MP 1L



S-IP/MP



S-IP/MP 2L

## Extended DanPumps Pump Product Program

### The DanPumps Wastewater Program

The DanPumps S-WP-range is the combination between high efficiency, intelligent design and practical features. This gives you a user-friendly pump with a long life cycle. The WP range covers complete series of high quality and userfriendly wastewater pumps. From the smallest S-WP0 - suitable for light industrial effluents to the S-WP5 - capable of handling heavy duty wastewater jobs from cities and industries.

### Dry, Wet and Portable Wastewater Pumps

The DanPumps S-WP product programme is delivered for dry, wet or portable installations and with the choice of a vortex, a B-tween or a channel impeller. As an option all DanPumps dry pit wastewater pumps can be delivered with IEC standard motors S-WN type.

### High-efficiency Motors with Unique Heating and Moisture Protection

The motors are classified according to IE3. All DanPumps S-WP motors also have class H insulation, three thermal overload switches and a moisture sensor to alert the owner of moisture intrusion before damage is caused to the motor.

### Exceptional Cooling

The cooling jacket from DanPumps ensures optimal cooling of the motor in most operating conditions such as converter drive, dry installations and low level sump where overheating is otherwise likely to occur.

DanPumps dry and portable wastewater pumps are delivered with a cooling jacket as standard. For the DanPumps wet pit pumps the cooling jacket is an optional choice.

### Unique Cartridge Seals and Easy maintenance

Our unique double-mechanical seals are installed in a user-friendly cartridge. This makes it possible to change the seal without using any special tools and eliminates any risk of improper installation. Also the fast lock latch bolts makes it easy to separate the pump from the motor. This in combination with the easy service of the oil tap drain reduces maintenance downtime considerably without any use of special tools.

### Customized Impellers

DanPumps Pumps have a wide variety of Channel 1, Channel 2, Vortex and B-tween impellers. They are delivered standard in ductile cast iron GJS-400-15 (GGG40) or in stainless steel (AISI 316) as an option. All the impellers are designed for non-clogging and all the impellers fit in the same volute and will be trimmed according to customer demands.

### Higher Efficiency with Adjustable Wear-ring

DanPumps Pumps uses an axially adjustable wear-ring to reduce the hydraulic loss between the impeller and the wear-ring. With this feature the wear-ring can be regularly adjusted to optimize the pump efficiency when the pump starts to be affected by wear.

### DanPumps Drainage Pump

The DanPumps S-DP is a high-efficient lightweight drainage pump built in aluminium. The pump is suitable for pumping water and dirty water mixed with soil and any risk of overheating is avoided since the pumped media continuously cools the pump. The DanPumps S-DP is the ideal choice for plug-in operations and is ready for use when delivered on site.

## DanPumps Inline Pumps

### Designed for Industrial and Marine Applications

The DanPumps Pump programme for industrial and marine applications covers inline pumps in sizes from DN40-DN250. The pumps are delivered with housing in either cast iron for industrial applications or bronze for harsh medias and for the marine industry.

### Designed for Any Application

All DanPumps pumps are designed according to the specifications and rules within the industry securing high quality and with long lifetime.

### A Comprehensive Pump Portfolio

The DanPumps inline product programme includes pumps with one and two bearings ensuring some of the most reliable and steady pumps in their class. As an additional option DanPumps inline pumps can be delivered with a frequency converter and a space heater.

### Easy Maintenance and Safe Operation

The DanPumps pumps are easy to install without any use of special tools and are designed as a plug in solution with the process plants. All DanPumps Inline pumps are based on a unique hydraulic design, delivering the maximum efficiency.