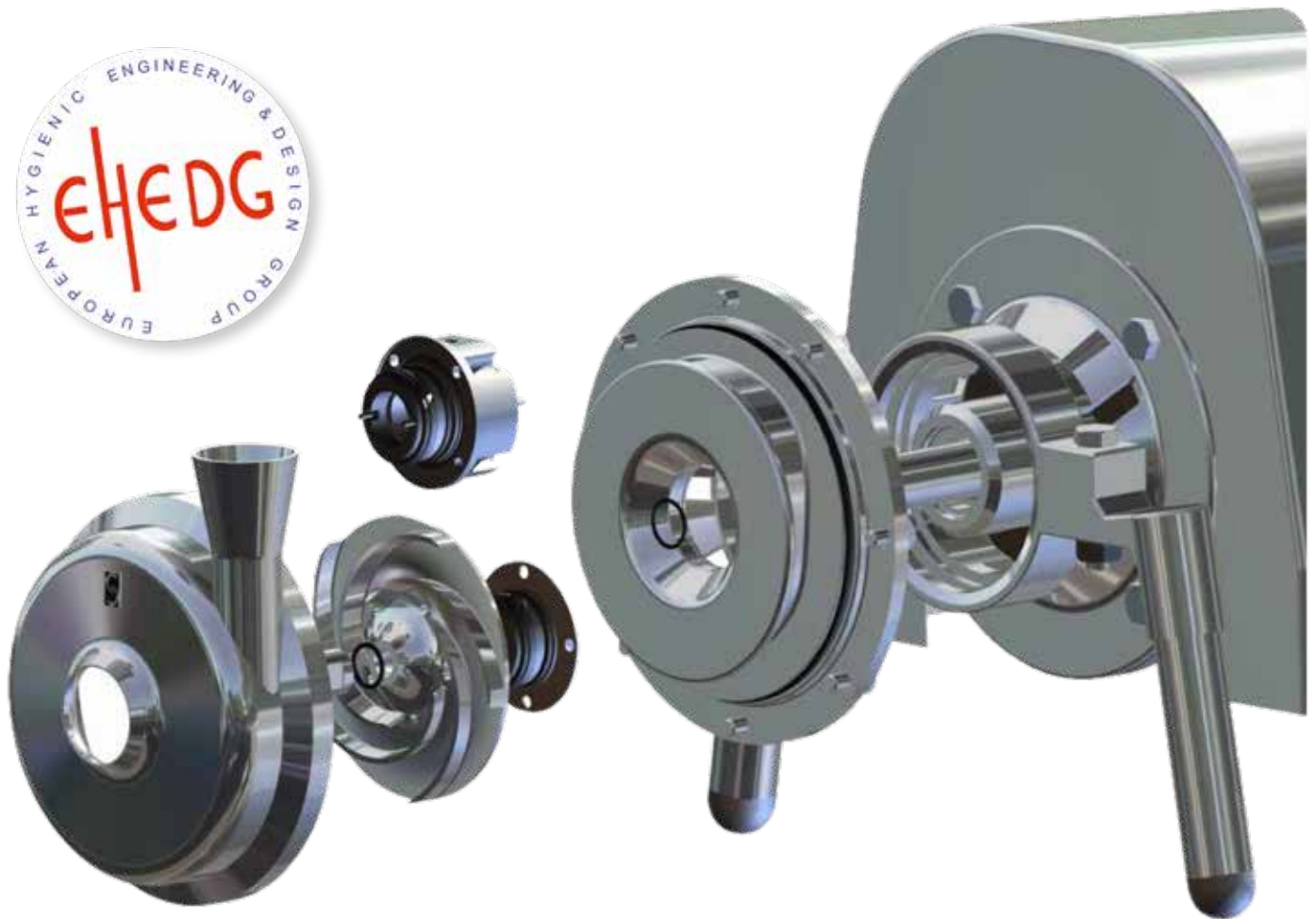




## DanPumps S-FP Pumps For Sanitary Applications





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Our centrifugal pumps are designed by the best technical engineers of the market with many years of experience. This ensures that the DanPumps S-FP range of pumps is the top of the art, and a surface roughness less than 0,2 RA. With optimized internal geometry and special o-rings, our centrifugal pumps are designed for Cleaning in Place (CIP) and offer exceptional levels of hygiene. All have been designed in accordance with EHEDG requirements.

### Easy service and High-Tech Seal Design

One of the aims when designing the new range of pumps was to obtain an easy service of the pumps and this has been fully achieved. Front-loaded shaft seals and without special tools a fast and simple

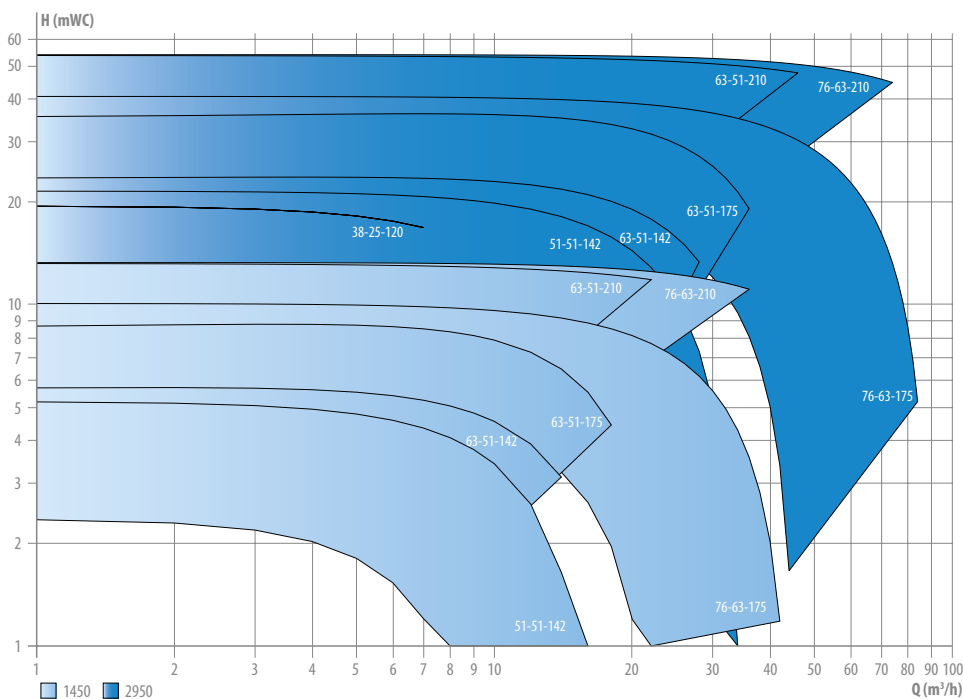
change of the seal is possible. Holes through the impeller serves to equalize the pressure on both sides of the impeller. This will minimize wear of the mechanical shaft seal and the bearings in the motor.

As a special feature the supporting leg of the pump is designed to grant a perfect support during operation and a stable set-up of the pump. Before service the supporting leg is moved under the motor making the service of the pump considerably easier than for other pumps.

The seal can be a single or a double mechanical seal, in a variety of material combinations. The double mechanical seal is designed as a flushed seal in case preventing the pump from running dry. To simplify the spare parts inventory our pumps share the same



Performance Curves - Complete DanPumps S-FP Range - 50 Hz with max. and min. impeller diameter



DanPumps S-FP Pumps can be used in the processing of many products:

- Apple juice
- Fruit juice
- Juice
- Beer
- Tomato ketchup
- Molasses solution
- Whey
- Egg Whole
- Egg Yolk
- Wort
- Yeast cream
- Yoghurt
- Milk
- Evaporated milk
- Condensed milk
- Buttermilk
- Butter oil
- Cream

mechanical shaft seal. This together with the easy service reduces the maintenance costs.

#### Impeller and Volute Design

Our impellers and volutes are designed with the newest design tools for an optimum performance and a high efficiency. The special design of the volute ensures a gentle product handling. The volute and the back plate are designed so, that the outlet connection can be turned into any position without effecting the efficiency of the pump.

#### Motor Size and Flexibility

The shaft and back plate design makes it easy to change to a bigger or smaller norm. motor, if the pump duty should be changed. This makes the DanPumps S-FP pump the most flexible pump on the market.

#### Noise Level and NPSH

The DanPumps S-FP pump is designed with a low noise level and a good NSPH securing a good suction capacity and gentle product treatment. The risk of cavitations is minimized due to the good NSPH value. DanPumps S-FP pumps secures a gentle product treatment and high energy efficiency. The aim of the DanPumps S-FP pump range was to present the most trouble-free and hygienic pumps on the market ever.

### About DanPumps A/S

DanPumps A/S was founded in 2013 and exclusively engaged in the sale of pumps for utilities and industry in Denmark.

Following the merger between Sondex 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 supplier.



### Submersible and dry-installed sewage pumps

We offer you a solution for all installations, wet without the unique cooling jacket or dry with the cooling jacket, also a portable solution including the cooling jacket.

As an option, all DanPump wastewater pumps for dry installation can be delivered with IEC standard motors, type S-WN.

### 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 is optional), 3 thermal circuit breakers, and moisture sensors that warn against moisture lubrication or before it causes damage to the motor.

### DanPumps wastewater program with long durability

The S-WP range is a combination of high efficiency, intelligent design and practical features providing a user-friendly pump with long durability. The S-WP range of wastewater pumps, covers almost every demand for pumps within the wastewater market. This we can do by choosing the right pump with the right impeller, that is optimal for the task – with other words we customize the right solution.

When choosing a wastewater pump from DanPumps, you are sure to get the right and well proven solution for the task.



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