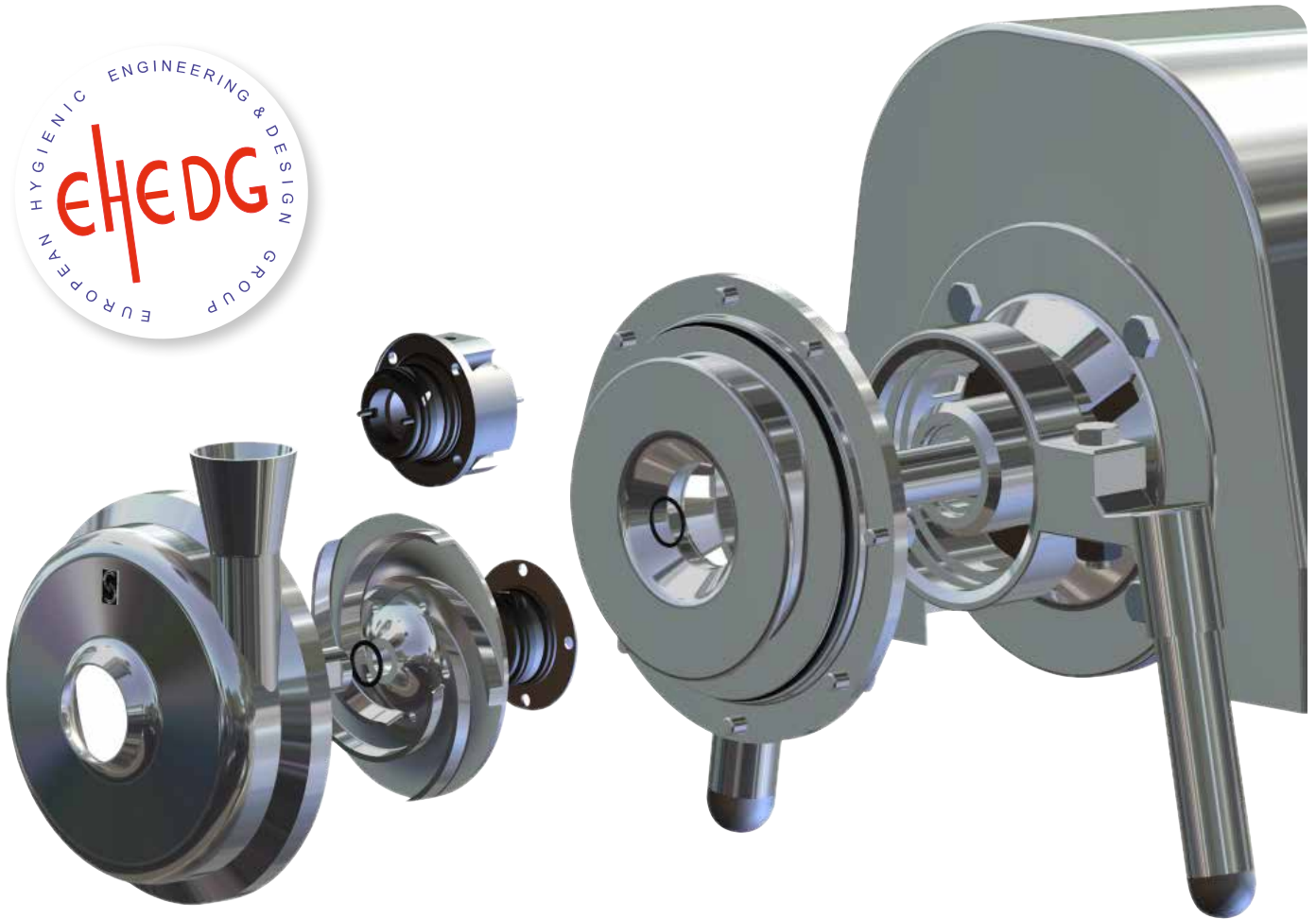


# DanPumps S-FP Pumps

For Sanitary Applications





## DanPumps S-FP Pumps for Sanitary Applications

Our centrifugal pumps are designed by the best technical engineers in 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 of less than 0,8 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

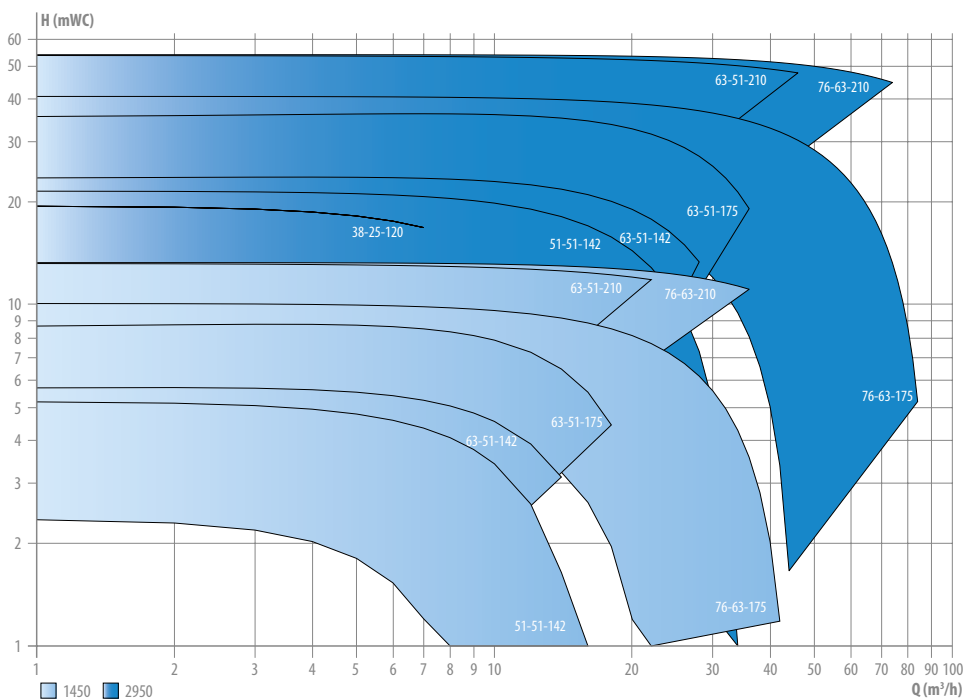
change of the seal is possible. Holes through the impeller serves to equalize the pressure on both sides of the impeller. This will minimize wear of the mechanical shaft seal and the bearings in the motor.

As a special feature, the supporting leg of the pump is designed to grant 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



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

as a flushed seal in case preventing the pump from running dry. To simplify the spare parts inventory our pumps share the same 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 optimum performance and high efficiency. The special design of the volute ensures gentle product handling. The volute and the backplate are designed so, that the outlet connection can be returned into any position without affecting the efficiency of the pump.

### Motor Size and Flexibility

The shaft and backplate design make 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 secure 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 SonFlow A/S

DanPumps A/S changed its company name to SonFlow A/S in 2019 and started manufacturing plate heat exchangers - it signalizes new investments and new missions as we want to focus on process technology, energy and the environment. SonFlow A/S works hard to ensure the philosophy of innovation and advancement by delivering best in quality products and good service.

We strive our best to safeguard the environmental processes and adapt modern friendly approaches in product design and production processes. DanPumps centrifugal pumps are still being marketed under the brand name DanPumps.



## Plate heat exchangers as a complementary product

SonFlow A/S offers plate heat exchangers as a complementary product to DanPumps centrifugal pumps, which opens new markets. The engineering team of SonFlow is developing new designs and customized process equipment's based on many years of experience.

We are ISO 9001 certified and provide plate heat exchangers and pumps to all industries - we are continually expanding and diversify the business responding with innovative high-quality products and services.

## Manufacture of plate heat exchangers and pumps

SonFlow A/S is specialized in manufacturing centrifugal pumps within all industries and plate heat exchangers to use in thermal processes.

SonFlow offers a broad range of products for different applications - you can rely on SonFlow specialists to take a professional approach to your specific challenge and solve difficult pumping and plate heat exchanger applications.



Aage Søndergaard Nielsen  
Founder & CEO