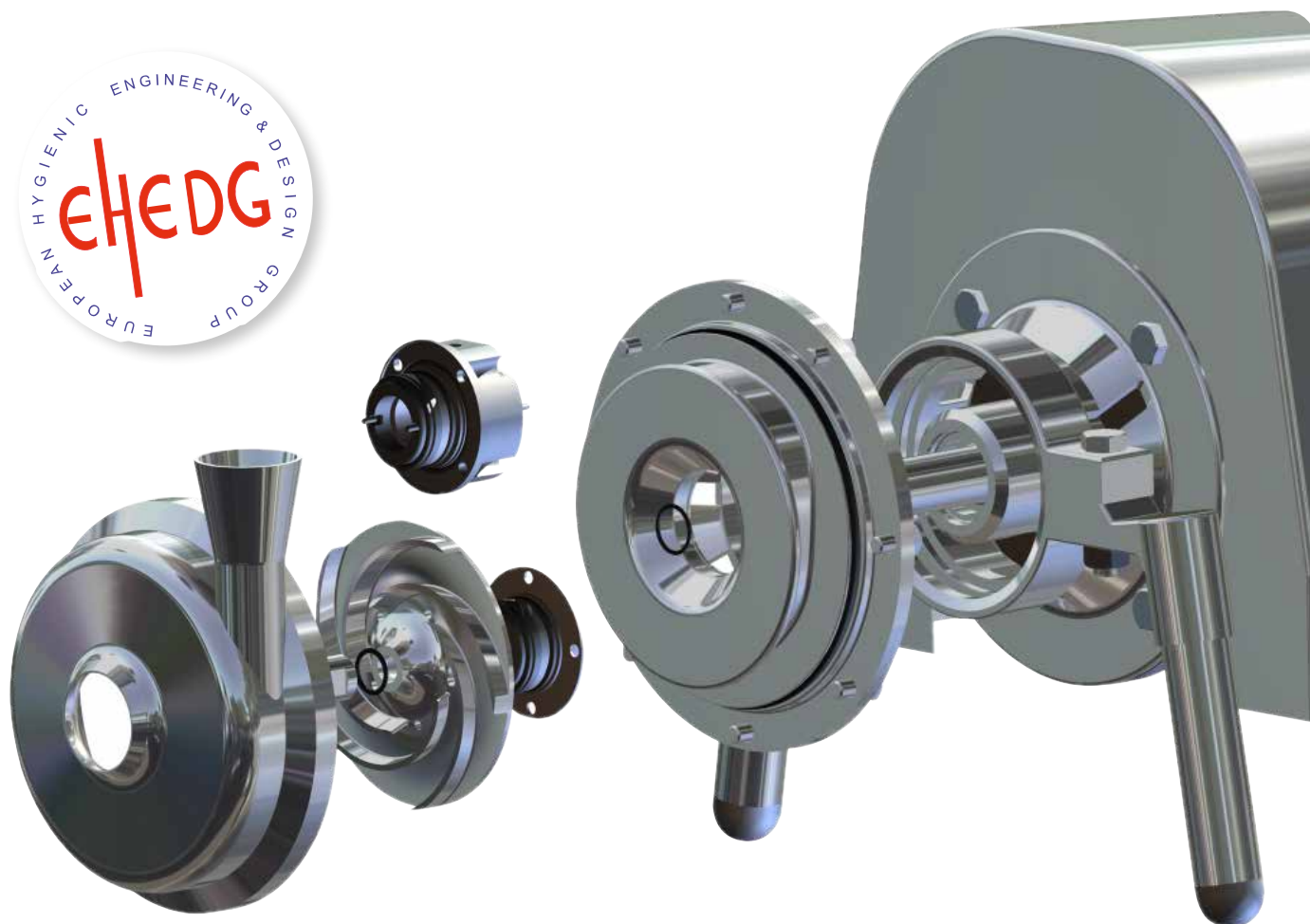


# DanPumps S-FP Pumps

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

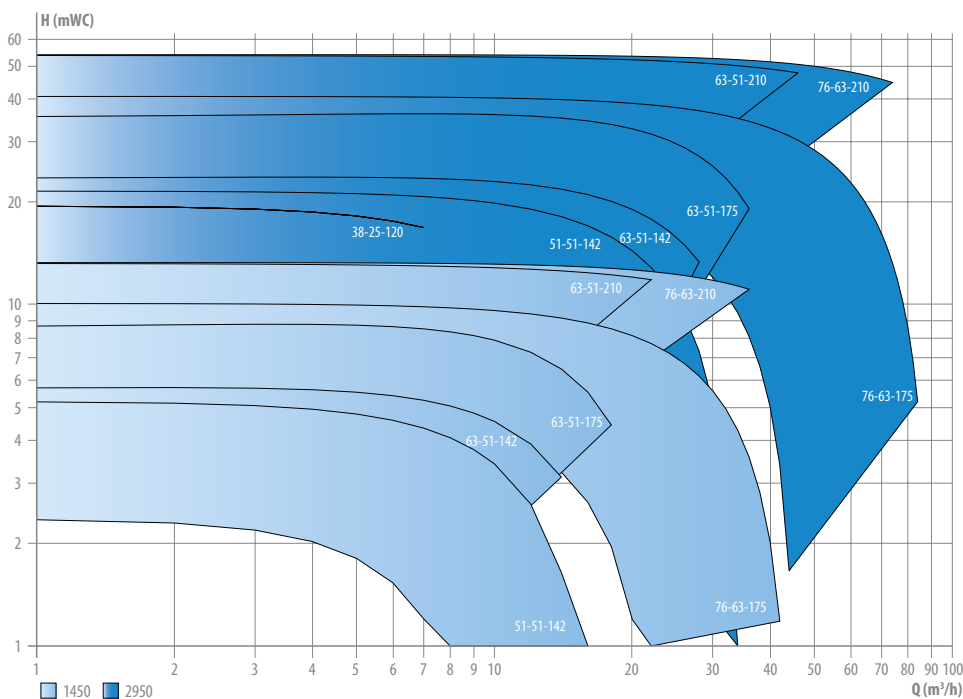
change of the seal is possible. Holes through the impeller serves to equalize the pressure on both sides of the impeller. This will minimize wear of the mechanical shaft seal and the bearings in the motor.

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 DanPumps A/S

DanPumps has been dedicated to providing pumping solutions to utility companies and industries since 2013. In November 2023, DanPumps once again became an independent company, concluding a successful period under SonFlow's guidance. Today, our unwavering commitment is directed towards the development and manufacturing of quality pumps.

### Wide Range of Pumps

The range of pumps at DanPumps A/S is continually evolving, and our ability to deliver customized solutions makes us one of the most flexible and competitive suppliers in the market.

Our pump range is the result of high efficiency, intelligent design, and practical features. These qualities are combined to create user-friendly pumps with a long lifespan. We provide pumps for a wide range of applications, including wastewater, marine, industrial, and sanitary purposes.

