## **End Suction Pumps for Industrial and Marine Applications**

#### **Industrial and Marine Pumps**

DanPumps has expanded its range with a number of new pumps ideal for industrial and marine applications. The energy-efficient pumps are designed for clean or slightly contaminated low viscosity liquids without solid and fibrous particles.

The industrial and marine pumps are available in 5 different variants with connections from DN32 to DN600 mm.



**End Suction Multistage Pumps**DanPumps S-EMP (DN 40 - DN 150 mm)



DanPumps S-ECP (DN 32 - DN 150 mm)



#### 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.







# **Pumps**

## For All Applications



04.2024



















## **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 accord-ing 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 and sludge pumps

#### Drainage Pump S-DP

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 opera-tions and is ready for use when delivered on site.

#### Sludge Pump S-WS

The sluge pump S-WS has robust industial strength and high performance, capable of handling highly abrasive fluids of all types.

The pump is suitable for pumping sludge in any position and is the ideal choice for plug-in operations. The pump is ready for use upon delivery to the 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 reli-able 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.