

FK

RELIABILITY IN
YOUR HAND



SUBMERSIBLE PUMPS

FOR BUILDING AND INDUSTRIAL WASTEWATER

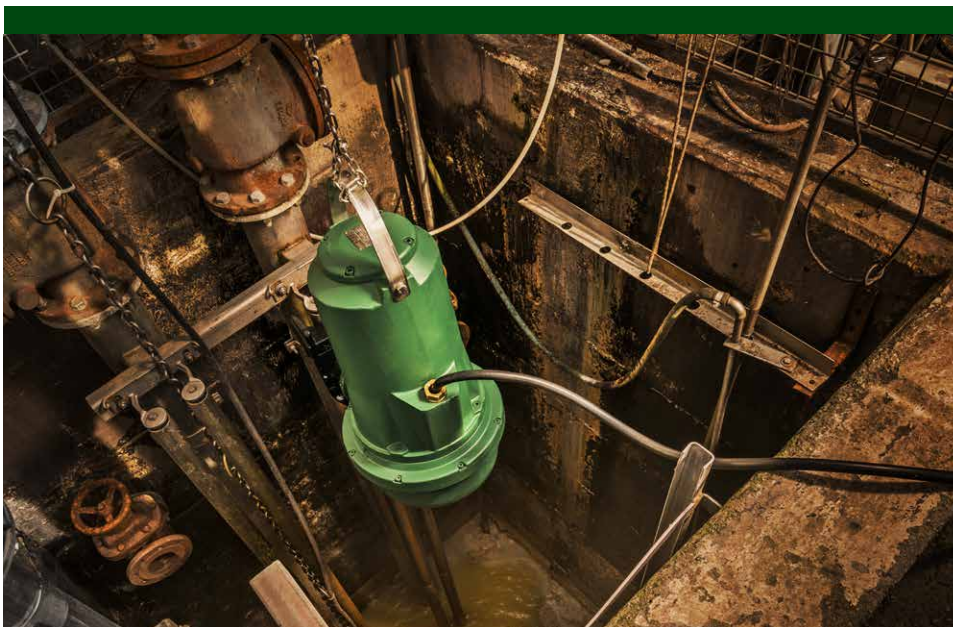
1.1-11 kW 50/60HZ | 2-4 POLES | DN65-DN150



DABPUMPS.COM

DAB[®]
WATER • TECHNOLOGY

FK



FK is the new DAB professional submersible wastewater pumps. Thanks to their construction, FK can guarantee reliability, efficiency and ease of maintenance, which are important values for installers and maintainers.

Suitable for the transfer of wastewater in public buildings, industries, subways and parking lots, the FK range has been designed for pumping wastewater with varying solids contents: from the drainage and surface water, up to residential wastewater; from wastewater with high fiber content up to industrial wastewater.

WHY RELIABLE

- NEW NO-CLOGGING VORTEX IMPELLER
- SINGLE-UNIT CARTRIDGE SEAL
- MOISTURE SENSOR
- BI-COMPONENT COATING
- EN 12050-1 AND ATEX COMPLIANT
- NEW AUTO COUPLING DA-V



WHY EASY TO MAINTAIN

- ONE CABLE TO THE PUMP
- SINGLE-UNIT CARTRIDGE SEAL

WHY EFFICIENT

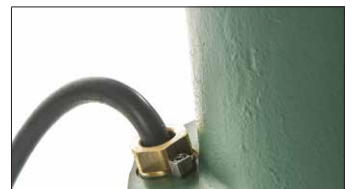
- NEW IE3 MOTORS
- NEW SINGLE CHANNEL HYDARULICS

ENERGY EFFICIENCY **IE3**



NEW IE3 MOTORS

The new **IE3 premium efficiency motors** drastically reduce energy operation costs. Given the low running temperatures, it is guaranteed their operation up to 40°C, for higher temperatures please contact the sales department. Thermal protection is standard and they have an insulation class equas to F.



ONE CABLE TO THE PUMP

A single standard cable that encloses power and signal inputs together, reduces drastically the possibility of problems due to cuts or leaks.



MOISTURE SENSOR

Supplied as standard option, it allows the control of the pump in order to prevent any engine failure due to possible water infiltration in the oil chamber seals.

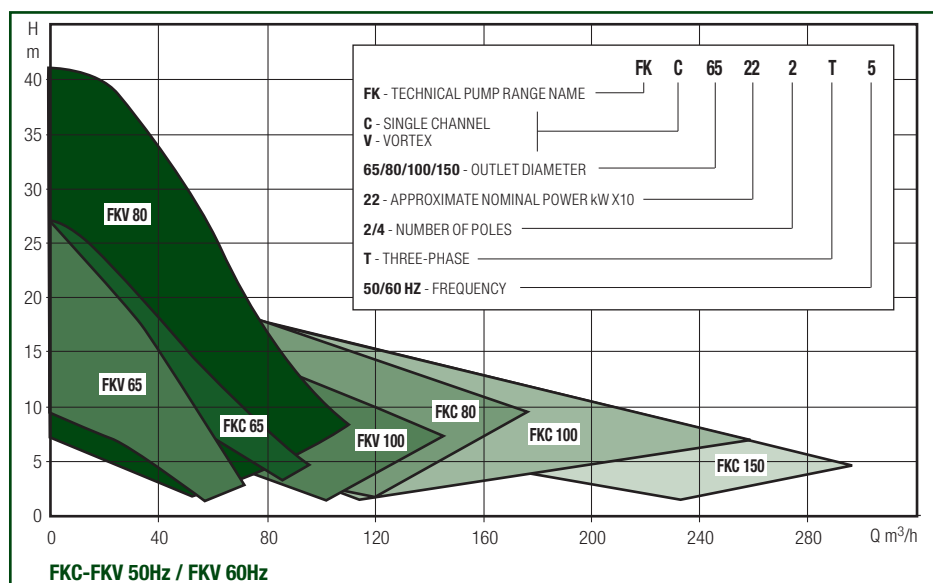
EN 12050-1



NEW SINGLE CHANNEL HYDARULICS

The new high efficiency single-channel hydraulic has been designed especially for continuous wastewater operations with high flow demand and low fiber content. **Compliant with EN 12050-1**

RANGE PERFORMANCE



RELIABLE AND EFFICIENT



NEW AUTO COUPLING DA-V

The seal mounted on the new auto coupling, ensures a tight contact, which optimizes pumping efficiency while minimizing operating costs.



BI-COMPONENT COATING

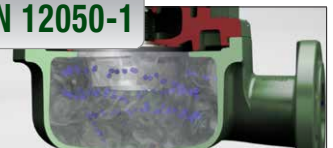
Unlike conventional water-based paints, the bi-component coating is more suitable in aggressive environments such as wastewater. Prevents oxidation and the consequent wear of the pump.



SINGLE-UNIT CARTRIDGE SEAL

A single-unit cartridge seal is a great advantage for maintenance of the pump as allows the removal and insertion of the seals in less time, having a total guarantee to carry out properly. It's an **exclusive patent DAB**: a double mechanical seal Sic-Sic with opposite faces, independent from the rotation direction of shaft, with Viton elastomers and leap seal.

EN 12050-1



NEW NO-CLOGGING VORTEX IMPELLER

The guarantee of operation comes before efficiency. A new design of the Vortex impellers and the total solid handling are respectively the two guarantees to have no-clogging issues.

Compliant with EN 12050-1

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