

iFD-Stator[®] 2.0

The further development of the proven iFD-Stator[®]



iFD-Stator® 2.0 – The next generation

Characteristics and Components

As market leader and the world's biggest manufacturer of progressing cavity pumps we have proven our know-how and innovation potential yet again. We set ourselves the target to redefine the technological limits for progressing cavity pumps. Customer benefits and quality of our new products are always the highest priority.

The iFD-Stator® concept, developed in 2007, is a revolutionary breakthrough from the conventional stator design. It offers significant advantages regarding

capacity, cost-savings and environmental friendliness.

The iFD-Stator® has been accredited by the German Environmental Foundation (Deutsche Bundesstiftung Umwelt). With the introduction of the new iFD-Stator® 2.0 the stator can be used in an even wider range of applications.

Technical Profile

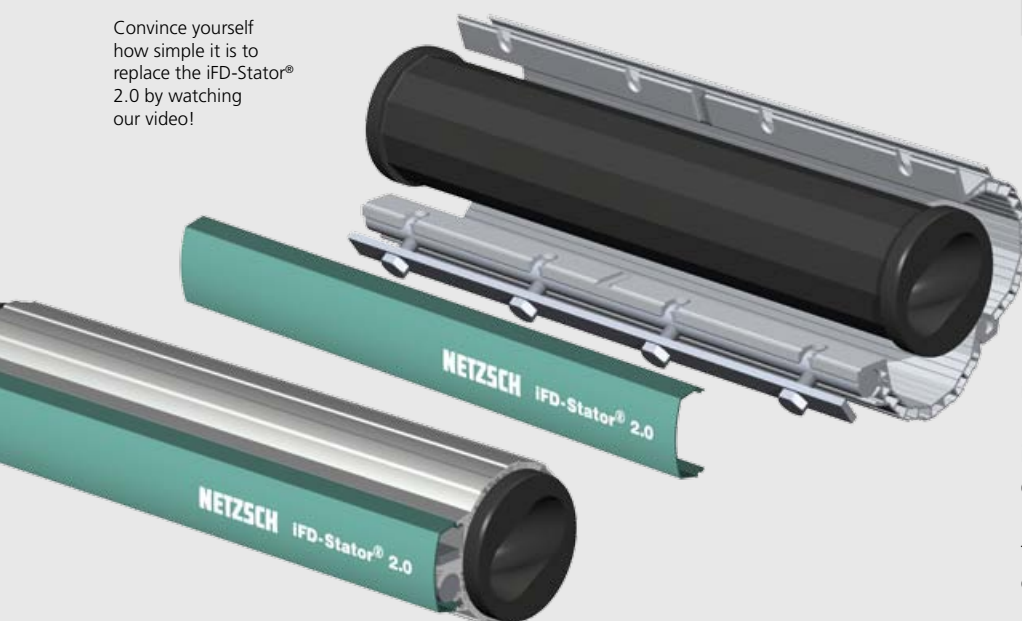
- Capacity range 0.5 to 50 m³/h
- Temperature range 0 to 90°C
- 2S and 1L geometry

Advantages

- Compatible with all NEMO® Pumps of the NM® series due to unvaried dimensions
- Faster stator change due to simple opening of the stator housing, ease of disassembly and assembly
- Long lifetime, low life cycle costs, low energy costs due to reduced starting torques
- Higher degree of efficiency
- ATEX-certified
- Reliable performance through robust construction, certified elastomer quality and from a modern production process
- Environmentally friendly in production and disposal



Convince yourself how simple it is to replace the iFD-Stator® 2.0 by watching our video!



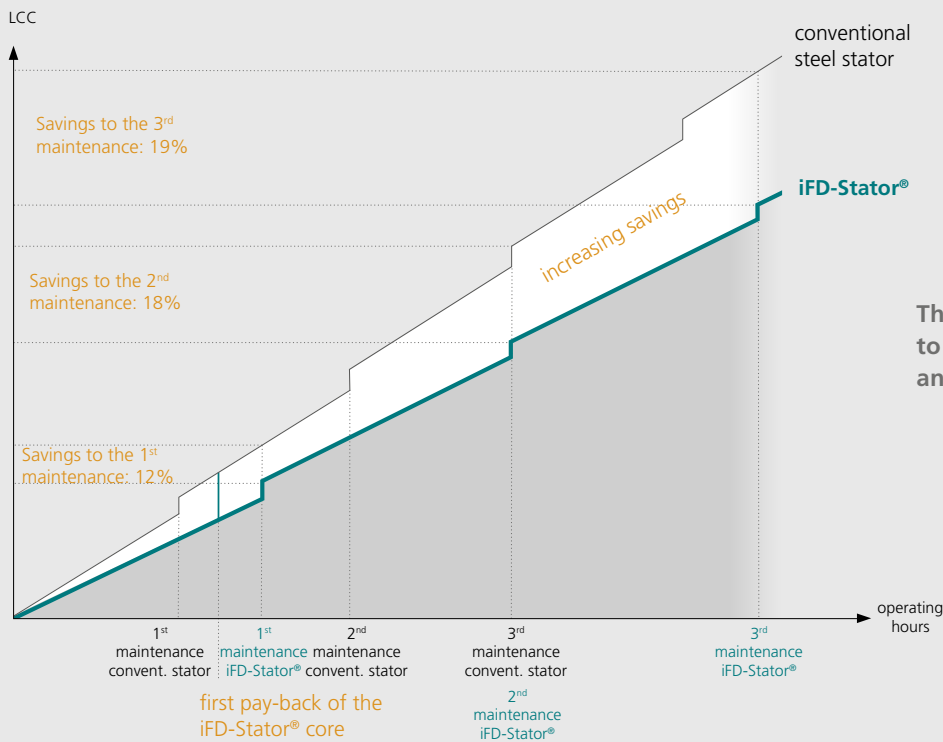
iFD stands for

integration of capacity and environmental protection

Flexibility of the sealing line through the interrelationship between the components

Dual system consisting of stator and stator housing

Pay-back within the 1st maintenance cycle



The fast pay-back is due to the savings of energy and maintenance costs.

Economy

The interrelationship between the stator in the stator housing prolongs lifetime and reduces life cycle costs.

Life Cycle Costs

The reduced starting and running torques allow the selection of smaller drives which leads to the reduction in investment costs and energy consumption.

Easy to Assembly and Disassembly

The two-part housing makes assembly and disassembly of the stator very easy

and therefore the maintenance time required is reduced.

Stator Assembly

The stator can be easily slid onto the rotor. When the stator housing is fastened, the perfect compression is generated between the rotor and stator.

Reuseability

The stator housing is reusable and only the stator elastomer needs to be replaced.

Patent

The unique and inovative design of iFD-Stator® is registered for national and international patents.

Environmental Protection

Accredited by the German Environmental Foundation (Deutsche Bundesstiftung Umwelt) for its innovative characteristics and the diverse aspects of environmental friendliness.

The NETZSCH Group is a mid-sized, family-owned German company engaging in the manufacture of machinery and instrumentation with worldwide production, sales, and service branches.

The three Business Units – Analyzing & Testing, Grinding & Dispersing and Pumps & Systems – provide tailored solutions for highest-level needs. Over 2,700 employees at 140 sales and production centers in 27 countries across the globe guarantee that expert service is never far from our customers.

The NETZSCH Business Unit Pumps & Systems offers with NEMO® progressing cavity pumps, TORNADO® rotary lobe pumps, screw pumps, macerators/grinders, dosing systems and equipment custom built and challenging solutions for different applications on a global basis.

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