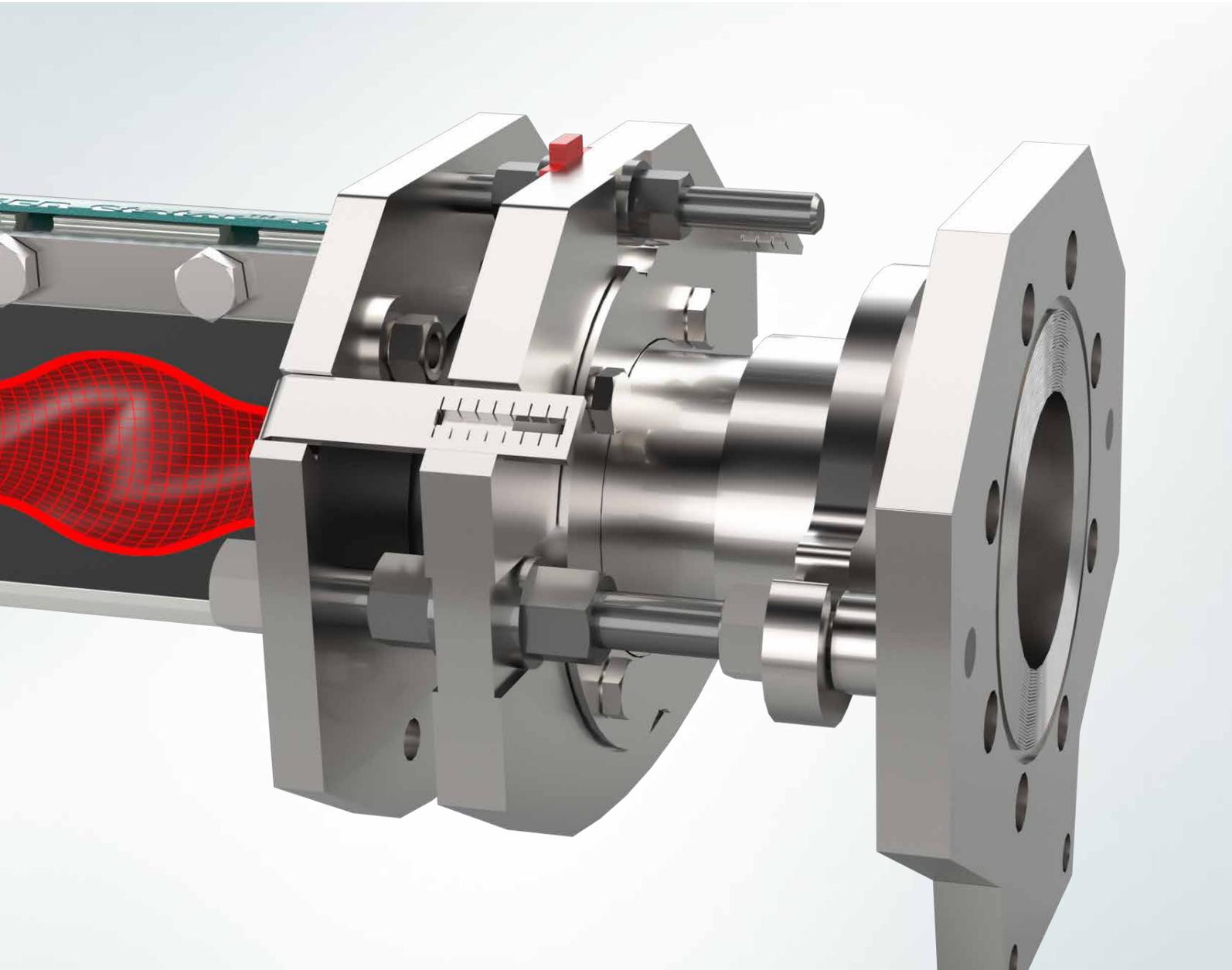


NETZSCH

Proven Excellence.



xLC[®] stator adjustment unit

To restore tension and pump performance

Pumps & Systems

xLC[®] stator adjustment unit

Restores tension and pump performance

What is the xLC[®] stator adjustment unit?

The xLC[®] stator adjustment unit allows to re-adjust the iFD Stator[®] 2.0 several times to prolong the operating life of both rotor and stator significantly, before a change – caused by wear – is needed. The functioning of the xLC[®] system is based on the iFD Stator[®] 2.0. It grips the flange of the elastomer part to pull or push it inside the housing. In case of wear axial pressure on the elastomer part leads to increased tension and restores the sealing line.

Advantages:

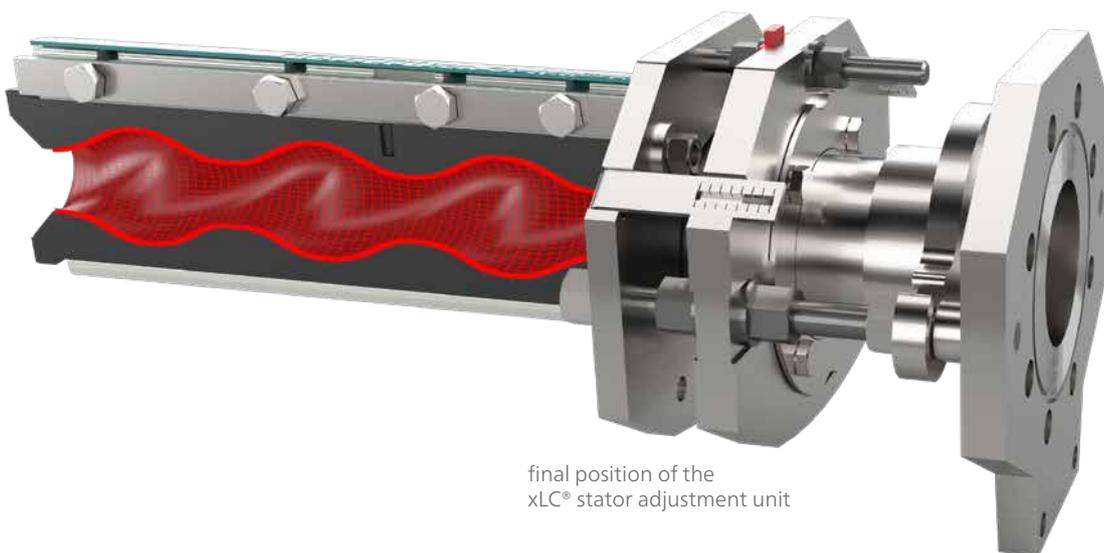
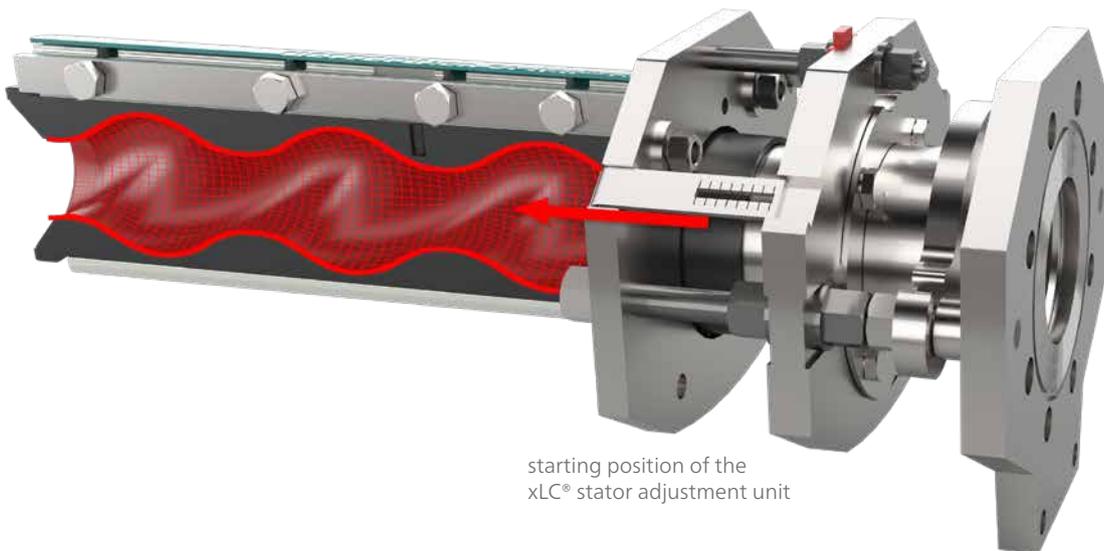
Depending on the application the life time of the rotor-stator-system may be tripled.



- 1 NEMO[®] pump
- 2 iFD-stator[®] 2.0
- 3 xLC[®] stator adjustment unit

How does the xLC® stator adjustment unit work?

If, in case of a loss of performance of the pump, a re-adjustment of the stator is needed, the flange can be tightened with only two setting screws to compress the elastomer inside its metal housing again. A scale with 7 segments from 0 to max makes a step-by-step adjustment of the stator easy and simultaneously shows the remaining life left in the stator until it has to be changed.



With an adjustment length of 3 cm, the xLC® unit compensates wear of the rotor-stator unit by 3 mm by evenly compressing the elastomer over its entire length.



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 3,500 employees at 210 sales and production centers in 35 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, NOTOS® multi screw pumps, macerators/grinders, dosing technology and equipment custom built and challenging solutions for different applications on a global basis.

Proven Excellence.■

NETZSCH Pumpen & Systeme GmbH
Geretsrieder Straße 1
84478 Waldkraiburg
Germany
Tel.: +49 8638 63-0
Fax: +49 8638 67981
info.nps@netzsch.com

NETZSCH®

www.netzsch.com