

# BiFlow pump



## Revolutionary BiFlow pump

### ONE pump for leveling your ship

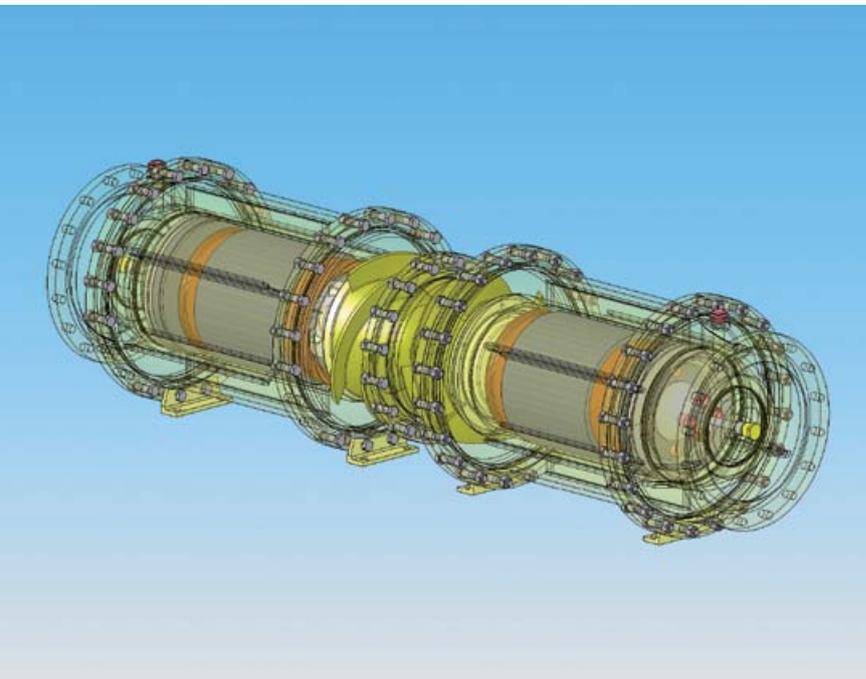
Nijhuis Pompen BV aims at tailor-made solutions for customer needs, which - among others - resulted in the development of the BiFlow pump for the maritime industry.

The BiFlow pump of Pentair Nijhuis is a bi-directional, in-line ballast pump. This pump is specially designed for the transport of large amounts of ballast water, where space requirements and piping must be reduced to a minimum to ensure a high system efficiency.

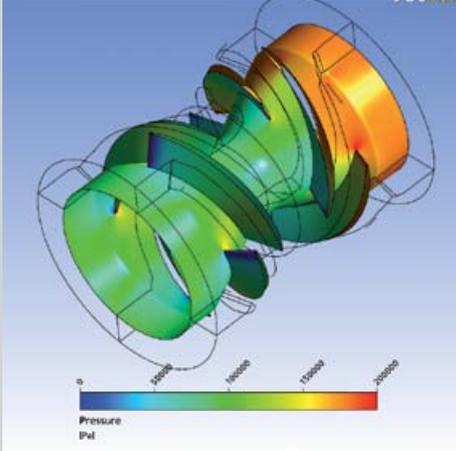
The configuration is completely symmetrical, consisting of two counter-rotating face-to-face impellers with variable speed. The driver is submerged and completely integrated with the pump. This configuration ensures a high efficiency and controlled flow in both directions to opposing ballast tanks.

Nijhuis Pompen BV supplies tailor-made centrifugal pumps and pumping systems for a wide range of applications, designed and manufactured according to industrial and customer requirements. The company is active in, among others, marine and dredging industry, water treatment, sewage and desalination plants. Besides that, Pentair Nijhuis delivers and maintains on- and offshore fire fighting systems.

Pentair Nijhuis has its own in-house pattern shop, foundry, machine shop and testing facilities. Facilities that enables Pentair Nijhuis to respond quickly and flexibly to breakdowns and to supply new parts to customers.



# BiFlow pump



## Features:

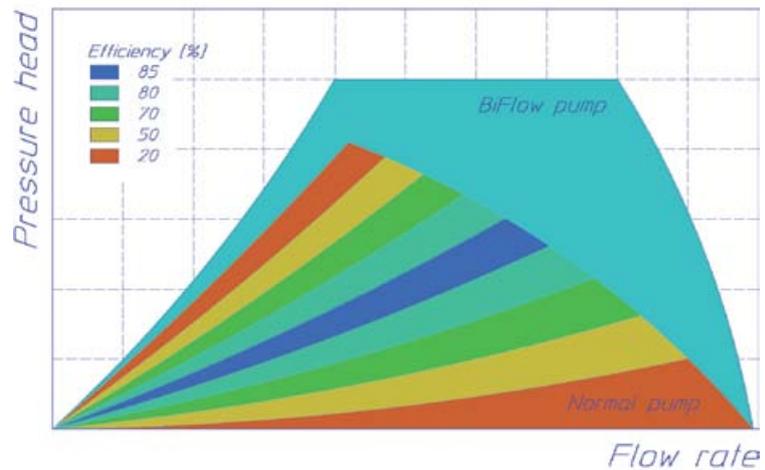
- bi-directional operation
- in-line assembly
- large performance envelope
- high overall efficiency

## Benefits:

- symmetrical forward and reverse performance
- minimum of space and piping
- fast control response
- low noise and vibration levels

## Maritime applications:

- static or dynamic ballast control
- ship locks and docks
- bow thrusters



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Please visit our website to obtain information about your local support!

Nijhuis Pompen BV reserves the right to make changes in the technical specifications at any time.

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