



## Double power, half pulsation

**KNF Flodos presents the new NFB 100, an OEM diaphragm pump featuring low pulsation and gentle transfer of liquids up to 2.6 l/min, as well as potential cost savings.**

The NFB 100 has two pump heads driven by one motor, which creates real advantages. In parallel connected mode, the alternating operations of the pump heads result in a smooth and level flow. This reduces the need to install additional components to overcome pulsation. Operating in the individual mode, two different liquids can be transported at the same time, which can make a second pump superfluous. As a result, both modes offer cost-saving potential.

The pump's compact design provides greater flexibility for customers when fitting it into their systems. Furthermore, the stroke volume of the pump is adjusted at KNF before the pump is shipped. Driven by an adjustable brushless DC motor, the pump's flow rate can be regulated by the customer and matched to its parameters. All this helps to reduce lengthy testing and improve time to market.

Using KNF Flodos' well-proven diaphragm technology, the medium is transported very gently, which makes handling sensitive fluids easier. Furthermore, there is no pollution by abrasives, unlike, for example, with gear pumps. The handling of chemically aggressive fluids is enabled by using different materials for valves and diaphragms, in line with customer requirements. The result is a maintenance-free pump with a long service life that perfectly fits the intended purpose.

The NFB 100 delivers volumes up to 2.6 l/min at a permissible pressure of one bar. To learn more about the NFB 100, please contact your local KNF Sales Centre or visit the product website at [www.knf.com/nfb100](http://www.knf.com/nfb100).

### NFB 100 features and benefits

- High flow rate while maintaining low pulsation
- Ability to transport two separate liquids simultaneously
- Compact design
- Adjustable flow rate
- Diaphragm technology for clean, gentle transportation of sensitive liquids
- Chemically resistant options available
- Long lifetime and maintenance-free
- Self priming and dry-run safe
- Offers cost-saving potential

### **KNF Flodos – the experts for diaphragm liquid pumps**

KNF Flodos, based in Switzerland, is the KNF Group's product center for liquid pumps. Since its foundation in 1987, KNF Flodos has been focussing on the development and production of diaphragm pumps for the transfer of liquids. These are sold worldwide through the KNF Group's 14 sales centers.

A highly innovative technology leader in its field, KNF Flodos employs some 150 people. The company is extremely successful in the medical field, laboratory analysis, the inkjet industry and in other high-tech markets.