

## SELF-CLEANING BACKWASH FILTERS - BFA

The self-cleaning filters in the BFA series are used primarily for the filtration of highly contaminated liquids. They are suitable for filtering fuels, lubricating oils, solvents, machine tool coolants, chemicals, process cleaning fluids, water treatment plants in the energy sector, the food sector and for cooling water and sea water filtration.

The filter is designed to work flawlessly for the filtration of products in batch format or continuously in the process. BFA filters can also be used in hazardous areas as they are equipped with electrical components designed in accordance with explosion protection classification, e.g. Ex d2 IIC T4.

### SPECIFICATIONS

- Filter body materials:
  - carbon steel
  - stainless steel 1.4541 (AISI 321)
  - stainless steel 1.4571 (AISI 316)
  - stainless steel 1.4539 (AISI 904L)
  - other steel alloys such as Hastelloy C22, Alloy 624, Inconel, CuNi 90/10
- AISI 316 filter elements
- Operation:  
Automatic backwash cleaning system  
**with no interruption in flow**
- Compliant with PED Directives 2014/68/EU and 2006/42/EC
- Construction standards: PED - ASME

### Technical data

- Filtration: from 50 - 3000 µm
- Max. operating pressure: std 6/10 bar
- Pressure on request: 16/25/40 bar
- Minimum operating pressure: 2 bar
- Max. operating temperature: -10°C / +90°C
- Max. flow rates: up to 10000 m<sup>3</sup>/h
- Connections: DN 50 - DN 900

