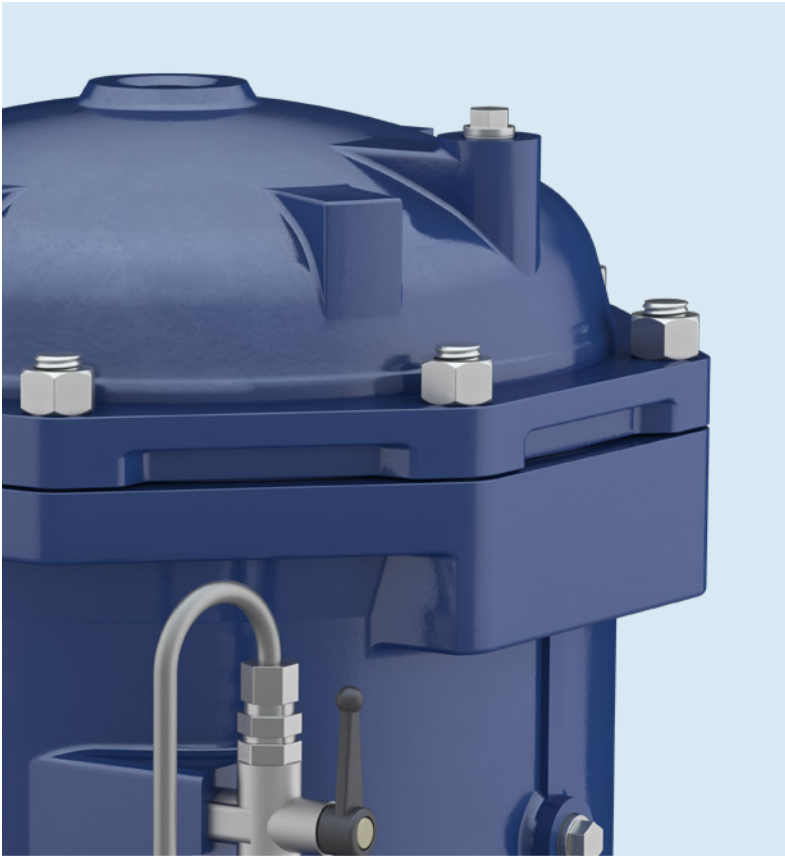


PROVIDE CLARITY



## **BOLLFILTER Automatic Type 6.48**

The highest lubricant quality at all times



Maximum system protection. Minimal operating costs.

## Guaranteed engine protection

To ensure smooth operation of diesel engines and generators, the quality of the lubricating oil is the key factor in maximising service life and minimising operating costs. Being a technology

leader, BOLL & KIRCH always strives for filtration solutions that provide the best system protection with outstanding efficiency. The BOLLFILTER Automatic Type 6.48 wins over due to established principles,

innovative concepts and maintenance-free operation for creating optimum conditions for the efficient operation of engines.

# 6.48

**Maintenance-free continuous operation** ✓

**Innovative backflushing concept** ✓

**Minimal operating costs** ✓



Reliability through innovation





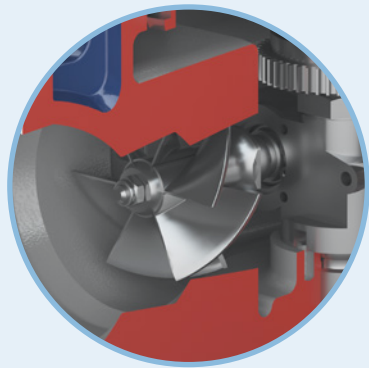
# Effectiveness and efficiency through an optimised cleaning concept

The filter technology of the BOLLFILTER Automatic Type 6.48 is based on proven principles of our established automated filters for lubricating oil filtration. Due to the continuous cross and counter-current

backflushing, the best possible cleaning of the filter candles is ensured at all times. A secondary filter screen and overflow valves also ensure safety of the entire system. Diesel engines and

generators are thus reliably protected against wear caused by lubricating oil contamination. Our high-grade lubricating oil filters are the number one choice for protecting sophisticated

systems on passenger ships and work boats, freight trains and mining trucks, as well as power plants, due to their remarkably long service lives and low maintenance.

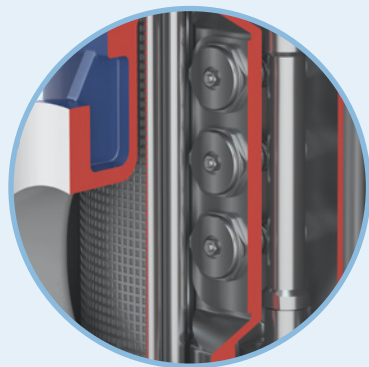
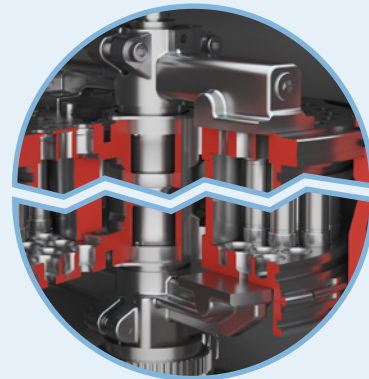


## Maximum efficiency drive concept

By means of the flow-driven turbine, the cleaning process runs continuously without any additional energy input and operates simultaneously with the filtration process.

## Innovative backflushing technology

With the help of two opposing flushing arms, the backflushing energy is optimally distributed along the entire length of the filter candles, resulting in outstanding cleaning performance.



## Double safety

If the automated cleaning of the filter candles is insufficient in the event of unusually high dirt loading, the overflow valves will open at a set differential pressure and the lubricating oil will be filtered through the second stage protective mesh.

Continuous filtration at the highest level

Cruise Vessels



Work Boats



Diesel Locomotives



Off-Highway Vehicles



Power Plants





# Best filtration results through application-specific solutions

The BOLLFILTER Automatic Type 6.48 offers high reliability and excellent filtration through its optimised operating mode and high quality components. Various options for adapting the

filter to the specific application ensure the best possible filtration performance. Various housing designs and component options are available for this purpose.

The overall system reliability of diesel or gas powered engines and generators is sustainably improved by excellent lubricating oil quality.

## Variable mounting options

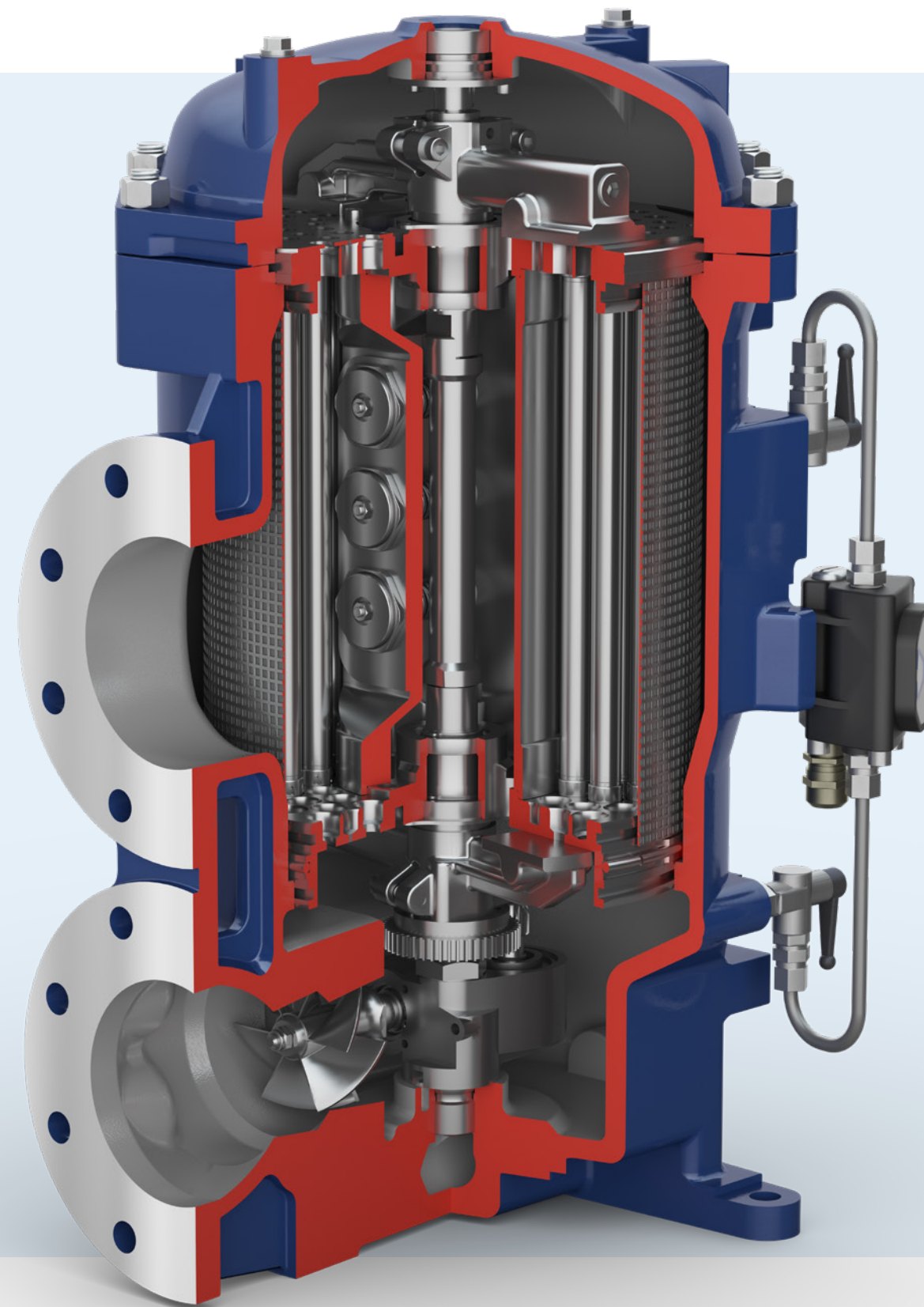
Thanks to its design, the automatic filter can easily be operated horizontally or vertically directly on the motor and guarantees trouble-free operation even in difficult conditions.

## Application-related customisations

Thanks to variable housing sizes and flange variants, the automated filter can be adapted to any specific needs.

## Numerous additional options

A wide range of options from integrated drain valves to internal pressure relief valves through to additional threaded holes for various sensors can be implemented.



## Rated diameter of connection flanges

DN 40 – DN 300

## Filter fineness

10 µm to 48 µm

## Operating flow rates

16 m<sup>3</sup>/h – 780 m<sup>3</sup>/h

## Operating pressure

2 – 10 bar

Maintenance-free and flexible

Benefit from our expertise in complex filtration processes and improve the lube oil treatment in your specific application. Our self-cleaning automatic filters ensure efficient system protection and a significant reduction in running costs.

Customers rely on the implementation of application-optimised filtration solutions and appreciate our individual support and guaranteed worldwide service.

## Reasons for choosing BOLL & KIRCH

- Comprehensive application expertise in the field of lube oil treatment
- Fast product availability
- Wide range of retrofit and modification options
- High reliability
- Minimal operating costs



### Contact:

Boll & Kirch Filterbau GmbH  
Siemensstraße 10 – 14  
50170 Kerpen, Germany  
Telefon: +49 2273 562 0  
Fax: +49 2273 562 223  
E-Mail: [info@bollfilter.com](mailto:info@bollfilter.com)  
[www.bollfilter.com](http://www.bollfilter.com)