

CARE FOR CLARITY



aquaBoll

Application Expertise Included



The new automatic filter aquaBoll

The challenge: efficiency and individuality

As a technological leader, BOLL & KIRCH is always striving to find innovative and sustainable solutions in the field of filtration. This principle underlies our new concept of fully automated water filtration.

The automatic filter „aquaBoll“ is capable of significantly increasing the overall efficiency of your plant, thanks to its optimised functionality and innovative adaptability.

aquaBoll

customisable platform concept ✓

minimal operating costs ✓



A revolution in water filtration

The solution: a fail-safe platform concept

The individuality and performance of aquaBoll is based on a new platform concept. This takes the form of a multisegmented casing with various customisable features, designed to take up the

minimum of space. The adaptive filtration elements, variable connection flanges and customisable housing materials allow the automatic filter to be adapted to your particular filtration needs.



- ✓ adaptive filtration elements
- ✓ multisegmented casing
- ✓ customisable housing and coating materials
- ✓ flexible positioning of connection flanges
- ✓ high flow rates with minimum installation space



High performance as standard

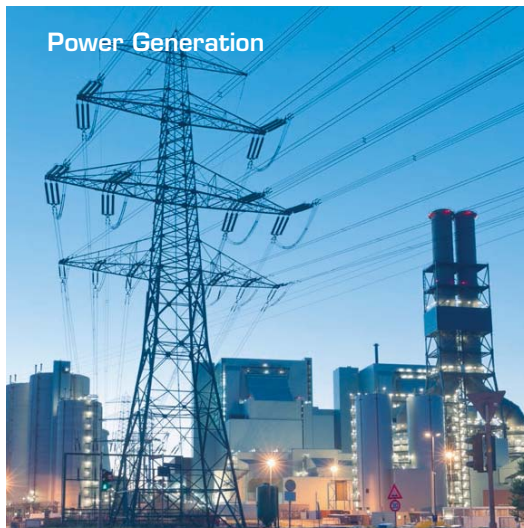
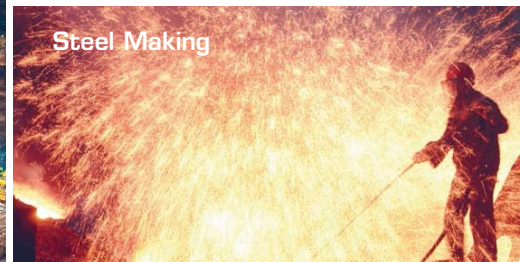
Provides clarity: aquaBoll serves your specific application

The automatic filter aquaBoll is specifically designed to cope with demanding situations and to endure the hardest conditions. Complex filtration processes are handled with ease, in all cases.

Our standardised platform concept also guarantees low acquisition costs and high flexibility regarding the applications it can be used for. The compact construction enables easy access to all relevant elements

while reducing start-up and maintenance costs. Maintenance times have been reduced drastically due to the high availability of standardised components. When it comes to long-lasting

water-quality improvement, the combination of an innovative set-up, high-end parts and a long operational lifespan makes aquaBoll equal to just about any requirement in a wide variety of industries.





Our priority: optimal protection of your application

- ✓ **standardised components**
- ✓ **innovative backflushing technology**

Protection of your application is guaranteed by consistently high-quality filtration and fail-safe operation.

In addition, standardised high-end parts, optimised operation and fully automatic backflushing technology keep costs low.



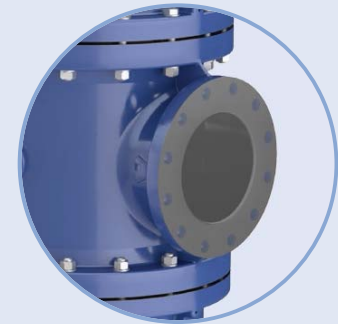
Platform-based housing concept

Rotatable housing elements enable the flanges to be positioned just the way your application demands. The housing and coating materials are individually customisable.



Fully automatic backflushing technology

The filtration process takes place continuously, thanks to our fully automatic backflushing technology. Backflushing takes place alongside the filtration process, either controlled by differential pressure or at timed intervals.



High flow rates and maximum adaptability

The basis of aquaBoll's uniqueness is an innovative platform concept, which makes it highly customisable. This makes for maximum flow rates with minimum installation space required.

Reliability through quality

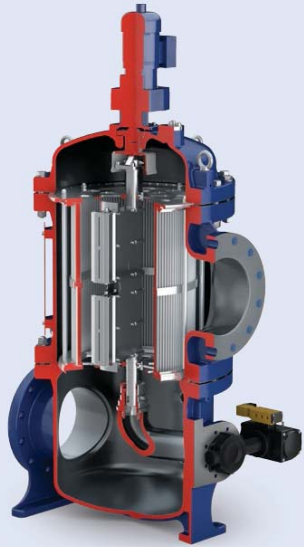
Technical specifications: know-how sets the standard

To ensure that there is a solution for every requirement, three types of adaptive filtration element are available: the filter candle, the sieve cylinder and

the fine sieve cylinder. The choice depends on size, the required fineness of filtration and the degree of water contamination.

✓ **customisable filtration concepts**

✓ **maximum flexibility**



Fine sieve cylinder

Fineness

10 µm – 80 µm

Nominal diameter connection flanges

DN 50 – DN 500 (2" – 20")

Housing diameter

273 mm – 750 mm



Filter candle

Fineness

100 µm – 1 mm

Nominal diameter connection flanges

DN 50 – DN 1000 (2" – 40")

Housing diameter

273 mm – 1350 mm



Sieve cylinder

Fineness

2 mm, 3 mm and 5 mm

Nominal diameter connection flanges

DN 50 – DN 500 (2" – 20")

Housing diameter

273 mm – 750 mm



Flexibility for best results in filtration



The premium products of BOLL & KIRCH are setting benchmarks in the field of fluid processing. Our continuous processing solutions guarantee self-cleaning during in filtration, increasing the overall efficiency of your application.

When it comes to implementing application-oriented solutions, our customers appreciate our flexible processes, reliable service and personal approach.

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