

HSA series

Fully automatic water filtration without process interruption (Bernoulli principle)

In many industrial plants, low-priced river or sea water is used for process cooling, which naturally shows a high degree of contamination.

In this case, heat exchangers and the entire cooling system need to be protected from pollutions continuously.

The self-cleaning automatic filter which works according to the Bernoulli principle manages pollution loads at low differential pressure.

HSA Series

Characteristics of the filter system

- Suitable for filter rating from 20 μm to 4000 μm
- Flow rates up to 8000 m^3/h
- Time or differential pressure controlled self-cleaning

Materials

The filter vessel can be produced of stainless steel, carbon steel (with or without inner lining) or glass fiber reinforced plastic (GFK).

Benefits of the Filter System

- Self-cleaning filter element
- Cleaning without filtration interruption
- Compact design
- Horizontal or vertical construction possible
- Suitable for high flow rates
- Simple maintenance
- The control of the filter can be integrated in a central controlling system.

Inserts

- Slot type cylinder
- Perforated plate cylinder

The filter insert can be supplied made of stainless steel, titanium or Super Duplex materials. Other material can be supplied upon request.

Accessories

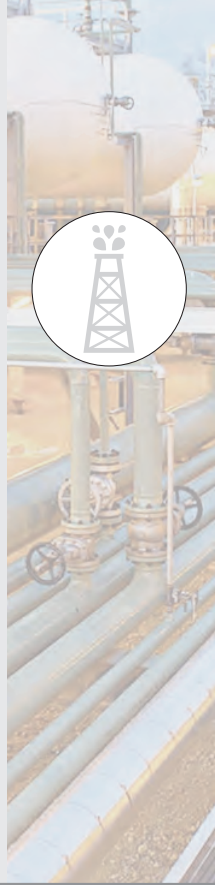
- Differential pressure transmitter / manometer
- Shut-off unit (ball valve or butterfly valve)
- Control (IPC / LOGO / SPS)
- Proximity switch
- Pneumatic components
(pneumatic cylinder / switching components /piping accessories)



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Application



FILTRATION OF
SEA WATER

POWER STATION



Certification

- AD-2000 Merkblatt HP 0 / HP100R / DIN EN 13445 in conjunction with DIN EN ISO 3834-2 / KTA 3211.3
- Nuclear Standard KTA 1401 / AVS D 100/50
- ASME Section VIII with U-Stamp
- NB Certificate of Authorization
- Certified Company Qualification according to Water Resources Law (WHG)



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