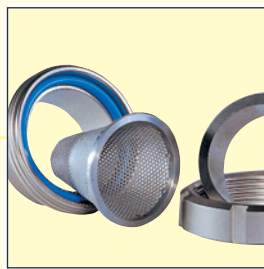


Filters



Technical Information

Filters

Application

- Removing solid substances from pumpable media to protect system components such as:
 - o pumps (constrained lifting)
 - o valves
 - o machines
- For removal of undesired solid constituents particularly for product protection

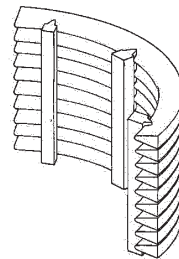
Features

- Cleanable
- Sturdy and long service life
- Reliable in operation
- Large free passages

Design

- Numerous designs also with dimensions according to customer's specifications as
 - o angular filter
 - o dirt collecting filter
 - o passage filter
 - o startup filter

- From 30 µm to 10 mm as
 - o perforated sheet
 - o stainless steel mesh wire with support cage inside or outside, where applicable
 - o slotted tube screen (welded wedgewire construction) with ideal self-cleaning characteristics



- For welding on
- As intermediate flange version
- With pipe connections from the Nocado product lines
- With heater
- Gasket materials according to FDA directive
 - o HNBR
 - o EPDM
 - o Viton

	nocanorm	nocaplus
Material:	AISI 304/304 L* AISI 316 L**	AISI 316 L**, special stainless steel or titanium on request
Surface:	matt, glossy in contact with product Ra < 1.6 µm	electro-polished, matt blasted, other surfaces on request in contact with product Ra < 0.8 µm
Documentation:		specific test report 2.2 according to EN 10204, e.g. material certificate inspection certificate 3.1 according to EN 10204, e.g. material traceability from melting to finish product operating instructions and spare-parts lists
Pressure	PN 10	PN 10, higher pressures available on request

*AISI 304/304 L similar to I.430/I.4307

** AISI 316 L similar to I.4404/I.4435

Filters

Planning instructions

Sieves can also remove extremely small foreign particles. But in general they cannot replace a filter, because their capacity for holding contamination is very limited.

Frequently filters are installed only after damage has occurred. Filters should be installed as safety features in all tank vehicles and containers as a matter of principle. It repeatedly happens that sealing wires or similar foreign objects are transported into the production line via the hose connections where they stick in non-return valves, for example, and prevent them from fulfilling their function.

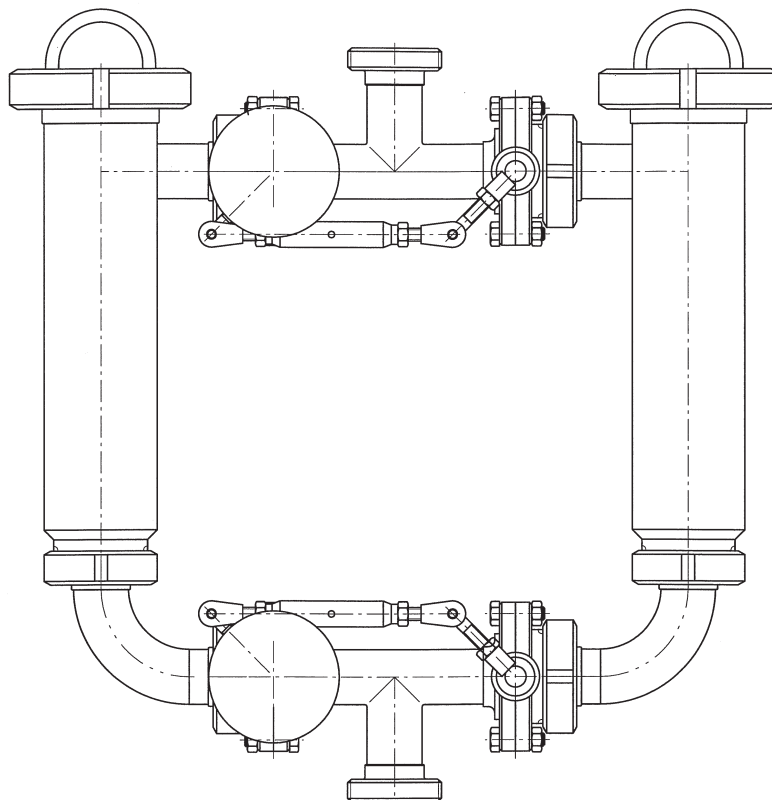
When allowed by the product a filter should be installed in front of every filling machine to catch foreign objects such as pieces of gaskets.

Nocado filters are also available in prefabricated assemblies in which 2 angular filters connected in parallel can be used alternately.

Nocado filters are also available in special housings. We already produced e.g. slotted tube-type strainers for continuous sugar separators with a capacity of 30 t/h, for separating sugar crystals from the sugar solution.

Due to their design, strainers cannot be back-flushed with satisfactory results under actual practical conditions. To clean, it is necessary to remove the strainer insert and clean it with a powerful water jet, etc.

As a result of the design, slotted tube-type strainers made of wedgewire are considerably easier to clean, because the foreign particles are either hold back completely or allowed to pass through the strainer. In contrast, the particles stick inside classic strainers made of perforated sheet or mesh wire. The favorable flow through slotted tube-type strainers ensures more effective CIP cleaning and satisfies higher requirements to hygienic design.





Subject to technical modifications and changes in prices. Errors excepted.

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