Self-Cleaning Filters

**TYPE DELTA-STRAIN 960-S/L / -XL**

For Hydrous, Viscose and Super-Viscose Media

The DELTA-STRAIN is a logic, cost-efficient and environmental-protecting way of filtration. DELTA-STRAIN is the trade name of DELTAFILTER Filtrationssysteme GmbH.

- No cartridge filters waste
- Self-cleaning without interruption of process
- Robust and user-friendly filter housing in two parts
- Closure with segment-screw clamps
- Low operating costs due to a long service life
- No special spare part stockholding is necessary
- Simple and time-saving maintenance – no dismounting of pipelines
- Internal filter parts are removable upwards
- Filter rates nominal 25 µm – 3000 µm

**OPTIONS**

- Protection ATEX-conformable acc. directive 2014/34/EU, perforated elements for gel-like particles, fibres, algae etc., special voltage, special seals, automatic drain-system, sluices, heating jacket, differential pressure indicator, wall-holders, TÜV acceptance etc.

Some branches of industry for example:

- Automobile industry
- Beverages and food industry
- Chemical industry
- Cosmetic industry
- Dye, paint and lacquer industry
- Electronics industry
- Metalworking and steel industry
- Mineral oil industry
- Paper industry
- Plastics industry
- Water supply and wastewater treatment companies etc.

Please take care of the product description and the technical dimensions on the back

DELTA-STRAIN 960-S/L, 1.4571, 10 bar
**Product Description**

The filter housing, constructed of two parts, has a cover with motor-holder and gear-motor. The cover can be dismounted upwards. The closure is done by segment-screw clamps. The filter system of DELTAFILTER Filtrationssysteme GmbH is extremely robust and designed for extreme applications. The filter element and the cleaning-system can be dismounted upwards together with the cover as one unit without special tools. The dirt is removed from the filter element by flexible scraper-blades of stainless steel and sinks downwards in the mud reservoir of the sump. The dirt can be discharged by a manual ball-valve or optional by an automatic cut off device, which can be controlled by the time or by the differential pressure. Liquid losses are limited. Sluices can be delivered optionally for the concentration of the dirt. The standard type of the filter housing has two mounting blocks with female threads.

**Technical data**

<table>
<thead>
<tr>
<th>Specification</th>
<th>DELTA-STRAIN-960-S/L</th>
<th>DELTA-STRAIN-960-S/L-XL</th>
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</thead>
<tbody>
<tr>
<td>Design and calculations:</td>
<td>PED 2014/68/EU, AD2000</td>
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<tr>
<td>Material of housing:</td>
<td>1.4571 (316Ti)</td>
<td>1.4571 (316Ti), 1.4310</td>
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<td>Material of filter element:</td>
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<td>1.4435 (316L)</td>
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<tr>
<td></td>
<td>1.4571 (316Ti)</td>
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<tr>
<td>Material of other internal parts:</td>
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<td>Max. allowable pressure:</td>
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<td>Max. allow. temperature:</td>
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<td>Housing gasket:</td>
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<td>Filter rates nominal:</td>
<td>25 µm – 3000 µm</td>
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<td>Drive:</td>
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<td>Motor data:</td>
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<td>Motor protection:</td>
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</table>

Illustration, weights and measures are only indices.

We manufacture self-cleaning filters in special construction and alternative material!
Our self-cleaning filters model DELTA-STRAIN are available for flow capacities up to 250 m³/h as standard versions – higher flow capacities on request.
We will prepare a detailed quotation for you. Test filters are available.

07/16 - Technical changes reserved!