

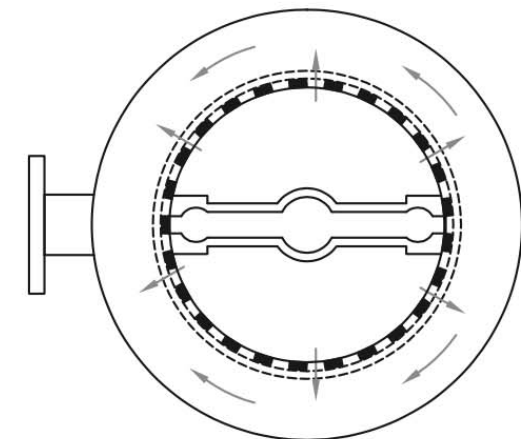
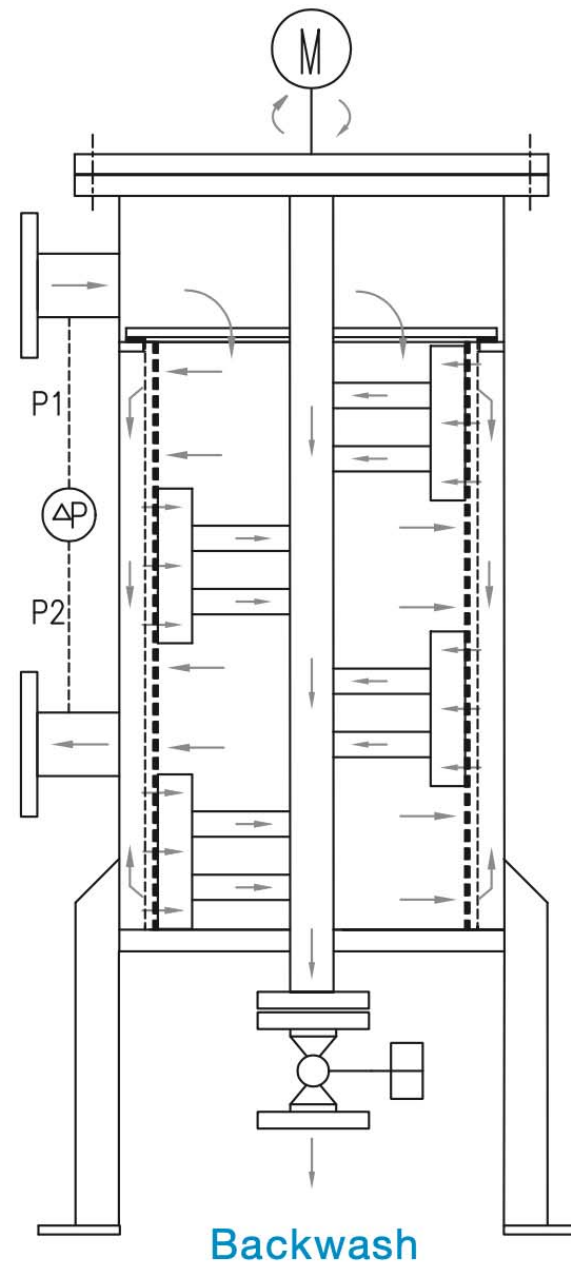
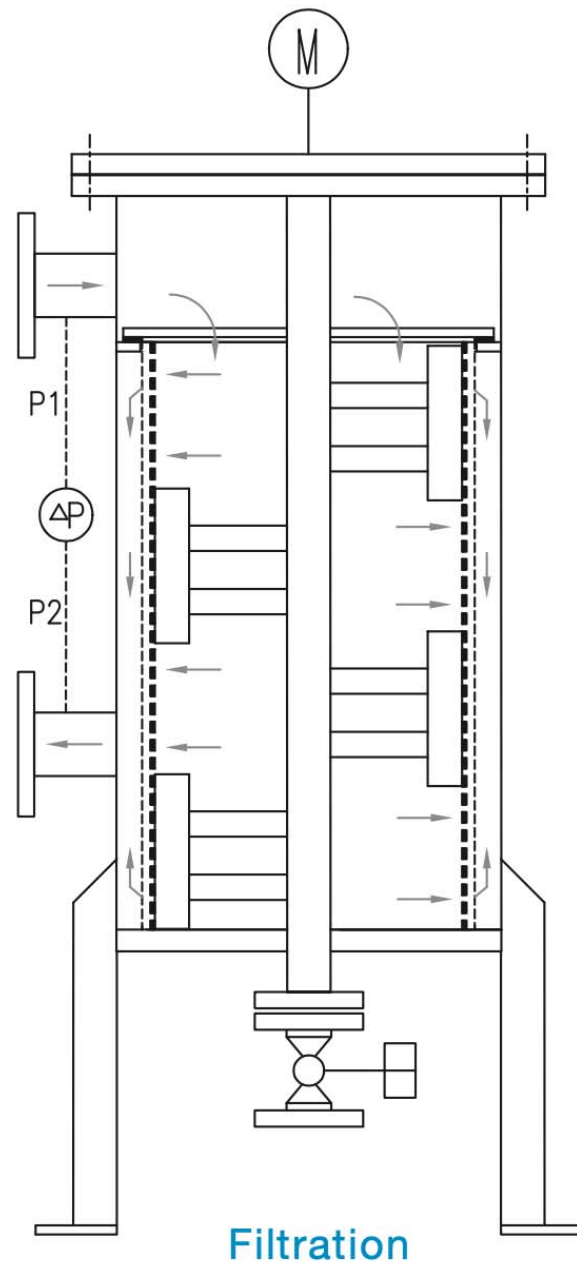


Automatic Backwash Filter

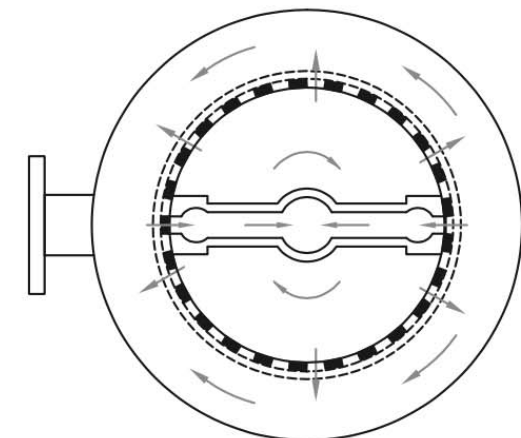


BetaFlo Working Principle

LIVIC



Filtration

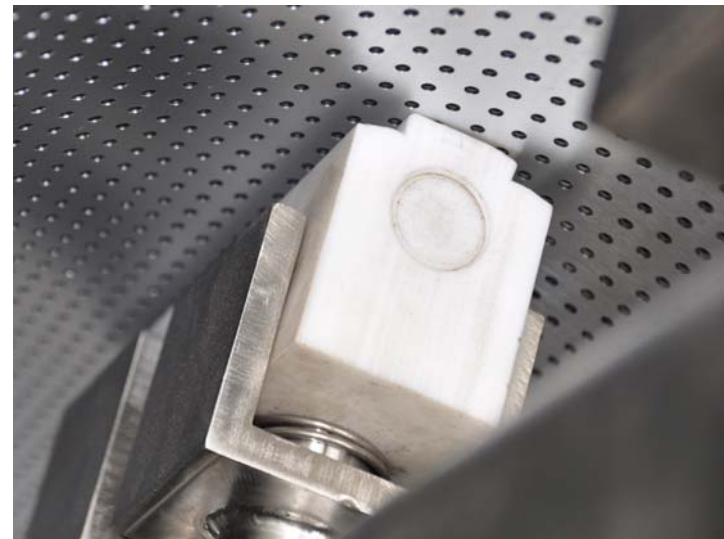
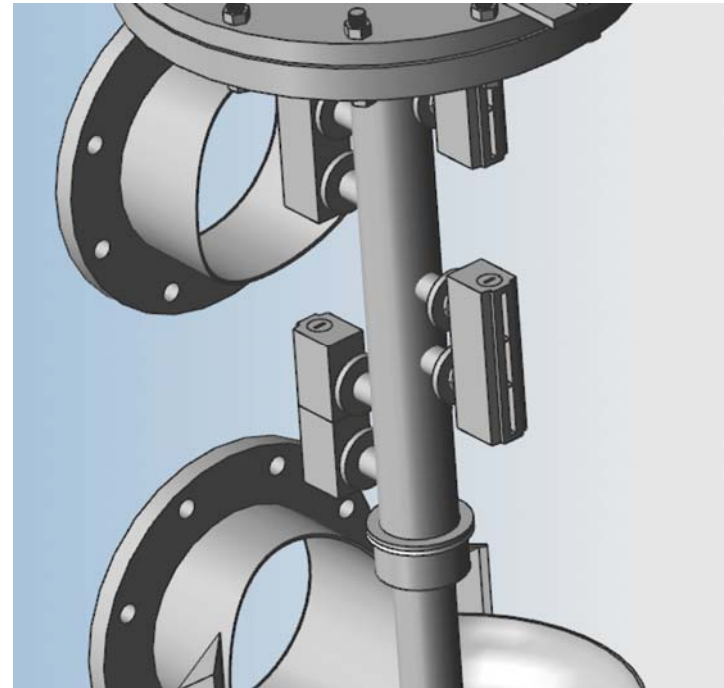
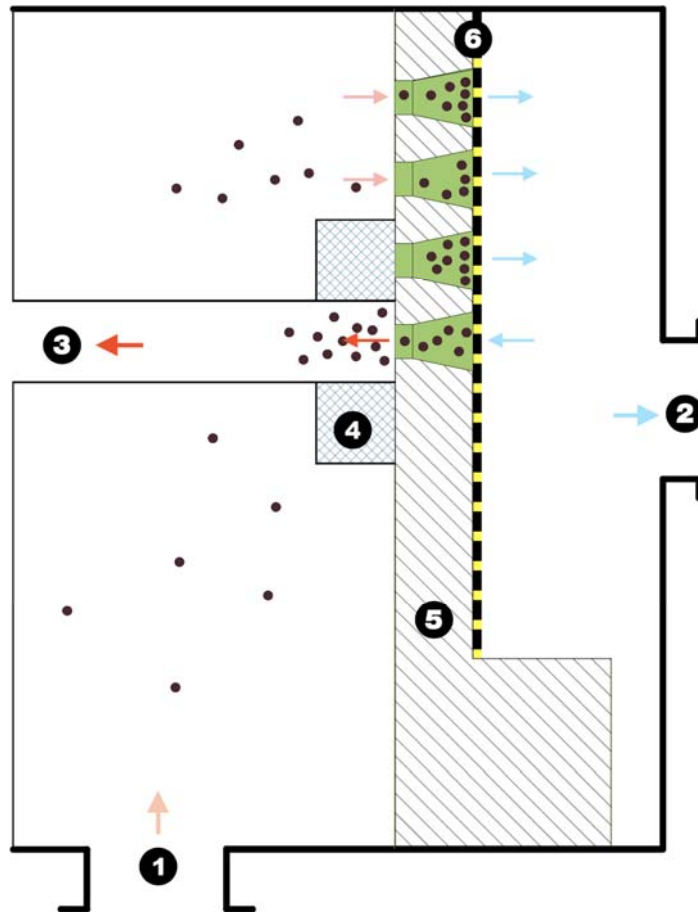


Backwash

BetaFlo Filter Inside

LIVIC

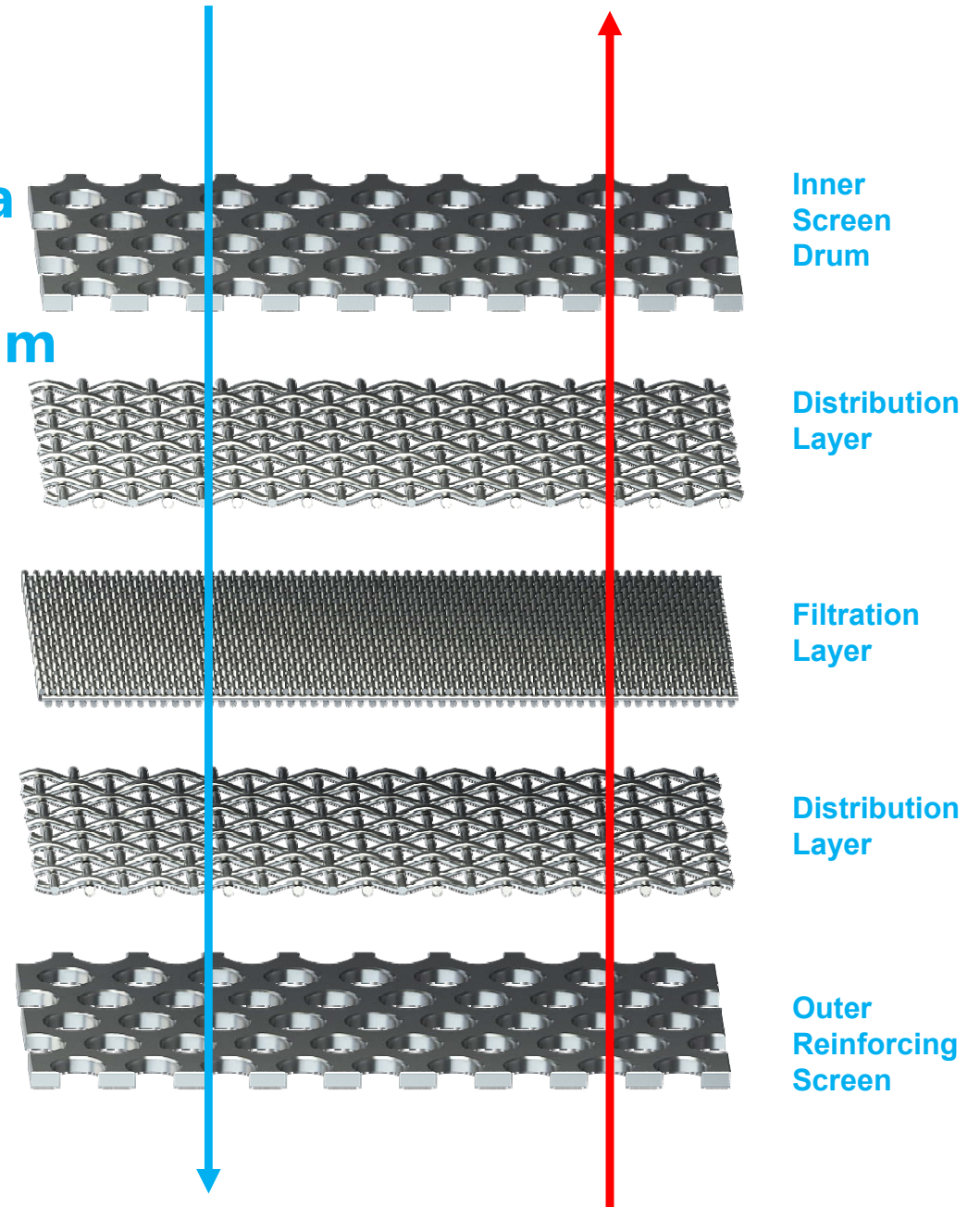
- Spring-loaded slot shape suction nozzle
- Smooth inside surface
- Conical drilled hole screen drum



BetaFlo Filter Element

LIVIC

- Maximized effective filter area
- Precise drilled hole screen drum
- Distribution layer+filtration layer+distribution layer
- Reinforcing screen



Excellent Backwash Performance

LIVIC

- Ultrafine filtration degree down to 5 μm
- Capable of viscous contaminant cleaning
- Strong suction, no bypass between the suction nozzle and the screen
- Multi-channel back-flushing, uniform cleaning performance
- Very short movement from the screen to the suction nozzle
- Allow to built up a thicker filtration cake
- Less backwashed waste
- Lower prefiltration protection requirement(2mm)



Simple, Reliable and Easy for Maintenance

LIVIC

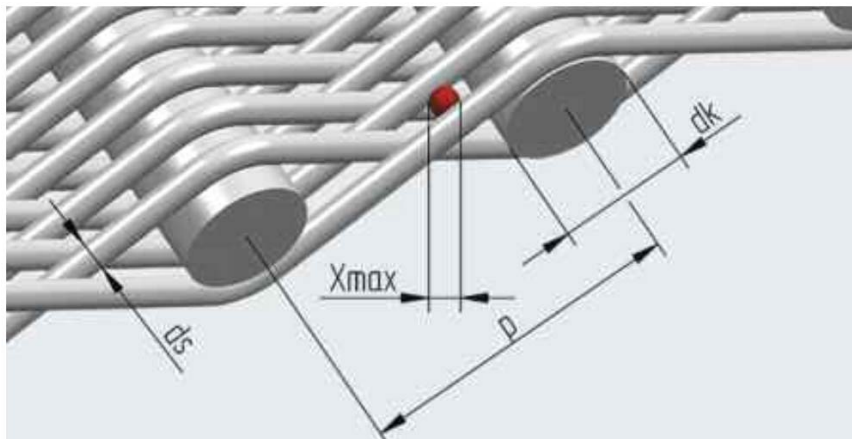
- Simple backwash control principle, only to open the gear motor and backwash valve
- One backwash cycle=360° rotation, or 360°*n
- No spiral movement, no limit switch, very reliable
- Very easy to take out the suction nozzle assembly and the filter element
- Horizontal and vertical installation available, cover lifting device available



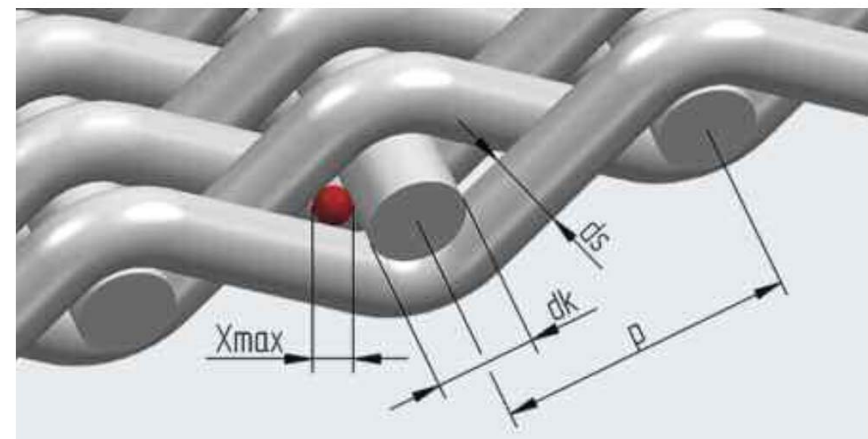
High Performance Filter Media

LIVIC

- Specially developed for the easy back-flushing
- very fine wires woven for high opening and porosity (up to 64%)
- very high number of pores per unit area for high dirty loading
- high flowrate and low pressure drop with small pore sizes
- 316L/904L/2507



XL series mesh



TL series mesh

BetaFlo Filter Specification

LIVIC

- Filtration Degree: 5~200 μ m
- Design Pressure: 1.0MPa/ higher Pressure
- Filter Area: 2260~83760cm²
- Viscosity: 0~100000cps
- Wet Part Material: CS/ 304/316L/2205/2507
- Flowrate(40 μ m, Water) : 50~3619m³/h



BetaFlo Filter Applications

LIVIC



Ballast Water Filtration



Edible Oil Filtration



Sea Water Filtration



Prefiltration Before Bag Filters