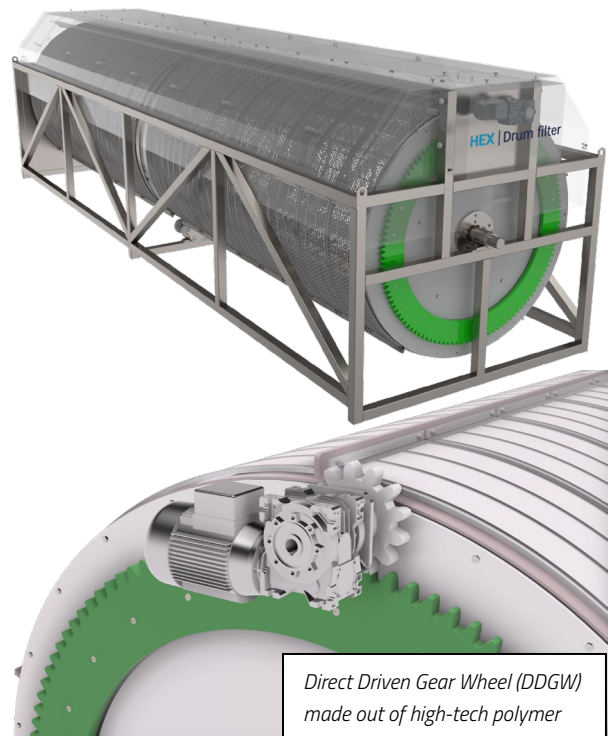


HEX | Drum filter F5-18C, Technical Specification for 50 Hz

HEX version C is a drum filter with the drum mounted in an open frame for building into a channel installation.

Size F5-18C:

Drum diameter:	2000 mm
Filtration panels:	90 x HEX® BeeCell
Filtration size:	10 to 1000 micron
Filtration area:	41,4 m ²
Material frame/drum:	AISI304 for freshwater AISI316 for saltwater
Material cover:	UV-resistant HDPE
Material sludge tray:	UV-resistant HDPE
Material filter straps:	AISI316
Pipe diameter sludge:	160 mm
Filter drive:	1,5 kW SEW KAF39
Power supply:	3 phase 50Hz
Backwash pump:	13,2 m ³ /h at 7,5 bar
Backwash connection:	1" BSP pipe connection



Hydraulic notes:

Differential working pressure:	0 to 250 mm
Maximal differential pressure:	450 mm
Maximal inlet water velocity:	1 m/s
Overflow walls in front are needed for passive safety!	
Outlet wall in the back is needed for passive safety!	

Minimum supply includes:

Level sensor with on / off signal for automatic control

Typical options:

- Backwash pump:
5,5 kW Grundfos CR15-6 or CRN15-6 (316 parts)
Alternative 5,5 kW Grundfos MTR.
- Strainer: Mounted after backwash pump
- Backwash manometer AISI316 on TEE
- HEX | Base Control: Control box with motor starters, emergency stop and on / off automatic operation.
- HEX | IC: Intelligent control box with logic controls, motor starters, emergency stop and analog IP 67 level sensor.
The HEX | IC allows you to optimize the filter operation to reduce water and energy consumption.

