siClaro® DM – submerged rotation filter for MBR systems

Low investment costs:

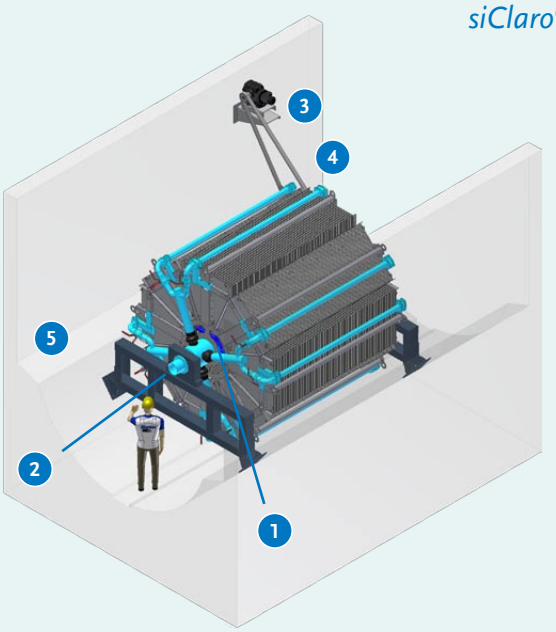
Simple installation of the membrane segments

low technical periphery by abandoning periodic permeate backflushes

Small activation volume due to high MLSS concentrations

Space-saving design, small footprint

Example of application:
siClaro® DM with of 3,300 m² of membranes



Cleaning unit 1
Filtrate outlet 2
Drive 3
Drive chain 4
Filtration cell 5

Low operation costs:

Minimal energy demand for scouring aeration due to the patented sequential cleaning of the membrane surface

Minimal consumption of chemicals for cleaning due to the patented filtration cell

Minimal energy demand for filtrate outlet due to low transmembrane pressures

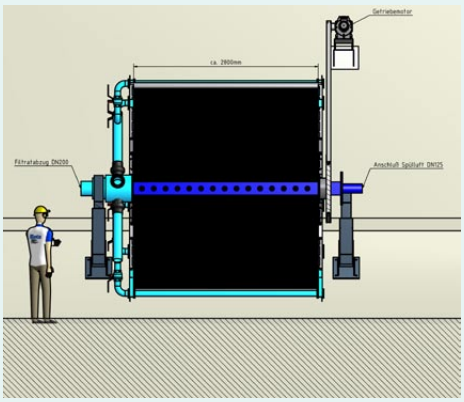
Long membrane life time due to gentle filtration

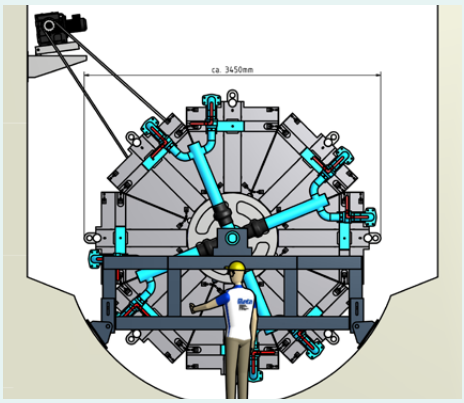
No risk of blocking or clogging due to the rotating movements, intensive turbulence

Simple maintenance

Guaranteed compliance to hygienic standards due to the high separation performance of the UF membranes

Fully automated filtration operation





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