



DISC FILTER SYSTEM RW-R-SFS

Disc filter system for retaining fine and coarse substances from flowing liquids

APPLICATION

- Stormwater tanks or reservoirs
- Combined rain and wastewater tanks or reservoirs
- Storage areas within sewage networks
- Flow-dividing structures
- Pumping stations
- Inlet structures
- Wastewater treatment plants
- Industrial facilities

PRODUCT DESCRIPTION

A highly tuned combination of cast metal, hydraulic and system-control components. The disc filter is particularly effective in holding back floating and suspended debris from communal or industrial wastewater channels during flooding. It is commonly used to hold back debris from entering storm overflow tanks and reservoirs. An adaptable, customisable design and construction permits the

installation and effective operation of the disc filter almost universally, irrespective of local currents and specific mounting conditions. The adjustable speed of disc rotation ensures an optimum retention and clearing of floating and suspended debris from the filter. Functionality and energy efficiency is additionally increased through control of the disc rotation in accordance to the water level.

DESIGN FEATURES

- Each filter rotor is driven by connected, adjustable hydraulic motors
- No floating bearings required
- Optimised bearing and debris-collecting plates
- System-controlled optimisation of debris clearing rate, according to water level
- Customisable configuration and mounting



ADVANTAGES

- Highly functional and reliable owing to its design and disc rotation
- Easily adjustable speed of disc rotation
- Reliable removal of debris
- Easy maintenance
- Low investment and operating costs

