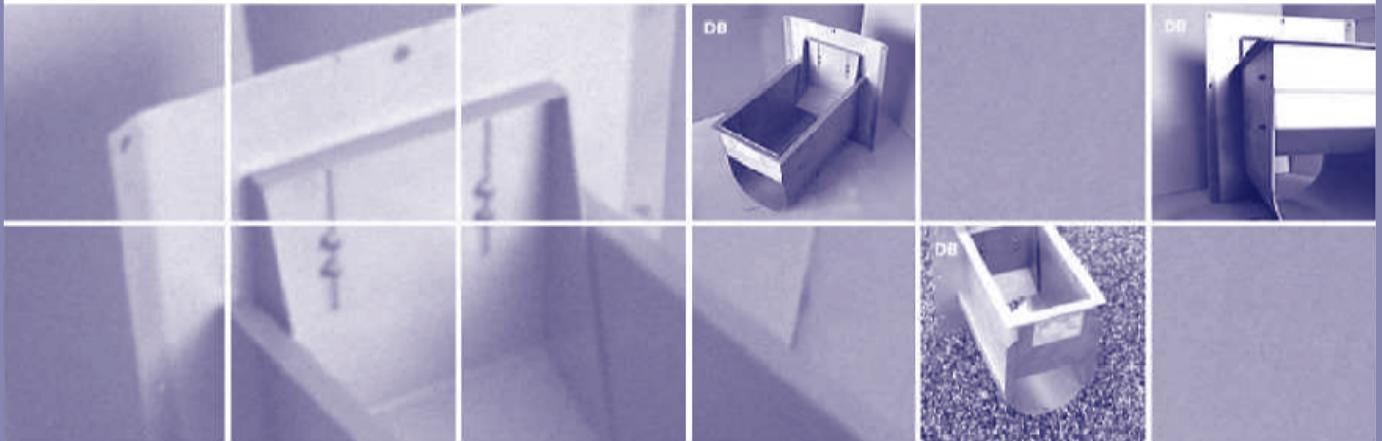


DOUBLE BAFFLE CONTROLLER DB

Dry Mounted

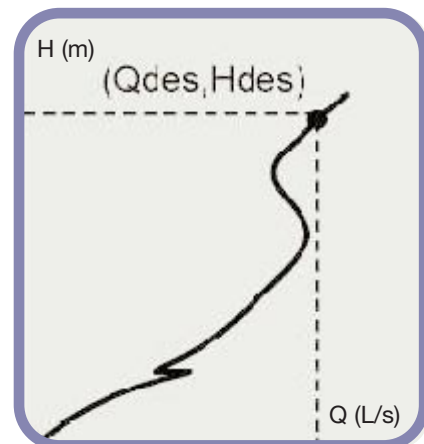


FLEXIBLE SOLUTION

- Applicable for larger and large capacities.
- A suitable DB controller can be found for any design flow 30 l/s to 10 m³/s, please see diagram to the right.
- Fully adjustable baffles (inlet opening).
- This makes it possible to change inflow as needed with a range of at least +/-25% relative to its medium capacity.
- Applicable for all common types of sewage.
- Applicable at even very small heads (from appr. 40 cm and upwards).
- Requires little space.

EFFECTIVE CONTROL

- Ensures close to constant discharge, Q_{des} , virtually regardless of upstream head, H . This is illustrated by the head- discharge curve sketch to the right.

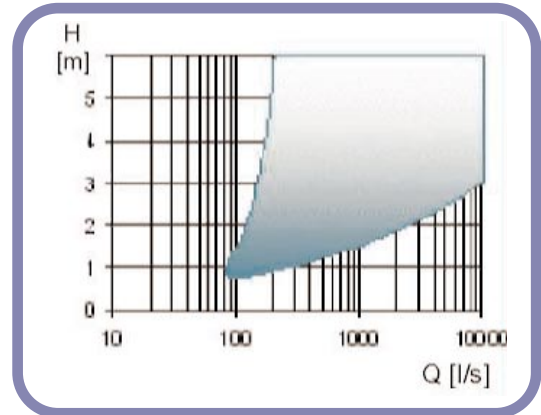


Head-discharge curve for DB



LOW MAINTENANCE / OPERATING COSTS

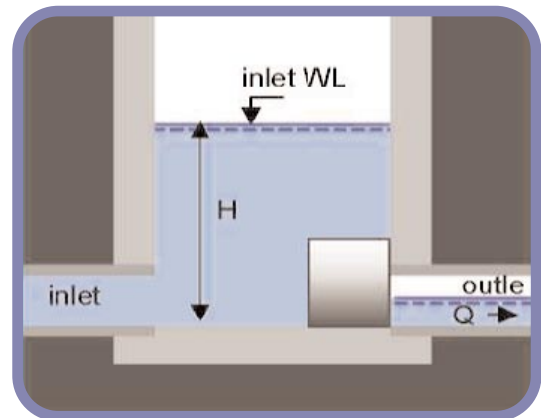
- Straight passage
- Large passageway
- Horizontal (level) passageway
- No moving parts
- Does not require any power supplies
- Fabricated in acid-resistant stainless steel AISI 316L



Application chart

LOW CONSTRUCTION COSTS

- Can be fitted in existing or designed manholes or tanks - a separate housing structure is mostly not required.
- Inexpensive



Definition sketch

TYPICAL APPLICATIONS

- At the outlet from detention basins
- In overflow/surcharge structures
- Temporary storage in upstream sewer system
- At inlet to pumping stations

