

## Channel flap

### Nominal size 250 × 250 to 3000 × 3000 mm, three-side sealing, for rectangular opening in channels, for dowelling or embedding

Channel flaps are three-side sealing for closing channels. The flap is beared centrally rotated and can be operated with small energy effort. Due to the compact and space saving design the channel flap is particularly suitable for overbuilt or covered channels, where standard penstocks can not be installed because of their construction height.



#### Technical specifications

- Nominal size 250 × 250 to 3000 × 3000 mm, also available in intermediate sizes
- Sealing performance acc. to DIN 19569, part 4, table 1
- For rectangular channel openings
- For dowelling into the channel or embedding into the channel slot

#### Sealing performance

- Outstanding sealing performance in accordance with DIN 19569 part 4, table 1
- Steady sealing performance irrespective of water level
- Wastewater resistant sealing material

#### Installation advantages

- Quick and easy installation
- No additional adjustments necessary

#### Operation advantages

- Maintenance free
- Durable operating reliability
- High process safety due to outstanding sealing performance

#### Corrosion resistance

- Maximum corrosion resistance due to stainless steel material, all acid cleaned and passivated in own pickling plant

#### Actuation

- The channel flap can be extended with a gearbox, or can be actuated with an operating key or electric actuator

#### Accessories

- MOBITORQ® Mobile Actuator: see brochure
- Operating key: e.g. All-in-One operating key

#### Areas of application

- Municipal and industrial wastewater treatment plants
- Drainage systems

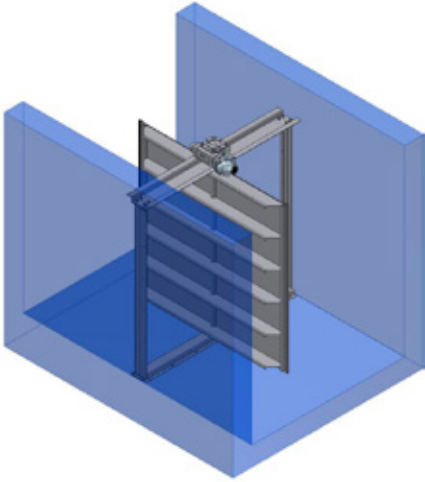
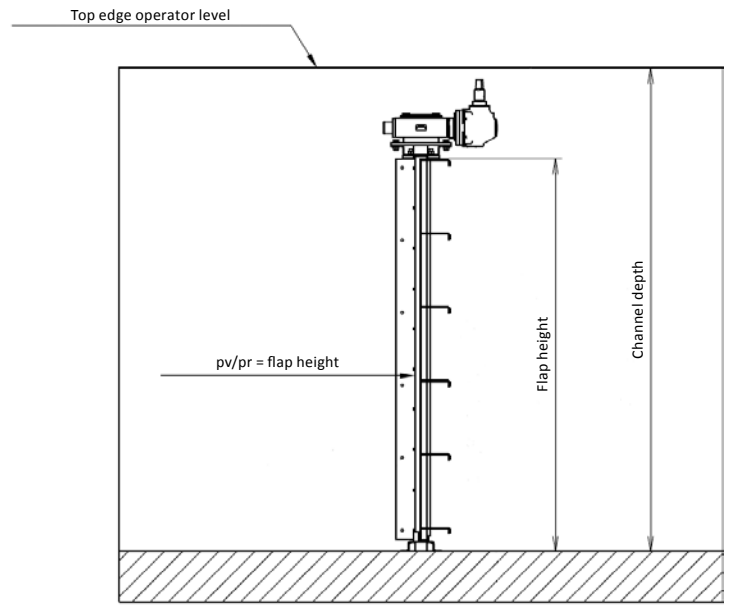
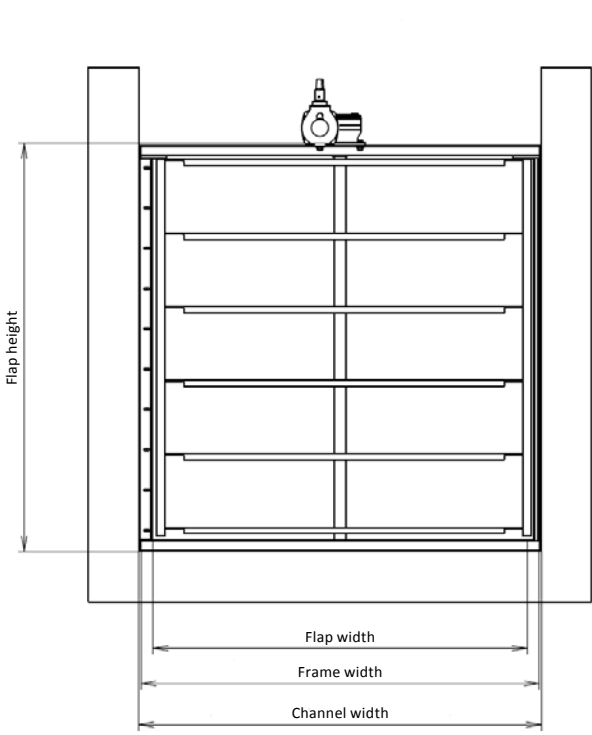
#### Materials

Frame: Stainless steel SS304/SS316Ti or steel St.37 hdg.  
 Cover: Stainless steel SS304/SS316Ti or steel St.37 hdg.  
 Sealing: EPDM, wastewater resistant or NBR  
 Dowels: Stainless steel S32304

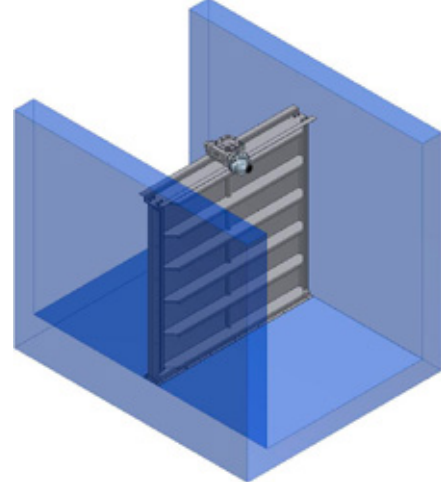
*Other materials available on request.*

# Channel flap

Size 250 × 250 to 3000 × 3000 mm, three-side sealing, for rectangular opening in channels, for dowelling or embedding



Open channel flap



Closed channel flap



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