**Overflow weir**

500 x 200 mm up to 5000 x 1200 mm, individual sizes possible on request

Overflow weir for controlling the water level in an open channel or basin inlet, supported on the bottom of the channel or basin, with the following design features:

* Seals on three sides, seal on the bottom and between the weir and the lateral guide
* Lateral guide plates for lateral sealing of the movable flap valve
* All steel parts made of stainless steel
* Reinforced EPDM seal
* Hinge with mesh-reinforced EPDM seal to prevent scouring of filter sand
* All EPDM seals are replaceable
* All welded parts with perfect corrosion protection from our own pickling plant
* Seal and wearing parts (spindle, spindle nut, spindle bearing, seal) are replaceable

A valid welding certificate of at least execution class EXC3 according to DIN EN 1090-2, from the manufacturer must be attached to the offer.

**Material:** SS304 / 316L / A182F51 / A182F53 (delete as applicable)

**Tightness class**

* **Leakage rate to DIN 19569, Part 4, Table 1:**
	+ Max. 10 % from 0.05 to 0.1 l/s/m (tightness class **3**)

**Overflow weir mounting options**

* Dowelled into the structure
* Cast in concrete

(Delete as applicable)

**Overflow weir actuated by:**

* Handwheel on transverse yoke

 Optional: Stainless steel handwheel

* BÜSCH control key all-in-one via square cap
* Mobile electric actuator, BÜSCH MOBITORQ, via square stem cap
* Electric actuator mounted on transverse yoke

Optional: with BÜSCH weather protection roof

Optional: BÜSCH BEA© stainless steel electric actuator

* Pneumatic actuator
* Hydraulic actuator

(Delete as applicable)

**Overflow weir designed for:**

Channel width: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

Channel height: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

Flap height: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

Top water level: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

**Scope of supply**

Overflow weir complete with all required fastening elements (dowels (stainless steel A4) and sealing material).

* Including certificate to EN 10204, type 2.1, declaration of compliance with the order, with indication of leakage rate to DIN 19569, part 4

**BÜSCH overflow weir** or equivalent

**Manufacturer:** BÜSCH Armaturen Geyer GmbH

 Industriestraße 1

 09468 Geyer

 Germany

[**www.buesch.com**](http://www.buesch.com/)

Quantity ........... EURO/each............ EURO/item ...........