**Channel flap**

Flap as closing element for canals and open channels

Nominal size 200 x 200 mm to 1000 x 1000 mm, is designed with central pivot point.

Nominal size larger than 1000 x 1000 mm up to 2000 x 2000 mm with one-sided pivot point

Channel flap with rectangular opening, three-sided seal, centrally supported with the following design features:

* The overall height is smaller than the channel depth. The valve does not protrude beyond the top of the channel (the traversability of the canal/channel depends on the type and size of the actuator)
* Replaceable wearing parts and seal (EPDM / NBR - delete as applicable)
* All welded parts with perfect corrosion protection from our own pickling plant

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:**
  + Pressure at rear: 0.05 to 0.1 l/s/m (tightness class **3**)

**Channel flap mounting options**

* Dowels in the channel
* Dowels in the side of the channel and embedded in the concrete channel floor
* For embedding in the prepared concrete channel recess

(Delete as applicable)

**Channel flap actuated by:**

* Handwheel with gear unit
* BÜSCH all-in-one operating key via square stem 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 cylinder mounted on transverse yoke

**Channel flap designed for:**

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

Channel depth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

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

**Scope of supply**

Channel flap 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 channel flap** or equivalent

**Manufacturer:** BÜSCH Armaturen Geyer GmbH

Industriestraße 1

09468 Geyer

Germany

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

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