**Flap cover**

Soft-sealing flap cover as backwater preventer, for drainage systems and flood control

DN 100 – 2000 mm

Nominal size 150 x 150 mm up to 3000 x 3000 mm

Backpressure: 6 mWC; higher pressure ratings possible

Flap cover with circular or rectangular opening, sealed all-round, with the following design features:

* Straight flap valve cover reinforced by means of sheet metal fins according to the structural requirements
* All welded parts with perfect corrosion protection from our own pickling plant
* Replaceable wearing parts and seal (EPDM / NBR - delete as applicable)
* Fastening material made of stainless steel is included

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**)

**Variants:**

Each flap cover is available with different types of cover:

* Flat cover for external water level below the pipe invert
* Flat cover with balancing weight for low drainage pressure
* Flap cover with counterweight
* Inclined cover
* With impact damping

**Flap cover mounting options**

* Dowelled into the structure
* Cast in concrete
* Mounted on a pipe flange with hole pattern PN10

Optional: Other hole pattern possible

**Flap cover designed for opening size:**

Diameter \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

or

Nominal size (perpendicular): \_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

**Scope of supply**

Flap cover 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 flap cover** or equivalent

**Manufacturer:** BÜSCH Armaturen Geyer GmbH

 Industriestraße 1

 09468 Geyer

 Germany

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

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