# Rotary weir

# Rotary weir, seals on four sides, for fast draining (e.g. of filter basins)

# Nominal size max. 3500 x 300 mm

# Flap opens downwards, seals on four sides, with the following design features:

* Good sealing performance regardless of water pressure. Complete sealing of the sluice plate, sealed tight even at low operating pressure
* Reinforced EPDM seal
* Hinge with mesh-reinforced EPDM seal to prevent scouring of filter sand
* All welded parts with perfect corrosion protection from our own pickling plant
* Seal and wearing parts (bearing, seal) can be replaced

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 / SS316L (delete as applicable)

**Tightness class**

* **Leakage rate to DIN 19569, Part 4, Table 1:**
	+ Max. 10 % of 0.02 l/s/m (tightness class **5**)

**Use:**

* As single rotary weir (one flap valve operated by one actuator)
* As double rotary weir (two flap valves operated by one actuator)

(Delete as applicable)

**Rotary weir mounting options**

* Frame for embedding in concrete
* Frame for dowelling into the smooth structure wall

(Delete as applicable)

**The rotary weir is actuated by:**

* Using push and pull rods via reversing shaft(s)

All mechanical bearings made of bronze and outside the medium

**The rotary weir is actuated by actuators:**

* 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)

R**otary weir designed for opening size** (width x height in mm): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ x \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Max. operating pressure: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mWC

Installation depth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mm

**Scope of supply**

Rotary 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 rotary 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 ...........