

## Technical information

### Flushing dump



## Imprint

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## List of changes

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## 1 Introduction

The operationally reliable, most commonly installed solution for cleaning rainwater tanks.



### **Attention**

This technical information is no substitute for the operating instructions. In particular, the warning and safety instructions required in accordance with DIN EN 82079-1 (preparation of information for use (instructions for use) of products), which are necessary for installation, maintenance and troubleshooting on site, are missing.

This technical information is an abridged version of the operating instructions for the flushing dump. Contact STEBATEC if you wish to obtain the detailed operating instructions, which contain the necessary warnings and safety instructions as well as further information.

## 2 Areas of application

The flushing dump, which is mounted outside the medium (rainwater, wastewater, etc.), removes deposits without external energy and extremely effectively by means of a powerful flushing surge.

Flushing dumps are ideal for the following applications:

- Rainwater tanks
- Sewer reservoirs



*Figure 1: Flushing dump*

### 3 Technical structure

As soon as a rainwater tank or structure is emptied, the filled flushing dump tips over automatically due to its special shape and centre of gravity conditions. The long water surge cleans the bottom of the basin from sludge and impurities.



Figure 2: Flushing dump in the open basin

#### 3.1 Advantages

- Ideal torque and tension curve, thus lowest loads, optimum utilisation of the construction and hardly any mechanical noise
- Finely graduated series from 200 l/m to 2000 l/m
- Submersible bearings made entirely of cast stainless steel
- Construction lengths up to 10 m

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