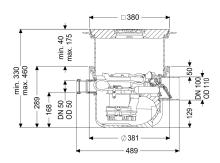


## Pumpfix S backwater pump station DN 100, with black cover plate





## Article information

Item no.: 280451S GTIN: 4026092085516

Price group: 10

## **Advantages**

- Drains reliably against backwater pressure
- Continuous running pump with multi-vane vortex impeller for maximum reliability
- System suitable for installation in waterproof concrete

## Description

The backwater pumping station for faecal-free wastewater is equipped with one pump and two mechanical backwater valves which close automatically in the event of backwater.

Normally, draining takes place via the natural gradient to the sewer. During the backwater phase, draining takes place via the integrated pump against backwater pressure directly into the sewage channel.

- With vertically adjustable upper section for continuous height and level compensation and integrated floor drain
- System suitable for installation in waterproof concrete, groundwater resistant up to 3 m
- Backwater protection in accordance with EN 13564 type 5
- Including socket DN 50 for inlet and cable conduit
- Pump suitable for permanent operation with multi-vane impeller for maximum operational safety
- Including float switch for level measurement

Variant

Note on installation depth: System suitable for installation in waterproof

concrete

Discharge rate (l/s) with 20 mm threshold:

2

Mechanical backwater flaps:

1,6

System installation:

Waterproof concrete



General characteristics

Standard: EN 13564
Nominal size (DN): 100
Outer diameter (OD): 110 mm

Type of wastewater: without sewage Delivery state: plug-in ready

Backwater protection: Type 5

**Dimensions** 

Net weight: 10,8 kg
Gross weight: 12,1 kg
Groundwater resistant from lower edge of base 3000 mm

section:

Cutout dimension, width: 600 mm Cutout dimension, length: 600 mm Installation depth: 330 - 460 mm Length: 485 mm Width: 380 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

Tank/drain body

Connection conduit pipe (DN): 50
Inlet nominal size (DN): 50 mm

Coverage features

Type of cover:

Cover material:

Colour of cover:

Width of cover:

Length of cover:

Drainage function:

Cover plate

Polymer

black

366 mm

366 mm

yes

Locking:Lock & LiftLoad class:K 3 (EN 1253-1)Rim width:380 mmRim length:380 mmMax. flooring height:16 mmShape of upper section:square

Pumping device

Pump: GTF 500

Number of pumps: 1 Weight, pump: 6 kg

Connection type: Schuko (earthed contact) 2-pin

Operating voltage: 230 V
Protection class: I
Insulation class: F
Cos phi - power factor: 0,91



Protection class (pump): IP 68
Temperature monitoring: integrated
Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping height: 8 m

Speed: 2800 U/min Power P1: 0,6 kW Power P2: 0,36 kW Operating mode: S1

Type of pump connection cable: H07RN-F 3G 1.5 mm<sup>2</sup> Impeller type: Multi-vane impeller

Length of mains cable for pump: 5 m Rated current: 2,7 A

Control

Mains frequency: 50 Hz Operating voltage: 230 V

Connection type: Schuko (earthed contact) 2-pin

Type of fuse required (electrical protection): C 16 A