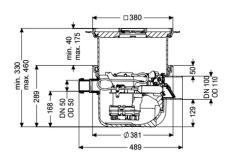


Pumpfix S backwater pump station DN 100, with tileable cover plate





Article information

Item no.: 280451X GTIN: 4026092085523

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 $\mbox{\ensuremath{m}}$
- 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 backwater: 1,6 Mechanical backwater flaps: 2

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: tileable cover plate

Cover material:PolymerColour of cover:selectableWidth of cover:366 mmLength of cover:366 mmDrainage function:yes

Cover locking:

Lock & Lift

Load class:

K 3 (EN 1253-1)

Rim length:

380 mm

Rim material:

380 mm

Max. flooring height:

16 mm

Pumping device

Shape of upper section:

Pump control: GTF 500

Number of pumps: 1 Weight: 6 kg

Connection type: Schuko (earthed contact) 2-pin

Rated current: 2,7 A
Length of mains cable for pump: 5 m
Self-diagnosis system (SDS): I
Insulation class: F

square



Cos phi - power factor: 0,91
Protection class control unit: IP 68

DSC: integrated Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping height: 8 m

Speed: 2800 U/min
Power P1: 600 kW
Power P2: 360 kW
Operating mode: S1

Type of pump connection cable: H07RN-F 3G 1.5 mm² Impeller type: Multi-vane impeller

Control

Mains frequency: 50 Hz Operating voltage: 230 V

Connection type: Schuko (earthed contact) 2-pin

Rated current: 2,7 A