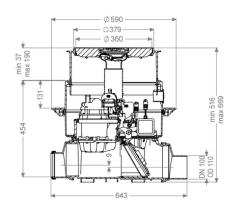


Backwater pump station, Pumpfix F DN 100, Floor slab, black





Article information

Item no.: 24100S

GTIN: 4026092046524

Price group: 30

Advantages

- Backwater pumping station: uses the natural fall to the sewer - pump is only used for backwater
- Flexible installation, different covers with drain function available for installation in the floor slab
- Quiet and energy-saving

Description

The premium backwater pumping station for faecal and non-faecal wastewater is equipped with a pump and a motor-driven closure system. The pipe cross-section is normally open. In case of backwater, the motor-driven closure system is closed automatically. During the backwater phase, the water drains via the pump with integrated macerator. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact, or alarm and collective fault messages can be output via a GSM interface.

Variant

Emergency closure: yes

Rim width: Control unit
Protection class, probe: IP 68 (3m/48h)

Motor-driven backwater flaps:

General characteristics

Colour: black
Nominal size (DN): 100
Outer diameter (OD): 110 mm
Type of wastewater: with sewage

Installation situation: floor slab installation



Delivery state: Pre-mounted for final assembly on site (pumps and

sensor system must be fitted on site and control

unit must be connected)

Inlet max. scoring (DN): Z-53.2-388 Motor type: KSM 140

Protection class (pump): IP 68 (3m/48h)

Dimensions

Net weight: 29,2 kg
Gross weight: 32 kg
Groundwater resistant from lower edge of base 3000 mm

section:

Cutout dimension, width: 750 mm
Cutout dimension, length: 750 mm
Vertical drop between inlet and outlet: 9 mm

Installation depth: 516 - 669 mm

Vertical adjustment: vertically adjustable upper section

Length:642 mmWidth:590 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

System: including spigot and socket

Coverage features

Type of cover: Cover plate with slotted cover

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

Cover locking: Lock & Lift
Load class: L 15 (EN 1253-1)
Odour trap: Multistop

Pumping device

Pump control: SPZ 1000

Number of pumps: 1 Weight: 10 kg Connection type: coded plug Rated current: 5,2 A Length of mains cable for pump: 5 m Self-diagnosis system (SDS): I F Insulation class: Cos phi - power factor: 0.97

Protection class control unit: IP 68 (3m/48h) DSC: integrated



Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity: 11,5 m³/h Max. pumping height: 10 m

Speed: 2800 U/min
Power P1: 1,2 kW
Power P2: 0,69 kW
Operating mode: S3 - 50 %
Type of fuse required (electrical protection): C 16 A

Type of pump connection cable: H07RN-F 3G 1.5 mm²

Impeller type: Macerator

Motor connection cable type: $\ddot{O}PVC$ -JB/OB 300/500 V/3 x 0,75 mm2 mm² Sensor connection cable type: $\ddot{O}PVC$ -JB/OB 300/500 V/3 x 0,75 mm2 mm²

Control

Control unit: Comfort Alarm sensor: optical probe Level measurement instrument: optical probe Type of level measurement: optical Protection class probe: IP 54 Operating voltage: 230 V Connection type: coded plug Length of mains cable for control unit: 1.4 m Potential-free contact: optional GSM interface: yes USB interface: yes Log book function: yes Multi-line display: yes Battery buffering: yes Self-diagnosis system (SDS): yes Rated current: 5,2 A