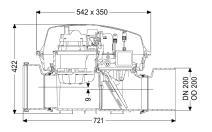


## Backwater pump station, Pumpfix F DN 200, exposed





## **Article information**

Item no.: 24200

GTIN: 4026092046517

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

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

Motor-driven backwater flaps:

General characteristics

Colour: black
Nominal size (DN): 200
Outer diameter (OD): 200 mm

Note on nominal size: Hydraulics correspond to DN 150

Type of wastewater: with sewage



Installation situation: exposed drainage pipe

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

sensor system must be fitted on site and control

unit must be connected)

Approval: Z-53.2-388 Motor type: KSM 140

Type de protection moteur: IP 68 (3m/48h)

**Dimensions** 

Net weight:20 kgGross weight:25,5 kgVertical drop between inlet and outlet:9 mm

Installation depth: 500 - 640 mm

Length:720 mmWidth:350 mmHeight:422 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

Socket version: including spigot and socket

Coverage features

Type of cover: Protective cover

Cover material:

Colour of cover:

Width of cover:

Height of cover:

Length of cover:

Locking:

Polymer

transparent

350 mm

165 mm

Clip closure

Pumping device

Pump: SPZ 1000

Number of pumps:

Weight, pump:

Connection type:

Rated current:

Protection class:

Insulation class:

1

10 kg

coded plug

5,2 A

F

Insulation class: F
Cos phi - power factor: 0,97

Protection class (pump): IP 68 (3m/48h)
Temperature monitoring: 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 mm<sup>2</sup>

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

yes

C 16 A

Length of mains cable for pump: 5 m

Control

Self-diagnosis system (SDS):

Type of fuse required (electrical protection):

Control unit: Comfort Alarm sensor: optical probe Level measurement instrument: optical probe Type of level measurement: optical Protection class control unit: 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