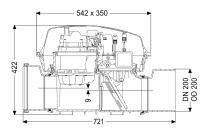


Backwater pump station, Pumpfix F DN 200, exposed





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 kg Gross weight: 25,5 kg Vertical drop between inlet and outlet: 9 mm

500 - 640 mm Installation depth:

Length: 720 mm Width: 350 mm Height: 422 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

Tank/drain body

Socket version: including spigot and socket

Coverage features

Type of cover: Protective cover

Cover material: Polymer Colour of cover: transparent Width of cover: 350 mm Height of cover: 165 mm Length of cover: 542 mm Locking: Clip closure

Pumping device

SPZ 1000 Pump:

Number of pumps: 1 10 kg Weight, pump: Connection type: coded plug Rated current: 5,2 A Protection class: Ī F Insulation class:

Cos phi - power factor: 0,97

IP 68 (3m/48h) Protection class (pump): Temperature monitoring: integrated 40 °C

Max. temperature (permanent) of conveyed

material:

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

Speed: 2800 U/min Power P1: 1,2 kW 0,69 kW Power P2:



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

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