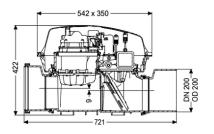


Backwater pump station, Pumpfix F DN 200, exposed





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

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

Motor-driven backwater flaps: 1

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)

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

Protection class (pump): 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

System: 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:

Cover locking:

Polymer

transparent

350 mm

165 mm

Clip closure

Pumping device

Pump control: SPZ 1000

Number of pumps:

Weight:
10 kg
Connection type:
coded plug
Rated current:
5,2 A
Length of mains cable for pump:
5 m
Self-diagnosis system (SDS):
Insulation class:
F

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: $\ddot{O}PVC\text{-JB}/OB\ 300/500\ V/3\ x\ 0,75\ mm2\ mm^2$ Sensor connection cable type: $\ddot{O}PVC\text{-JB}/OB\ 300/500\ V/3\ x\ 0,75\ mm2\ mm^2$

5,2 A

Control

Rated current:

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