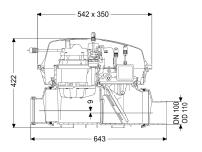


Backwater pump station, Pumpfix F DN 100, exposed





Article information

Item no.: 24100

GTIN: 4026092046487

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): 100
Outer diameter (OD): 110 mm
Type of wastewater: with sewage

Installation situation: exposed drainage pipe



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

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: 21,5 kg Gross weight: 23 kg Vertical drop between inlet and outlet: 9 mm

Installation depth: 500 - 640 mm

Length: 643 mm Width: 350 mm 422 mm Height: 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

Pump: SPZ 1000

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

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

Protection class (pump): IP 68 (3m/48h) 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 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: $\ddot{O}PVC\text{-JB}/OB\ 300/500\ V/3\ x\ 0,75\ mm2\ mm^2$

Length of mains cable for pump: 5 m

Control

Comfort Control unit: Alarm sensor: optical probe Level measurement instrument: optical probe Type of level measurement: optical **IP 54** Protection class control unit: Operating voltage: 230 V Connection type: coded plug Length of mains cable for control unit: 1,4 m optional yes yes

Potential-free contact:

GSM interface:

USB interface:

Log book function:

Multi-line display:

Battery buffering:

Self-diagnosis system (SDS):

Type of fuse required (electrical protection):

Option

yes

yes

Yes

C 16 A