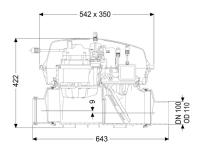


Backwater pumping station, Pumpfix F DN 100, exposed





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.

Type of wastewater: wastewater with sewage Installation situation: exposed drainage pipe

Version:

Emergency closure: yes

Pump control: Control unit



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

sensor system must be fitted on site and control

unit must be connected)

Number of motor-driven backwater flaps: 1

General characteristics:

Nominal size (DN): 100
Outer diameter (OD): 110
Colour: black

Approval: Z-53.2-388

Dimensions:

Length:643 mmWidth:350 mmHeight:422 mm

Drain body:

Socket version: including spigot and socket

Coverage features:

Type of cover: Protective cover

Cover material:

Colour of cover:

Length:

Width:

Height:

Locking:

Polymer

transparent

542 mm

350 mm

165 mm

Clip closure

Pumping device:

Pump: SPZ 1000

Number of pumps: 1

Max. pumping capacity:

Max. pumping height:

Operating mode:

Power P1:

Power P2:

O.69 kW

Speed:

2,800 U/min

Type of fuse required (electrical protection): C 16 A Max. temperature (permanent) of conveyed 40 $^{\circ}$ C

material:



Connection type: coded plug
Weight: 10 kg
Impeller type: Macerator
Length of mains cable for pump: 5 m
Rated current: 5.2 A

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

Protection class:

Type of pump connection cable: H07RN-F 3G 1.0 mm2

Temperature monitoring: integrated Cos phi - power factor: 0.97 Insulation class: F

Vertical drop between inlet and outlet: 9 mm
Motor type: KSM 140

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

Control:

Control unit: Comfort 230 V Operating voltage: Mains frequency: 50 Hz Self-diagnosis system (SDS): yes Battery buffering: yes Multi-line display: yes Log book function: yes USB interface: yes GSM interface: yes Potential-free contact: optional IP 54 Protection class control unit: Length of mains cable for control unit: 1.4 m Type of level measurement: optical Level measurement instrument: optical probe Alarm sensor: optical probe