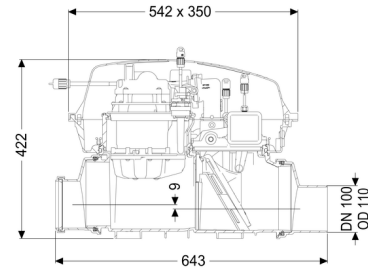
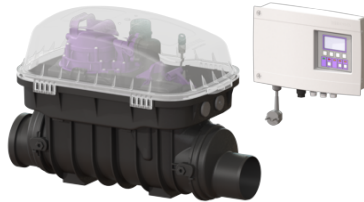


## Backwater pumping station, Pumpfix F DN 100, exposed



### 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 mm
Width:	350 mm
Height:	422 mm

#### Drain body:

Socket version:	including spigot and socket
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#### Coverage features:

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

#### Pumping device:

Pump:	SPZ 1000
Number of pumps:	1
Max. pumping capacity:	11.5 m <sup>3</sup> /h
Max. pumping height:	10 m
Operating mode:	S3 - 50 %
Power P1:	1.2 kW
Power P2:	0.69 kW
Speed:	2,800 U/min
Type of fuse required (electrical protection):	C 16 A
Max. temperature (permanent) of conveyed material:	40 °C

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:	I
Type of pump connection cable:	H07RN-F 3G 1.0 mm <sup>2</sup>
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
Operating voltage:	230 V
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
Protection class control unit:	IP 54
Length of mains cable for control unit:	1.4 m
Type of level measurement:	optical
Level measurement instrument:	optical probe
Alarm sensor:	optical probe