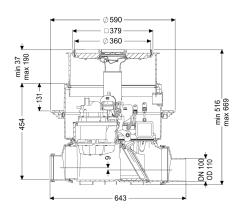


Backwater pump station, Pumpfix F DN 100, Floor slab, tileable





Article information

Item no.: 24100X

GTIN: 4026092046531

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: floor slab installation



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)

Odour trap: Multistop

Dimensions

Net weight: 28,2 kg
Gross weight: 31 kg
Groundwater resistant from lower edge of base 3000 mm

section:

Cutout dimension, width: 750 mm
Cutout dimension, length: 750 mm
Vertical drop between inlet and outlet: 9 mm

Installation depth: 516 - 669 mm

Type of height adjustability: vertically adjustable upper section

Length:642 mmWidth:590 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

Socket version: including spigot and socket

Coverage features

Type of cover: tileable cover plate

Cover material:

Width of cover:

Length of cover:

Drainage function:

Polymer

366 mm

yes

Locking: Lock & Lift
Load class: K 3 (EN 1253-1)

Max. flooring height: 16 mm

Pumping device

Pump: SPZ 1000

Number of pumps:

Weight, pump:

Connection type:

Rated current:

Protection class:

Insulation class:

Cos phi - power factor:

1

10 kg

coded plug

5,2 A

I

F

0,97

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

Max. temperature (permanent) of conveyed

material:

40 °C



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

Length of mains cable for pump: 5 m

Control

Control unit: Comfort 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 Potential-free contact: optional GSM interface: yes

GSM interface: yes
USB interface: yes
Log book function: yes
Multi-line display: yes
Battery buffering: yes
Self-diagnosis system (SDS): yes
Type of fuse required (electrical protection): C 16 A