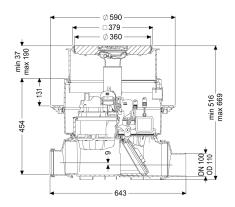


Backwater pump station, Pumpfix F DN 100, Floor slab, black





Article information

Item no.: 24100S

GTIN: 4026092046524

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



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

sensor system must be fitted on site and control

unit must be connected)

Z-53.2-388 Approval: Motor type: KSM 140

Type de protection moteur: IP 68 (3m/48h)

Odour trap: Multistop

Dimensions

Net weight: 29,2 kg Gross weight: 32 kg Groundwater resistant from lower edge of base 3000 mm

section:

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

Installation depth: 516 - 669 mm

Type of height adjustability: vertically adjustable upper section

Length: 642 mm Width: 590 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

Tank/drain body

Socket version: including spigot and socket

Coverage features

Type of cover: Cover plate with slotted cover

Cover material: Polymer Colour of cover: black Width of cover: 366 mm Length of cover: 366 mm Drainage function: ves

Lockina: Lock & Lift Load class: L 15 (EN 1253-1)

Pumping device

SPZ 1000 Pump:

Number of pumps: 1 Weight, pump: 10 kg Connection type: coded plug Rated current: 5,2 A I Protection class: F Insulation class: 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: $\ddot{O}PVC$ -JB/OB 300/500 V/3 x 0,75 mm2 mm² Sensor connection cable type: $\ddot{O}PVC$ -JB/OB 300/500 V/3 x 0,75 mm2 mm²

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 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