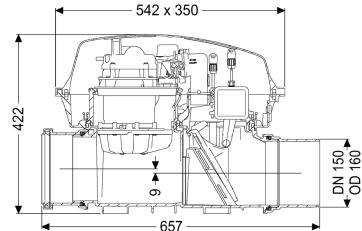


Backwater pump station, Pumpfix F DN 150, exposed



Article information

Item no.: 24150
 GTIN: 4026092046500
 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:	1

General characteristics

Colour:	black
Nominal size (DN):	150
Outer diameter (OD):	160 mm
Type of wastewater:	with sewage
Installation situation:	exposed drainage pipe

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)

Dimensions
 Net weight: 22,27 kg
 Gross weight: 22,41 kg
 Vertical drop between inlet and outlet: 9 mm
 Installation depth: 500 - 640 mm
 Length: 656 mm
 Width: 350 mm
 Height: 422 mm
 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: 1
 Weight, pump: 10 kg
 Connection type: coded plug
 Rated current: 5,2 A
 Protection class: I
 Insulation class: F
 Cos phi - power factor: 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 mm ²
Impeller type:	Macerator
Motor connection cable type:	ÖPVC-JB/OB 300/500 V/3 x 0,75 mm ² mm ²
Sensor connection cable type:	ÖPVC-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
Protection class control unit:	IP 54
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
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