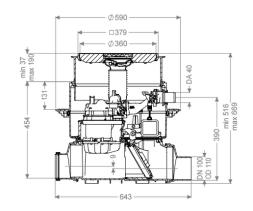


# Backwater lifting station Ecolift DN 100, Floor slab, black





## Article information

Item no.: 21100S GTIN: 4026092046807 Price group: 20

#### **Advantages**

- Hybrid function: uses the natural fall to the sewer pump is only used in case of backwater
- Quiet and energy-saving
- Double safety due to backwater flap and pressure loop

## Description

The backwater lifting station for faecal and non-faecal wastewater is equipped with one pump and one motor-driven closure system. The pipe cross-section is normally open and the water drains to the sewer via natural fall. Backwater is detected by an optical probe, which causes the motor-driven closure system to close automatically. During the backwater phase, the water drains via a pressure pipe, which carries the wastewater above the backwater level and into the sewer. Connection hole in the drain body for installation in the ground, incl. seal for pressure pipe and cable conduit. 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: Passage seal for conduit pipe (DN): Rim width: Protection class, probe: Motor-driven backwater flaps:

General characteristics Colour: Nominal size (DN): Outer diameter (OD): 50 Control unit IP 68 (3m/48h) 1

black 100 110 mm

yes



Type of wastewater: Installation situation: Delivery state:

Inlet max. scoring (DN): Motor type: Protection class (pump):

Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section: Cutout dimension, width: Cutout dimension, length: Vertical drop between inlet and outlet: Installation depth: Vertical adjustment: Length: Width: Packaging dimension: Packaging dimension: Packaging dimension:

Tank/drain body Nominal pressure (PN): Pressure pipe connection (OD): System:

Coverage features Type of cover: Cover material: Colour of cover: Width of cover: Length of cover: Drainage function: Cover locking: Load class: Odour trap:

Pumping device Pump control: Number of pumps: Weight: Connection type: Rated current: Length of mains cable for pump: Self-diagnosis system (SDS): Insulation class: with sewage floor slab installation Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) Z-53.2-487 KSM 140 IP 68 (3m/48h) 28 kg 32,26 kg 3000 mm 750 mm 750 mm 9 mm 516 - 669 mm

516 - 669 mm vertically adjustable upper section 642 mm 590 mm length width height

6 40 mm including spigot and socket

Cover plate with slotted cover Polymer black 366 mm 366 mm yes Lock & Lift L 15 (EN 1253-1) Multistop

SPZ 1000 1 10 kg coded plug 5,2 A 5 m I F



Cos phi - power factor: Protection class control unit: DSC: Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Type of fuse required (electrical protection): Type of pump connection cable: Impeller type:

#### Control

Control unit: Standby power: Alarm sensor: Level measurement instrument: Type of level measurement: Protection class probe: Operating voltage: Connection type: Length of mains cable for control unit: Potential-free contact: GSM interface: **USB** interface: Log book function: Multi-line display: Battery buffering: Self-diagnosis system (SDS): Rated current:

0,97 IP 68 (3m/48h) integrated 40 °C 11,5 m<sup>3</sup>/h 10 m 2800 U/min 1,2 kW 0,69 kW S3 - 50 % C 16 A H07RN-F 3G 1.5 mm<sup>2</sup> Macerator Comfort 5 W optical probe

Comfort 5 W optical probe optical probe optical IP 54 230 V coded plug 1,4 m yes no no yes yes yes yes yes yes 5,2 A