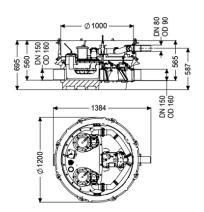


Ecolift XL backwater lifting st. Duo, 1 motor-driven flap, SPF 1500-S3





Article information

Item no.: 8741023 GTIN: 4026092068403 Price group: 60

Advantages

- Wastewater drainage without interruption, even if a power failure occurs, as long as there is no backwater
- low pump use
- minimised noise emissions

Description

The backwater lifting station for non-faecal wastewater is equipped with two submersible pumps, one motor-driven and one mechanical closure system and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an enclosed pump tank. Quick-release closures enable the integrated components to be removed easily. Normally, draining takes place via the natural fall to the sewer. Backwater is detected by an optical probe, which causes the motor-driven closure system to close automatically and there is no longer free passage to the sewer. During the backwater phase, the water drains via a pressure pipe, which carries the wastewater into the sewer. The pressure pipe is a welded PE pipe; with pump SPF 4500, the pressure pipe must also be continued up to a pressure release chamber. 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. The KESSEL modular system provides different upper sections and engineering chamber options as accessories.

Variant Note on installation depth: Type of system: Shut-off valve: Passage seal for conduit pipe (DN): Passage seal for ventilation pipe (DN): Rim width:

Version for deeper installation duo pump Shut-off valve made of polymer 100 70 Control unit



Backwater protection:	integrated
Pressure pipe connection:	horizontal
Motor-driven backwater flaps:	1
Mechanical backwater flaps:	1
General characteristics Colour: Standard: Type of wastewater: Installation situation: Delivery state:	black ÖNORM B 2501 without sewage free-standing installation Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)
Backwater protection:	Туре 3
Inlet max. scoring (DN):	Z-53.2-493
Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section: Vertical drop between inlet and outlet: Length: Width: Height: Packaging dimension: Packaging dimension: Packaging dimension:	152 kg 175 kg 3000 mm 15 mm 1384 mm 1200 mm 695 mm length width height
Tank/drain body	10
Nominal pressure (PN):	80
Pressure pipe connection (DN):	90 mm
Pressure pipe connection (OD):	continuous channel
Channel:	70
Venting connection (DN):	120 mm
Distance pipe bottom outlet to tank bottom:	135 mm
Distance pipe bottom inlet to tank bottom:	1
Number of outlets:	150 mm
Outlet nominal size (DN):	150 mm
Inlet nominal size (DN):	1
Inlet type:	1
Clear width of tank (LW):	1000 mm
Pumping volume:	20 l
Tank volume:	65 l
Pumping device Pump control: Number of pumps: Weight: Connection type:	SPF 1500 2 24 kg Direct connection



Rated current: Length of mains cable for pump: Self-diagnosis system (SDS): L Insulation class: 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 P2: Operating mode: Type of fuse required (electrical protection): Type of pump connection cable: Impeller type: Free passage: Control Control unit: Motor protection switch: Standby power: Alarm sensor: Level measurement instrument: Type of level measurement: Protection class probe:

2,7 A 10 m F 0,77 IP 68 (3m/48h) integrated 40 °C 28 m³/h 7.5 m 1415 U/min 1,4 kW 1.1 kW S3 - 50 % 3 x C 16 A H07RN-F 7G 1.5 mm² Multi-vane impeller 40 mm **Comfort Plus** ves 5 W optical probe Immersion pipe pneumatic IP 54 400 V **Direct connection** yes yes yes yes yes yes yes

Operating voltage:

Potential-free contact:

Connection type:

GSM interface:

USB interface:

Log book function:

Multi-line display:

Battery buffering:

Rated current:

Self-diagnosis system (SDS):

2,7 A