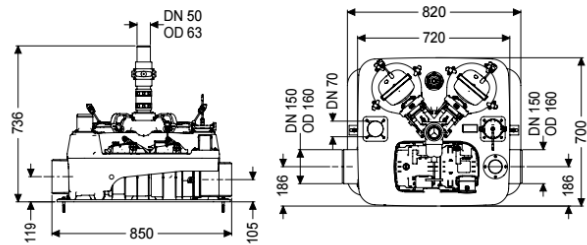


Hybrid lifting station Ecolift L Duo, FKA, SPF 1350-S3



Article information

Item no.: 22003
 GTIN: 4026092105818
 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 alternative to a sewage lifting station. For faecal wastewater, bottom section made of PE-LD, for installation in an exposed drainage pipe, drainage via the gravity pipe to the sewer. Lifting function with one pump or two pumps, only in the event of backwater, the backwater flap can be closed by a motor, with an additional hinged flap. Drainage during the backwater phase takes place via an on-site pressure pipe that can be connected above the backwater level. Including a backflow preventer and shut-off valve for the pressure pipe. Including penetration seals DN 70 for the on-site ventilation pipe Polymer closure system for the drainage pipe for safe closure of the drainage pipe in the event of backwater. Consisting of a hinged flap including an emergency closure (for manual locking if required) and an electrically powered closure mechanism including a probe protected against wire breakage for the detection of backwater. Control unit with an integrated self-diagnosis system (SDS), display of the operating states and integrated battery back-up for alarm signals. User-friendly menu guidance in a multi-line display. With a self-diagnosis system (SDS) and reminder when maintenance is due. Display of the current measured values. Simple adjustment of the function-related parameters, including the operating hour counter and potential-free contact. Optional relaying of alarm and collective error messages via the GSM interface. Control unit with a full text display in six languages.

General characteristics

Colour:

black

Type of wastewater:

with sewage

| | |
|----------------------------|-----------------------|
| Installation situation: | exposed drainage pipe |
| Approval: | Z-53.2-493 |
| Type de protection moteur: | IP 68 |
| Cable length: | 1 m |
| ATEX: | no |

Dimensions

| | |
|----------------------|----------|
| Net weight: | 49,59 kg |
| Gross weight: | 75,31 kg |
| Length: | 700 mm |
| Width: | 850 mm |
| Height: | 736 mm |
| Packaging dimension: | length |
| Packaging dimension: | width |
| Packaging dimension: | height |

Tank/drain body

| | |
|--------------------------------|--------|
| Pressure pipe connection (DN): | 50 |
| Pressure pipe connection (OD): | 63 mm |
| Outlet nominal size (DN): | 150 mm |
| Pumping volume: | 20 l |

Wastewater contents

| | |
|---------------|------|
| Total volume: | 66 l |
|---------------|------|

Pumping device

| | |
|--|----------------------|
| Pump: | SPF 1350 |
| Number of pumps: | 2 |
| Rated current: | 6 A |
| Protection class (pump): | IP 68 (3m/48h) |
| Max. pumping capacity: | 26 m ³ /h |
| Max. pumping height: | 10 m |
| Power P1: | 1,35 kW |
| Power P2: | 0,86 kW |
| Operating mode: | S3 - 50 % |
| Type of fuse required (electrical protection): | C 16 A |
| Impeller type: | Multi-vane impeller |
| Free passage: | 40 mm |

Control

| | |
|--|----------------|
| Control unit: | Comfort |
| Level measurement instrument: | Immersion pipe |
| Type of level measurement: | pneumatic |
| Mains frequency: | 50 Hz |
| Operating voltage: | 230 V |
| Rated current: | 6 A |
| Type of fuse required (electrical protection): | C 16 A |