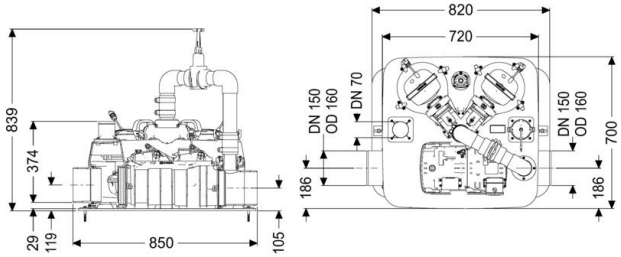
Data sheet

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



Article information

article number: 22007
EAN code: 4026092105856
Price group: 20

Product advantages

- Hybrid function: uses the natural fall to the sewer - pump is only used in case of backwater
- Quiet and energy-saving
- Tool-free maintenance

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.

During the backwater phase the wastewater drains via integrated pressure pipe. 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 units 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 features

Colour	black
Type of wastewater	with sewage
Installation situation	exposed drainage pipe
Approval	Z-53.2-493
Type de protection moteur	IP 68

Dimensions

Net weight	50.47 kg
Gross weight	76.19 kg
Length	700 mm
Width	850 mm
Height	839 mm
Packaging dimension: length	855 mm
Packaging dimension: width	775 mm
Packaging dimension: height	640 mm

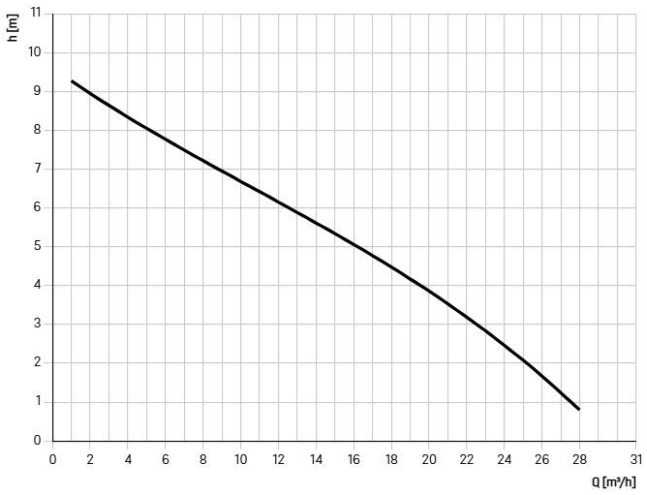
Tank/drain body

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

Pumping device

Pump	SPF 1350
Number of pumps	2
Operating voltage	230 V
Protection class (pump)	IP 68 (3m/48h)
Max. pumping capacity	26 m³/h
Max. pumping height	10 m
Power P1	1.35 kW
Power P2	0.86 kW
Operating mode	S3 - 50 %
Impeller type	Multi-vane impeller
Free passage	40 mm
Length of mains cable for pump	5 m
Length of mains cable for flap motor	5 m
Rated current	6| A

Pumping capacity



Control

Control unit	Comfort
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
Mains frequency	50 Hz
Operating voltage	230 V
Length of mains cable for control unit	1 m
Type of fuse required (control unit)	C 16 A
Rated current	|

Total volume	66 l