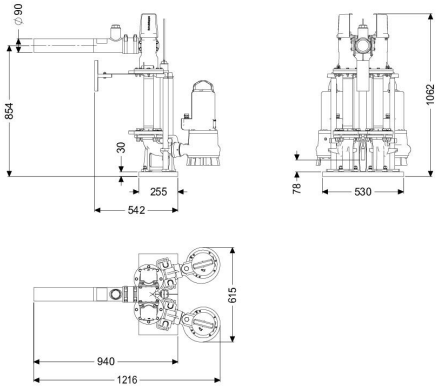
Data sheet

Pump installation kit Retrofit L Duo, GTK 3700, Level sensor



Article information

article number: 8744034
EAN code: 4026092103579
Price group: 60

Product advantages

Description

The pump installation kit for installation in existing collection tanks for wastewater with and without sewage is equipped with two floodable pumps, two backwater preventers and two shut-off valves.
The metal sliding rods are used to mount and secure the pumps.

Control is by means of pressure control via a user-friendly control unit.

General features

Standard	EN 12050-2 as well as EN 12050-1 (without ATEX requirements)
Type of wastewater	for wastewater with and without sewage
Installation situation	installation in on-site collecting tank
System type	Duo

Version

Type of system	duo pump
Shut-off valve	yes
Installation	Wet installation
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	vertical (special version, on request) horizontal (standard version)

Dimensions

Net weight	155.6 kg
Gross weight	155.6 kg
Packaging dimension: length	1090 mm
Packaging dimension: width	615 mm
Packaging dimension: height	1062 mm
Minimum diameter on site chamber	1000 mm
Minimum higth depth pump sump	800 mm

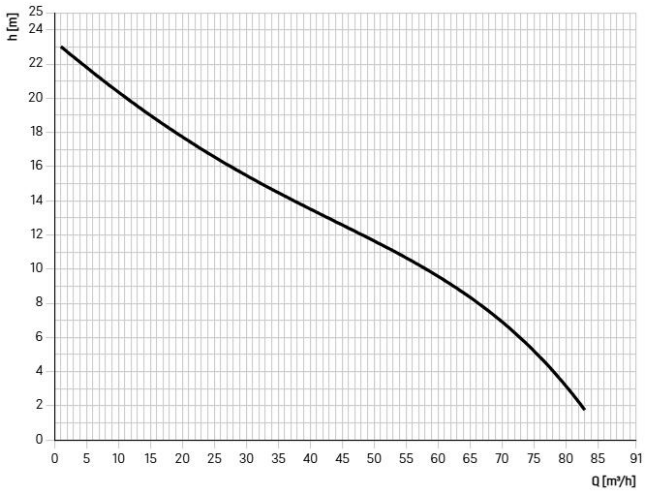
Tank/drain body

Pressure pipe connection (DN)	80
Pressure pipe connection (OD)	90 mm

Pumping device

Pump	GTK 3700
Number of pumps	2
Operating voltage	400 V
Mains frequency	50 Hz
Protection class	I
Protection class (pump)	IP 68 (3m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	82 m³/h
Max. pumping height	23.5 m
Speed	2900 U/min
Power P1	3.7 kW
Power P2	3.1 kW
Operating mode	S1
Type of pump connection cable	H07RN-F 7G 1.5 mm²
Impeller type	Single-vane impeller
Type of fuse required (pump)	3 x C 32 A
Length of mains cable for pump	10 m
Rated current	6,5| A

Pumping capacity



Control

Control unit	Connect Pro
Operating voltage	400 V
Mains frequency	50/60 Hz
Rated current (max.)	9|9 A
Output power (max.)	6.2 kW
Performance Active mode	3.0 W
Protection class control unit	IP 54
Motor protection	yes (electronically)
Type of fuse required (control unit)	C 16 A / C 20 A
Self-diagnosis system (SDS)	yes
Main switch	yes
Battery buffering	yes
Multi-line display	yes
Second Screen	yes (Wi-Fi)
Log book function	yes
Modbus (GLT or gateway)	yes (RTU)
Potential-free contact	yes (2)
Alarm sensor	yes
Ext. audible alarm	yes
Level measurement instrument	Level sensor
Type of level measurement	hydrostatic
SonicControl Option	yes
Filling Option	yes
USB interface	no