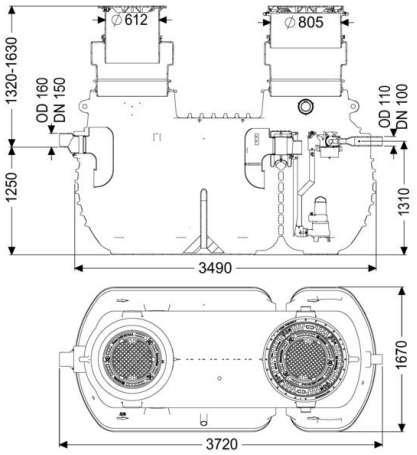
Data sheet

Grease separator EasyClean ground Multi, Direct-R, NS 10, T 170 mm, D 400



Article information

article number: 96010-DR-170D
EAN code: 4026092109915
Price group: 60

Product advantages

- Low odour and clean disposal
- Defined disposal point
- Complete emptying of the separator

Description

The unit for an underground installation combines a separator for greasy wastewater incl. sludge trap, a sampling system and a pumping station.
The tank of all system parts is made of permanently resistant polymer (PE). The individual system parts can be accessed for cleaning and maintenance work via two inspection covers.
A direct disposal pipe socket is available for reduced odour during manual disposal.

The pumping station is equipped with two submersible pumps and a backflow preventer. The pumps are actuated via a level sensor.

The station is controlled by a user-friendly control unit, which can be connected to the building control system or optionally alarm and collective fault messages can be sent.

A load distribution slab must be installed on site for load class D. The reinforcement drawings are available from KESSEL. 20-year polyethylene warranty.

General features

Installation situation	underground installation

Version

Direction of flow	right
Chamber system	Cistern
Disposal variant	Direct
Shredder-Mix-System	no
Nominal size (NS)	10
Disposal system	Disposal pipe
Type of disposal	manual

Dimensions

Net weight	872 kg
Gross weight	904 kg
Groundwater resistant from lower edge of base section	1800 mm
Installation depth	1320|1630 mm
Required access area, length	3720 mm
Length	3490 mm
Width	1670 mm
Packaging dimension: length	5024 mm
Packaging dimension: width	2870 mm
Packaging dimension: height	1960 mm
Height of discharge connection	1310 mm

Tank/drain body

Pressure pipe connection (DN)	100
Pressure pipe connection (OD)	110 mm
Distance pipe bottom inlet to tank bottom	1250 mm
Inlet nominal size (OD)	160 mm
Inlet nominal size (DN)	150
Number of inlets	1
Clear width of entry (LW)	600 mm

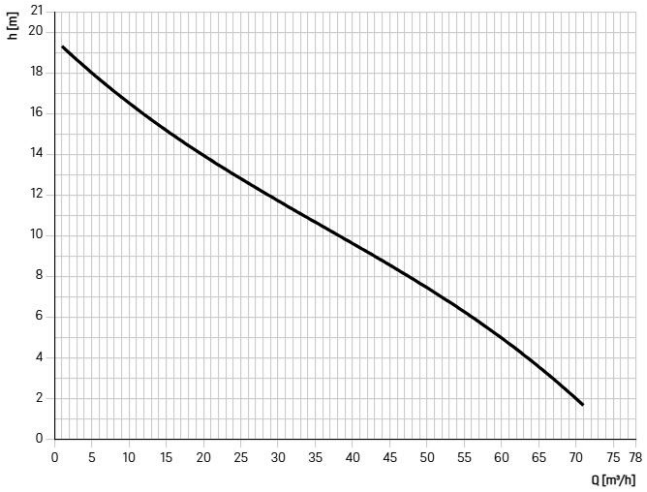
Coverage features

Type of cover	Cover plate
Cover material	Grey iron
Colour of cover	black
Locking	Lock & Lift
Load class	D 400 (EN 124)

Pumping device

Pump	GTK 2600
Number of pumps	2
Weight, pump	40 kg
Connection type	Direct connection
Protection class	I
Insulation class	H
Cos phi - power factor	0.81
Protection class (pump)	IP 68 (20m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	71 m³/h
Max. pumping height	19.6 m
Speed	2900 U/min
Power P1	2.6 kW
Power P2	2.1 kW
Operating mode	S1
Type of pump connection cable	H07RN-F 7G 1.5 mm²
Impeller type	Single-vane impeller
Length of mains cable for pump	10 m
Rated current	4,5| 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	Level sensor
Ext. audible alarm	yes
Level measurement instrument	Level sensor
Type of level measurement	hydrostatic
SonicControl Option	yes
Filling Option	yes
USB interface	no
Connection type	Direct connection
Motor protection switch	yes

Separator contents	2285 l
Max. grease layer thickness	125 mm
Total volume	3285 l
Contents of sludge trap	1000 l
Storage quantity of grease	400 l