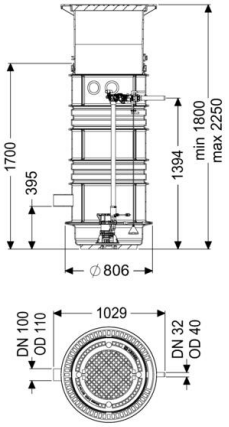
Data sheet

Pumping station Aquapump Medium Duo, GTF 600, 1800-2250 mm, D



Article information

article number: 824831D
EAN code: 4026092045206
Price group: 60

Product advantages

- Maximum safety
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

Description

The pumping station without sewage wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank is an LW 600 chamber system made of permanently resistant polymer (PE-LLD) with open pump tank and universal connection options. Quick-release closures enable the integrated components to be removed easily.

General features

Colour	black
Standard	EN 12050-2
Type of wastewater	without sewage
Installation situation	underground installation
Delivery state	Modular set for assembly on site
System type	Duo

Version

Type of system	duo pump
Passage seal for conduit pipe (DN)	100
Passage seal for ventilation pipe (DN)	100
Installation	Wet installation
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	horizontal
Chamber system	LW 600

Dimensions

Net weight	176 kg
Gross weight	183 kg
Groundwater resistant from lower edge of base section	2000 mm
Installation depth	1800|2250 mm
Type of height adjustability	vertically adjustable upper section
Length	806 mm
Width	806 mm
Packaging dimension: length	1200 mm
Packaging dimension: width	800 mm
Packaging dimension: height	2220 mm

Tank/drain body

Pressure pipe connection (DN)	32
Pressure pipe connection (OD)	40 mm
Connection conduit pipe (DN)	100
Venting connection (DN)	100
Distance from centre of outlet pipe to tank bottom	1394 mm
Distance pipe bottom inlet to tank bottom	400 mm
Distance from centre of inlet pipe to tank bottom	455 mm
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	1
Clear width of tank (LW)	600 mm
Clear width of entry (LW)	600 mm

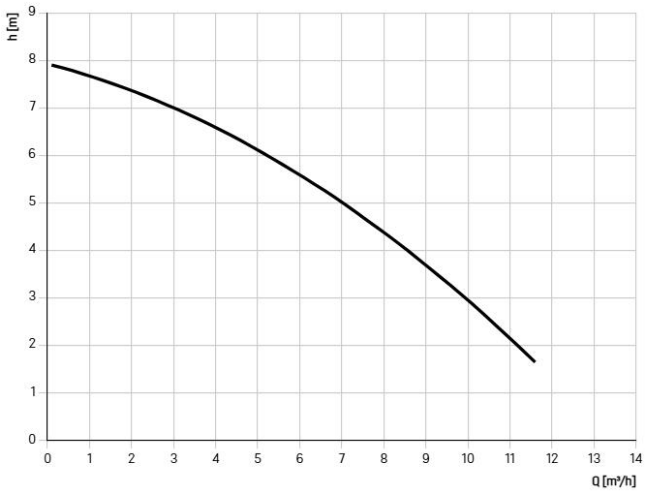
Coverage features

Type of cover	Round cover plate
Cover material	Grey iron with concrete filling
Colour of cover	black
Width of cover	680 mm
Height of cover	50 mm
Length of cover	680 mm
Locking	unlocked
Load class	D 400 (EN 124)

Pumping device

Pump	GTF 600
Number of pumps	2
Weight, pump	6 kg
Connection type	coded plug
Operating voltage	230 V
Protection class	I
Insulation class	F
Cos phi - power factor	0.91
Protection class (pump)	IP 68 (3m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	12 m³/h
Max. pumping height	8 m
Speed	2800 U/min
Power P1	0.65 kW
Power P2	0.4 kW
Operating mode	S1
Type of pump connection cable	H07RN-F 3G 1.5 mm²
Impeller type	Multi-vane impeller
Length of mains cable for pump	10 m
Rated current	2,9| A

Pumping capacity



Control

Control unit	Comfort
Alarm sensor	optical probe
Level measurement instrument	Submersible pressure switch
Type of level measurement	pneumatic
Protection class control unit	IP 54
Mains frequency	50 Hz
Operating voltage	230 V
Connection type	coded plug
Length of mains cable for control unit	1.4 m
Potential-free contact	optional
GSM interface	yes
USB interface	yes
Log book function	yes
Multi-line display	yes
Battery buffering	yes
Self-diagnosis system (SDS)	yes
Rated current	|