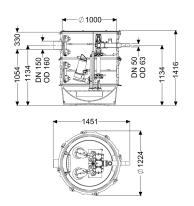


Pumping station Aquapump XL Duo, STZ 3700-S1





Article information

Item no.: 8743019 GTIN: 4026092075739 Price group: 60

Advantages

- Maximum safety
- Flexible installation
- Suitable for potentially explosive atmospheres

Description

The pumping station for wastewater with and without sewage is equipped with one or two submersible pumps, a backflow preventer and a shut-off valve for the pressure pipe. The collection tank made of permanently resistant polymer (PE) has an open pump tank (wet installation) with universal connection options. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface. The KESSEL modular system provides different engineering chamber options as accessories for the further layout. Stainless steel pump removal chain available as accessory. Art. no. 680 528 = length 2 m 680 529 = length 3 m 680 530 = length 4 m 680 531 = length 5 m

Variant

Note on installation depth: Type of system: Shut-off valve: Passage seal for conduit pipe (DN): Access steps: Passage seal for ventilation pipe (DN): Installation: Pump control: Backflow preventer: Pressure pipe connection:

in combination with a chamber module duo pump Shut-off valve made of polymer 100 yes 100 Wet installation Control unit integrated horizontal

General characteristics



Colour:	black
Standard:	EN 12050-1
Type of wastewater:	with sewage
Installation situation:	underground installation
Delivery state:	Pre-mounted for final assembly on site (pumps and
	sensor system must be fitted on site and control
	unit must be connected)
System type:	Duo
-///	
Dimensions	
Net weight:	250 kg
Gross weight:	274 kg
Groundwater resistant from lower edge of base	3000 mm
section:	
Length:	1240 mm
Width:	1240 mm
Height:	1416 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height
	noight
Tank/drain body	
Pressure pipe connection (DN):	50
Pressure pipe connection (OD):	63 mm
Distance from centre of outlet pipe to tank	1134 mm
bottom:	
Distance pipe bottom inlet to tank bottom:	1054 mm
Distance from centre of inlet pipe to tank	1134 mm
bottom:	
Distance from inlet pipe invert to top of tank:	330 mm
Inlet max. scoring (DN):	150 mm
Inlet nominal size (OD):	160 mm
Inlet nominal size (DN):	150 mm
Number of inlets:	1
Clear width of tank (LW):	1000 mm
Pumping volume:	300 l
Pumping device	077 0700
Pump:	STZ 3700
Number of pumps:	2
Weight, pump:	44 kg
Connection type:	Direct connection
Operating voltage:	400 V
Protection class:	
Insulation class:	H
Cos phi - power factor:	0,82
Protection class (pump):	IP 68 (20m)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed	40 °C
material:	



Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P2: Operating mode: Type of pump connection cable: Impeller type: Length of mains cable for pump: Rated current:

Control Control unit: Motor protection switch: Alarm sensor: Level measurement instrument: Type of level measurement: Protection class control unit: Mains frequency: Operating voltage: Connection type: Potential-free contact: GSM interface: Log book function: Multi-line display: Battery buffering: Self-diagnosis system (SDS):

28 m³/h 35 m 2900 U/min 3,7 kW 3,1 kW S1 H07RN8-F 6G 1.5 mm² Macerator 10 m 6,4 A Comfort

yes Level sensor Level sensor hydrostatic IP 54 50 Hz 400 V Direct connection yes yes yes yes yes yes