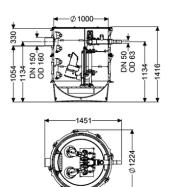


Pumping station Aquapump XL Duo, STZ 2500-S1, ATEX





Article information

Item no.: 8743018 GTIN: 4026092075722 Price group: 60

Advantages

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

Description

The pumping station with ATEX approval 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: Rim width: Backwater protection: 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



O al a um	black.
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:	240 kg
Gross weight:	263 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
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
Number of inlets:	150 mm
Inlet nominal size (DN):	160 mm
Inlet nominal size (DN):	150 mm
Inlet type:	1
Clear width of tank (LW):	' 1000 mm
	300 l
Pumping volume:	3001
Pumping device	
Pump control:	STZ 2500
Number of pumps:	2
Weight:	33 kg
Connection type:	Direct connection
Rated current:	4,4 A
Length of mains cable for pump:	10 m
Self-diagnosis system (SDS):	
Insulation class:	Н
Cos phi - power factor:	0,83
Protection class control unit:	IP 68 (20m)
DSC:	integrated



Max. temperature (permanent) of conveyed material: Max. pumping capacity: Max. pumping height: Speed: Power P1: Power P2: Operating mode: Type of pump connection cable: Impeller type:

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

40 °C

21 m³/h 33 m 2900 U/min 2,5 kW 1,9 kW S1 H07RN8-F 6G 1.5 mm² Macerator Comfort yes Level sensor Level sensor hydrostatic IP 54 50 Hz 400 V **Direct connection** yes

yes yes yes yes yes 4,4 A