

Pumping station Aquapump Medium Mono, STZ 1000, 800-1250 mm, D

Article information

Item no.: 827710D
GTIN: 4026092052051
Price group: 60

Advantages

- height-adjustable upper section
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

Description

The pumping station with 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.

Variant

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| Type of system: | Single unit |
| Passage seal for conduit pipe (DN): | 100 |
| Access steps: | no |
| Passage seal for ventilation pipe (DN): | 100 |
| Installation: | Wet installation |
| Pump control: | Float switch |
| Backflow preventer: | integrated |
| Pressure pipe connection: | horizontal |
| Chamber system: | LW 600 |

General characteristics

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|-------------------------|--|
| Standard: | EN 12050-2, EN 12050-2 as well as EN 12050-1 (without ATEX requirements) |
| Type of wastewater: | for wastewater with or without sewage (in installation situations without ATEX requirements) |
| Installation situation: | underground installation |
| System type: | Mono |
| ATEX: | no |

Dimensions

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|---------------|--------|
| Net weight: | 152 kg |
| Gross weight: | 164 kg |

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| Groundwater resistant from lower edge of base section: | 2500 mm |
| Diameter: | 809 mm |
| Clear width (LW): | 600 mm |
| Installation depth: | 800 - 1250 mm |
| Length: | 1000 mm |
| Width: | 806 mm |
| Packaging dimension: | length |
| Packaging dimension: | width |
| Packaging dimension: | height |

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| 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: | 482 mm |
| Distance pipe bottom inlet to tank bottom: | 400 mm |
| Distance from centre of inlet pipe to tank bottom: | 475 mm |
| Inlet nominal size (DN): | 150 mm |
| Number of inlets: | 1 |
| Clear width of tank (LW): | 600 mm |
| Pumping volume: | 30 l |

Coverage features

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| Type of cover: | Round cover plate |
| Cover material: | Grey iron with concrete filling |
| Load class: | D 400 (EN 124) |

Pumping device

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|--|--------------------------------|
| Pump: | STZ 1000 |
| Number of pumps: | 1 |
| Weight, pump: | 10 kg |
| Connection type: | Schuko (earthed contact) 2-pin |
| Rated current: | 5,2 A |
| Protection class: | I |
| Insulation class: | F |
| Protection class (pump): | IP 68 (3m) |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 11,5 m ³ /h |
| Max. pumping height: | 10 m |
| Speed: | 2800 U/min |
| Power P1: | 1,2 kW |
| Power P2: | 0,69 kW |
| Operating mode: | S3 - 50 % |
| Type of fuse required (electrical protection): | C 16 A |
| Impeller type: | Macerator |

Length of mains cable for pump: 10 m

Control

Motor protection switch: yes
Alarm sensor: optical probe
Level measurement instrument: Float switch
Type of level measurement: mechanical
Mains frequency: 50 Hz
Operating voltage: 230 V
Connection type: Schuko (earthed contact) 2-pin
Type of fuse required (electrical protection): C 16 A