

Pumping station Aquapump Medium Duo, STZ 1000, 1300-1750 mm, A



Article information

Item no.: 826721A
GTIN: 4026092077658
Price group: 60

Advantages

- height-adjustable upper section

Description

The pumping station for faecal wastewater is suitable for underground installation and is equipped with a non-return flap for the pressure pipe. The PE-LLD tank is resistant to aggressive media and can be delivered with load class A, B or D covers. The pump with macerator ensures maximum operating reliability. The components are pre-assembled for final assembly on site. Including openings for ventilation and cable duct.

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| Type of wastewater: | wastewater with and without sewage |
| Installation situation: | underground installation |

Version:

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|---|-------------------|
| Type of system: | Twin pump station |
| Installation: | Wet installation |
| Pump control: | Control unit |
| Backflow preventer: | integrated |
| Access steps: | no |
| Passage seal for ventilation pipe (DN): | 100 mm |
| Passage seal for conduit pipe (DN): | 100 mm |

General characteristics:

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| Standard: | EN 12050-1 |
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Dimensions:

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| Length: | 1,000 mm |
| Width: | 806 mm |
| Diameter: | 809 mm |
| Clear width (LW): | 600 |

Tank:

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| Number of inlets: | 1 ST |
| Inlet nominal size (DN): | 150 |
| Distance pipe bottom inlet to tank bottom: | 400 mm |
| Distance from centre of outlet pipe to tank bottom: | 894 mm |
| Distance from centre of inlet pipe to tank bottom: | 475 mm |
| Connection conduit pipe (DN): | 100 mm |
| Pumping volume: | 30 l |
| Pressure pipe connection: | horizontal |
| Pressure pipe connection (DN): | 32 mm |
| Pressure pipe connection (OD): | 40 mm |
| Installation depth: | 1,300 - 1,750 mm |
| Venting connection (DN): | 100 mm |
| Groundwater resistant from lower edge of base section: | 2,500 mm |
| Clear width of tank (LW): | 600 mm |
| Chamber system: | LW 600 |

Coverage features:

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| Type of cover: | Round cover plate |
| Load class: | A 15 (EN 124) |

Pumping device:

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| Pump: | STZ 1000 |
| Number of pumps: | 2 |
| Max. pumping capacity: | 11.5 m ³ /h |
| Max. pumping height: | 10 m |
| Operating voltage: | 230 V |
| Mains frequency: | 50 Hz |
| Operating mode: | S3 - 50 % |
| Power P1: | 1.2 kW |
| Power P2: | 0.69 kW |
| Speed: | 2,800 U/min |
| Type of fuse required (electrical protection): | C 16 A |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Connection type: | Schuko (earthed contact) 2-pin |
| Weight: | 10 kg |
| Impeller type: | Macerator |
| Length of mains cable for pump: | 10 m |
| Rated current: | 5.2 A |
| Protection class (pump): | IP 68 (3m) |

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| Protection class: | I |
| Insulation class: | F |

Control:

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|--------------------------------|-----------------------------|
| Control unit: | Comfort |
| Operating voltage: | 230 V |
| Mains frequency: | 50 Hz |
| Self-diagnosis system (SDS): | yes |
| Battery buffering: | yes |
| Multi-line display: | yes |
| Log book function: | yes |
| USB interface: | yes |
| GSM interface: | yes |
| Potential-free contact: | yes |
| Motor protection switch: | yes |
| Protection class control unit: | IP 54 |
| Type of level measurement: | pneumatic |
| Level measurement instrument: | Submersible pressure switch |
| Alarm sensor: | optical probe |