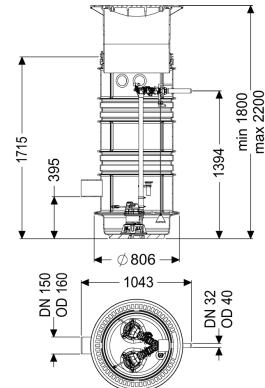


Pumping station Aquapump Medium Duo, STZ 1000, 1800-2250 mm, B



Article information

Item no.: 826731B
 GTIN: 4026092052204
 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

Type of system:	duo pump
Passage seal for conduit pipe (DN):	100
Access steps:	no
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

General characteristics

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: Duo

Dimensions

Net weight: 127 kg
 Gross weight: 139 kg
 Groundwater resistant from lower edge of base section:
 Diameter: 809 mm
 Clear width (LW): 600 mm
 Installation depth: 1800 - 2250 mm
 Length: 1000 mm
 Width: 806 mm
 Packaging dimension: length
 Packaging dimension: width
 Packaging dimension: height

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: 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

Type of cover: Round cover plate
 Load class: B 125 (EN 124)

Pumping device

Pump: STZ 1000
 Number of pumps: 2
 Weight, pump: 10 kg
 Connection type: Schuko (earthed contact) 2-pin
 Operating voltage: 230 V
 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 m³/h
 Max. pumping height: 10 m
 Speed: 2800 U/min

Power P1:	1,2 kW
Power P2:	0,69 kW
Operating mode:	S3 - 50 %
Impeller type:	Macerator
Length of mains cable for pump:	10 m
Rated current:	5,2 A

Control

Control unit:	Comfort
Control unit function:	With alarm message
Motor protection switch:	yes
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:	Schuko (earthed contact) 2-pin
Potential-free contact:	yes
GSM interface:	yes
USB interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Warning equipment version:	acoustic and optical signal
Type of fuse required (control unit):	C 16 A