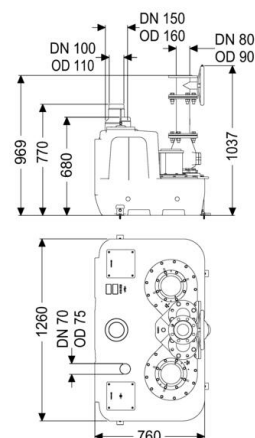


Data sheet

Lifting station Aqualift XL 300l Duo, SPF 5600, Cast-iron shut-off val.



Article information

article number: 11080

EAN code: 4026092057476

Price group: 50

Product advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit

Description

The lifting station for faecal and faecal-free wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) offers universal connection options and has a screwed access cover.

General features

Colour

black

Standard

EN 12050-1

Type of wastewater

with sewage

Installation situation

free-standing installation

Delivery state

Installation-ready (electrical components, connection parts must be connected on site)

System type

Duo

Version

Type of system

duo pump

Shut-off valve

Shut-off valve made of cast iron

Retaining bracket for the lift protection

yes

Sound absorption mat

yes

Pump control

Control unit

Backflow preventer

integrated

Pressure pipe connection

vertical

Dimensions

Net weight

248 kg

Gross weight

268 kg

Length

1260 mm

Width

889 mm

Height

1042 mm

Packaging dimension: length

1650 mm

Packaging dimension: width

1150 mm

Packaging dimension: height

890 mm

Tank/drain body

Pressure pipe connection (DN)	80
Pressure pipe connection (OD)	90 mm
Connection for manual diaphragm pump (DN)	32
Venting connection (DN)	70
Inlet max. scoring (DN)	200
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	1
Pumping volume	175 l
Tank volume	300.00 l

Pumping device

Pump	SPF 5600
Number of pumps	2
Weight, pump	38 kg
Connection type	Direct connection
Operating voltage	400 V
Mains frequency	50 Hz
Protection class	I
Insulation class	F
Protection class (pump)	IP 68 (3m/48h)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	60 m³/h
Max. pumping height	28 m
Speed	2800 U/min
Power P1	5.7 kW
Power P2	4.8 kW
Operating mode	S3 - 30 %
Type of pump connection cable	H07RN8-F 6G 1 mm²
Impeller type	Multi-vane impeller
Free passage	40 mm
Length of mains cable for pump	5 m
Rated current	9,1 A

Pumping capacity



Control

Control unit	Comfort
Operating voltage	400 V
Rated current (max.)	
Protection class control unit	IP 54
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	yes
Alarm sensor	Immersion pipe
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
Connection type	Direct connection
Length of mains cable for control unit	0 m
GSM interface	yes
Motor protection switch	yes