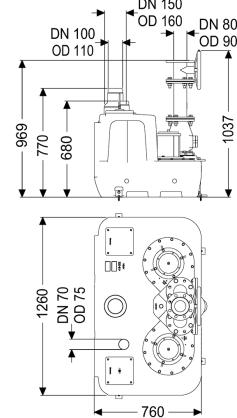


Lifting stati. Aqualift F XL 300l Duo, SPF 4500-S1, Cast-iron shut-off val.



Article information

Item no.: 11124
 GTIN: 4026092057919
 Price group: 50

Advantages

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

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.

Variant

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

General characteristics

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**

Dimensions

Net weight: 212 kg
 Gross weight: 232 kg
 Length: 1260 mm
 Width: 889 mm
 Height: 1042 mm
 Packaging dimension: length
 Packaging dimension: width
 Packaging dimension: height

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 mm
 Inlet nominal size (OD): 110 mm
 Inlet nominal size (DN): 100 mm
 Number of inlets: 1
 Pumping volume: 175 l
 Tank volume: 300 l

Pumping device

Pump: SPF 4500-S1
 Number of pumps: 2
 Weight, pump: 31 kg
 Connection type: Direct connection
 Operating voltage: 400 V
 Protection class: I
 Insulation class: F
 Cos phi - power factor: 0,88
 Protection class (pump): IP 68 (3m/48h)
 Temperature monitoring: integrated
 Max. temperature (permanent) of conveyed material: 40 °C
 Max. pumping capacity: 55 m³/h
 Max. pumping height: 20 m
 Speed: 2850 U/min
 Power P1: 4,2 kW
 Power P2: 3,5 kW
 Operating mode: S1
 Type of pump connection cable: HO7RN-F 7G 1.5 mm²
 Impeller type: Multi-vane impeller
 Free passage: 40 mm
 Length of mains cable for pump: 5 m
 Rated current: 7,5 A

Control

Control unit:	Comfort
Motor protection switch:	yes
Alarm sensor:	Immersion pipe
Level measurement instrument:	Immersion pipe
Type of level measurement:	pneumatic
Protection class control unit:	IP 54
Operating voltage:	400 V
Connection type:	Direct connection
Potential-free contact:	yes
GSM interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Type of fuse required (control unit):	3 x C 25 A