

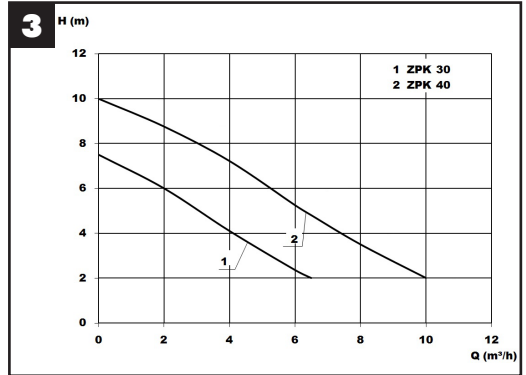
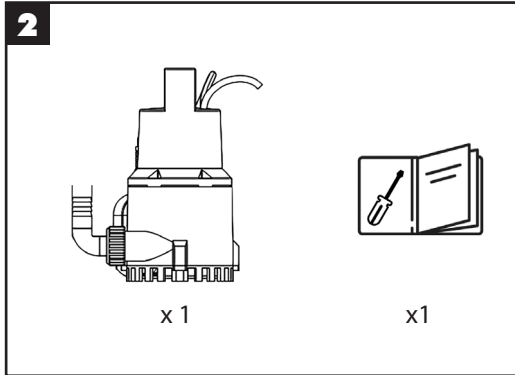
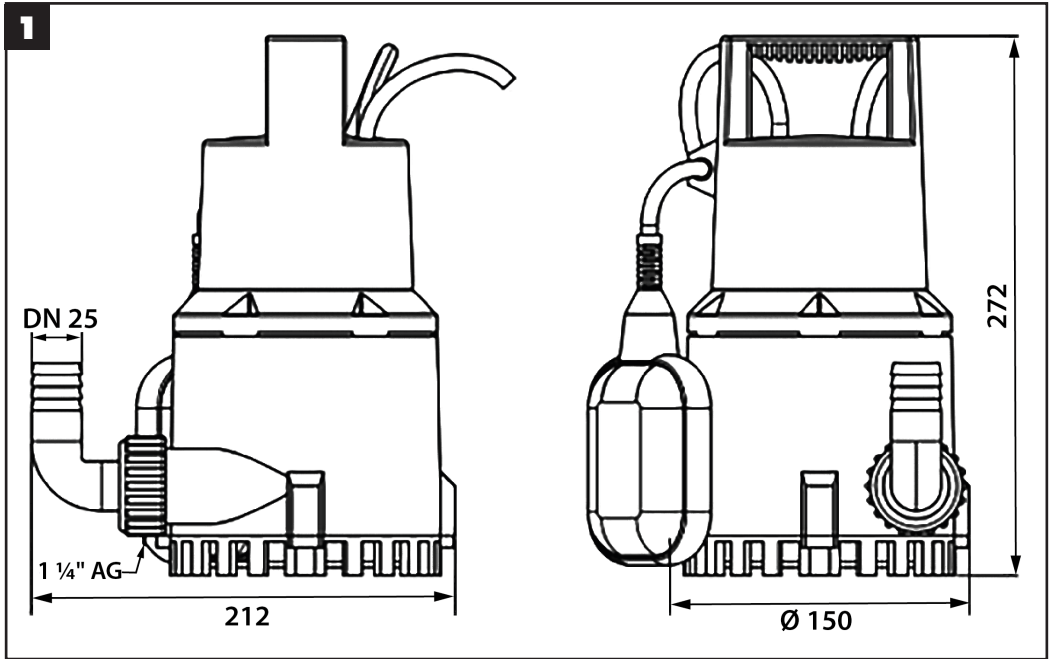
**9034**  
**01.2020**

# SFA

## **SANISUB ZPK** **SANISUB S ZPK**

- FR** Notice de service/montage
- EN** Operating/installation manual
- DE** Bedienungs-/Installationsanleitung
- ES** Manual de funcionamiento
- IT** Manuale per l'uso e l'installazione
- PT** Manual de instalação/utilização
- NL** Gebruikers-/installatiehandleiding
- SV** Bruksanvisning för service/installation
- NO** Serviceveiledning





## SANISUB ZPK / SANISUB S ZPK

**230 V**

**300 W / 850 W**

**50 Hz**

**$Q_{max} = 7,0 \text{ m}^3/\text{h} / 10 \text{ m}^3/\text{h}$**

**$H_{max} = 7,5 \text{ m} / 10 \text{ m}$**

**4,4 kg / 6,6 kg**

## 1. SAFETY

**WARNING**, This device can be used by children who are at least 8 years old and by people with reduced physical, sensory or mental capacities or those without knowledge or experience, if they are properly supervised or if they have been given instructions on safely using the device and the associated risks have been understood. Children should not play with the device. Children should not clean or perform maintenance on the device without supervision.

**ELECTRICAL CONNECTIONS** : The device's power supply must be connected to ground (class I) and protected by a high sensitivity differential circuit breaker (30 mA).

The connection must be used exclusively to provide the power to the product.

If the power cord is damaged, to prevent possible danger, it must be replaced by the manufacturer, customer service team or a similarly qualified individual.



**Disconnect the electrical supply before carrying out work on the unit!**

The installation and operation of your pump must comply with local standards.

## 2. AREA OF USAGE

**SANISUB ZPK** is suitable for conveying slightly contaminated water with suspended solids (no rocks) from private households or commercial use.

The size of suspended solids must not exceed 10 mm (**SANISUB ZPK 30**), or 30 mm (**SANISUB ZPK 40**). The pump must not be used to convey waste waters containing substances which attack or damage the pump's materials.

The pump is not approved for conveying waste waters containing faeces.

**SANISUB S ZPK** series pumps are suitable for salt water (sea water, water from water softeners, etc.)

## 3. LIST OF PARTS PROVIDED

See figure 2.

## 4. TECHNICAL DATA

	<b>ZPK 30</b>	<b>ZPK 40</b>
Power rating P1	300 W	850 W
Voltage	230 V	
Frequency	50 Hz	
Power input	1.3 A	3.7 A
Speed rotation	2800 rpm	
Max. discharge flow $Q_{max}$	7.0 m <sup>3</sup> /h	10.0 m <sup>3</sup> /h
Max. discharge height $H_{max}$	7.5 m	10 m
Max. liquid temperature	40 °C continuously 70°C short-term	
Discharge connection	G 1¼"	
Diameter	150 mm	
Total height	270 mm	345 mm
Supply cable	10 m	
Weight with cable	4.4 kg	6.6 kg
Max. submersion depth	5 m	
Minimum liquid level	120 mm	200 mm
Max. particle size	10 mm	30 mm
Float switch	Yes	
Length of the float cable	400 mm	

## Materials

Pump housing	Polypropylene (PP)
Motor housing	Polypropylene (PP)
Motor shaft	Stainless Steel
Bottom filter	Polyethylene (PE)
Motor casing	Stainless Steel
Impeller	PA 6
Float switch	Polypropylene (PP)
Screws	Stainless Steel
Mechanical seal	Carbon/Ceramics

This piece of equipment complies with the directives and European standards on electric safety and electromagnetic compatibility.

## 5. INSTALLATION



Prior to commissioning, check the pump for possible external damages (e.g. transport damages) in order to prevent accidents with electrical current.

If the pump shall be inserted into a pit or a duct, its dimensions must allow the float switch to move freely.

When the water level rises with the float floating to the top, so the pump will turn on and pump off the water until such a low water level has been achieved that the float turns off the pump again.

The heights required by the float to start and stop the pump can be changed by moving the float cable through its fixing eyelet.

The inlet screen must not be clogged by mud and/ or fibrous media.



Even an automatically operating device, such as a submersible pump, must not be operated for a long period of time without supervision.

**Note:** Place the pump in an initial water level of at least 120 mm (**SANISUB ZPK 30**), or 200 mm (**SANISUB ZPK 40**) to allow priming.

## 6. MAINTENANCE



**Disconnect the electrical supply before carrying out work on the unit!**

Maintenance consists of checking and cleaning the sieve :

- Turn over the pump
- Undo the screws
- Clean the sieve
- Reassemble sieve by following the opposite procedure.

## 7. MALFUNCTIONS: CAUSE AND TROUBLESHOOTING

Malfunction	Cause	Troubleshooting
1. Motor does not rotate	<ul style="list-style-type: none"> <li>- Supply voltage missing or wrong</li> <li>- Faulty connection</li> <li>- Defective power cable</li> <li>- Impeller blocked</li> <li>- Activated motor protection (overheating, blockage, voltage error or other defect)</li> <li>- Float suspended</li> <li>- Motor defective</li> </ul>	<ul style="list-style-type: none"> <li>- Check power supply</li> <li>- Correct connection</li> <li>- Replacement (Customer service)</li> <li>- Clean</li> <li>- Check, inform customerservice</li> <li>- Change the position of the pump</li> <li>-Replacement (Customer service)</li> </ul>
2. Motor rotates, but does not convey	<ul style="list-style-type: none"> <li>- Impeller clogged or worn</li> <li>- Discharge pipe clogged/hose kinked</li> <li>- Sieve clogged</li> </ul>	<ul style="list-style-type: none"> <li>- Clean/Replace</li> <li>- Clean/Remove kinks</li> <li>- Clean</li> </ul>
3. Feed volume too low	<ul style="list-style-type: none"> <li>- Pump not properly ventilated (air bubble int the housing)</li> <li>- Discharge pipe dimensioned too small</li> </ul>	<ul style="list-style-type: none"> <li>- Remove air by tilting the pump</li> <li>- Min. diameter of 25mm</li> </ul>
4. The pump stops too quickly	<ul style="list-style-type: none"> <li>- Water too dirty</li> <li>- Pump blocked</li> <li>- Thermal protection on</li> </ul>	<ul style="list-style-type: none"> <li>- Unplug and clean</li> <li>- Unplug and cleanr</li> <li>- Check the water temperature (see 4. Technical data)</li> </ul>

## 8. GUARANTEE

**SANISUB ZPK** is guaranteed for 2 years for parts and labour, subject to correct installation and use of the unit.

[www.sfa.biz](http://www.sfa.biz)

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