

## **Stainless Steel Submersible Pump for Household Water Supply**

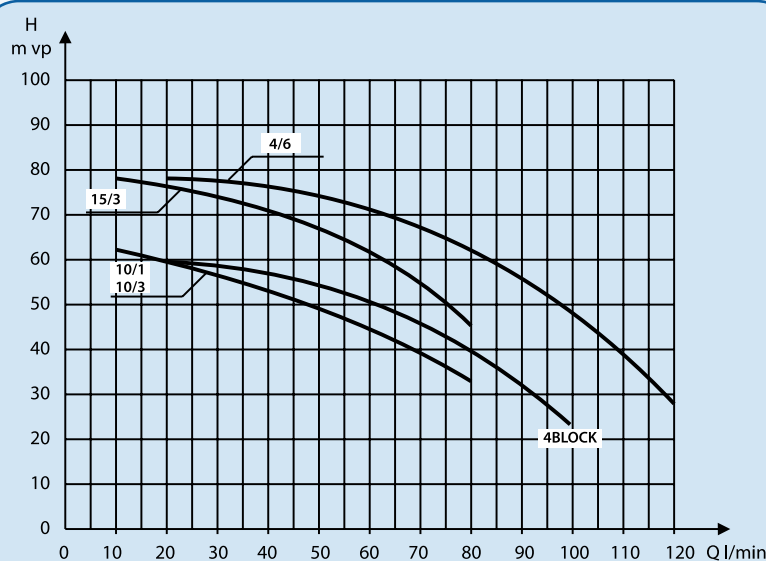
**Multi-stage submersible pumps  
suitable for use with clean water  
in domestic, civil and agricultural  
applications**

**WatMan  
Quarantee**

The pump is for fixed installation,  
supplied with single or three-phase motor.  
Contains standard length cable suitable for drinking  
water. See technical chart

- water supply systems
- pressure systems
- irrigation pumps
- quick and easy to install
- no separate space for the pump is required
- the pump does not freeze
- no sound is heard
- good water yield

### **Performance curves**



## Structure

The pump is a multistage centrifugal pump. The pump housing, motor housing and strainer of SAUKKO submersible pump are made of stainless steel. Impellers and guide vanes are made of special fibreglass reinforced plastic. The axis is made of acid proof steel. The electric motor is designed for submerge. Protection class IP 68. Other cable lengths available on request.

## Installation

SAUKKO pumps are installed vertically, the entire pump is submerged. Water maximum temperature + 40 °C. The pump must be blocked of access to sand and other solid contaminants. Maximum sand content 150 g /m³. Do not lift the pump by the cable. 3 mm stainless steel wire is recommended for lifting.

## Accessories for the installation

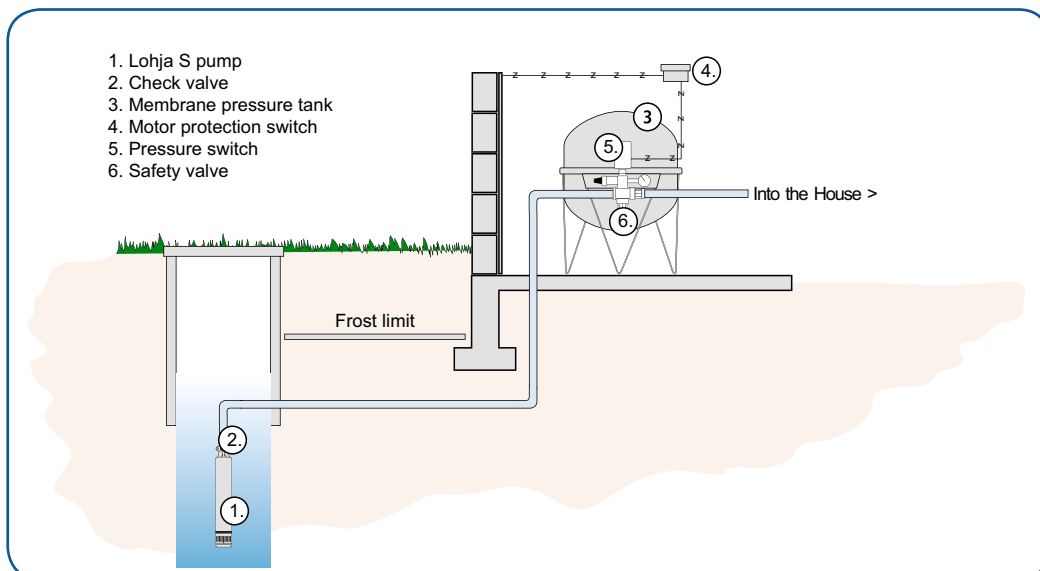
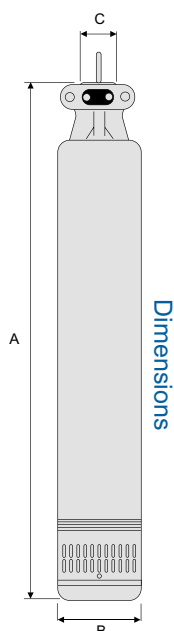
- Complete pressure vessel kit 25 or 50 l

The factory assembled Complete pressure vessel kit contains all water pressure equipment: stainless steel membrane pressure tank, rack, adjustable pressure switch, pressure gauge and safety valve and flexible hoses (not in 25 l Complete pressure vessel kit)

- Pipe and fittings (not included in Complete pressure vessel kit)
- Lifting wire Ø 3 mm
- Cable of non-standard length



Complete pressure vessel kit 50/6 KPSV



## Technical Specifications:

Type	LVI-CODE	Motor power kW	Voltage V	Rated current A	Maximum lift. m	Cable length m	Ø B mm	A mm	C	Check valve
Lohja S 4 block m4/9	4761090	0,75	230	6,0	56	20	100	743	R 1 1/4"	No
Lohja S 10/1 A	4761080	0,75	230	6,2	61	20	135	543	R 1 1/4"	No
Lohja S 10/3	4761082	0,75	400	2,3	61	20	135	543	R 1 1/4"	No
Lohja S 15/3	4761084	1,1	400	2,9	79	20	135	570	R 1 1/4"	No
Lohja S 4/6	4761096	1,5	400	3,2	78	20	135	617	R 1 1/4"	No

**ATTENTION!** When Installing always protect three-phase pumps by using motor protection switch to avoid phase failures.

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