



*You'll never work alone!*



**SPT 215 – SPT 315**  
**SPT 222 – SPT 322**  
**SPT 237 – SPT 437**  
**SPT 355 – SPT 455**

**SPT 475 – SPT 675**  
**SPT 4110 – SPT 6110**  
**SPT 4150 – SPT 6150**

Tauchpumpe	Originalbetriebsanleitung	7	DE
Submersible pump	Translation of the original operating instructions	25	EN
Pompe submersible	Traduction du mode d'emploi d'origine	43	FR
Dompelpomp	Vertaling van de originele gebruiksaanwijzing	61	NL
Pompa a immersione	Traduzione delle istruzioni per l'uso originali	79	IT
Dykpumpe	Oversættelse af den originale driftsvejledning	97	DA
Uppopumppu	Alkuperäinen käyttöopas	115	FI
Nedsenkbar pumpe	Oversettelse av original bruksanvisning	133	NO
Dränkbar pump	Översättning av originalbruksanvisningen	151	SV
Bomba sumergible	Traducción de las instrucciones de uso originales	169	ES
Bomba submersível	Tradução do manual de instruções original	187	PT
Потопяема помпа	Оригинално ръководство за експлоатация	205	BG
Pompa głębinowa	Oryginalna instrukcja eksploatacji	223	PL
Búvárszivattyú	Eredeti üzemeltetési utasítás	241	HU
Ponorné čerpadlo	Původní návod k obsluze	259	CZ



## English

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### 1 Notes on these instructions

Thank you for choosing a submersible pump from SPT.

These operating instructions are intended to help you become familiar with the pump and to ensure full functional benefit from its performance.

Please read these instructions carefully before using the submersible pump for the first time. Keep the instructions for future reference.

You will find a list of spare parts with the corresponding order numbers on our website:

[www.spt-pumpen.de](http://www.spt-pumpen.de)

#### 1.1 Target group

These operating instructions are intended for the following target groups:

- Instructed operating personnel for set-up, operation and cleaning
- Instructed maintenance personnel

#### 1.2 Presentation of information

To enable you to work quickly and safely with these instructions, uniform formatting, figures, symbols, safety instructions (see chapter 2), terms and abbreviations are used.

- ▶ Instructions for action are indicated by an arrow.
- Enumerations are marked by a bullet point.

#### NOTE

Here you will find information on how to avoid potential damage to property.

#### INFORMATION

Here you will find helpful information on the product in general or on handling.

### 1.3 Liability

The manufacturer accepts no liability for damage and malfunctions caused by non-compliance with the operating instructions.

### 1.4 Warranty terms

For this pump we offer a warranty of 12 months. The proof of purchase is considered the warranty certificate.

The warranty expires if damage is due to improper use, modifications to the pump attempted or performed by third parties or if the pump has been used for purposes other than its intended use.

### 1.5 Validity of the instructions

These operating instructions are valid for pumps of the following series:

- SPT 215 – SPT 322

## 2 Safety

### 2.1 Introduction

The key prerequisite for safe handling and trouble-free operation of the pump is knowledge of the basic safety instructions and industrial safety regulations.

The operating instructions must be read, understood and observed by all persons responsible for operation or maintenance of the pump. For this reason, they must always be kept at the place where the pump is used. The local safety and accident prevention regulations and the "Safety" chapter must be strictly observed.

#### 2.1.1 Retention of documents

These operating instructions must be kept at hand at all times for all persons working with the pump.

#### 2.1.2 Structure of the warning information

The warning notes in these operating instructions are structured according to a uniform scheme. They indicate residual hazards that can cause personal injury or damage to property.

#### General structure

##### SIGNAL WORD

Warning symbol

##### **Nature and source of the hazard**

Consequences of non-compliance

- ▶ Measures for hazard prevention

The following applies:

**Warning symbol:** represents the type of hazard symbolically (see chapter 2.1.3)

**Signal word:** indicates the severity of the hazard

### Overview of signal words

#### DANGER

Indicates an immediately hazardous situation which, if not avoided, will result in death or serious injury

#### WARNING

Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury

#### CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or mild injury

### 2.1.3 Warning symbols used

The following list explains the symbols used in these instructions.



Warning of risk of injury or damage to property



Warning of electrical voltage

## 2.2 Scope of application

### 2.2.1 Intended use

The submersible pump is designed for use on construction sites to pump contaminated water.

The submersible pump is only designed for the following media:

- polluted water with a solids content of max. 20 %
- Liquid temperature: max. 40 °C (special versions on request)



The pump must not be used for pumping flammable liquids. It must not be used in environments where there is a risk of fire or explosion.

The pump must not be used for pumping faecal sewage.

The pump may only be switched on if there are no persons in the water.

Intended use also includes:

- ▶ Reading and understanding safety instructions
- ▶ Observing operating and maintenance instructions
- ▶ Complying with inspection and maintenance conditions

### 2.2.2 Reasonably foreseeable misuse

Misuse can lead to hazards and damage to the pump.

- ▶ All applications other than those described above are prohibited.
- ▶ The pump must not be switched on if there are persons in the water.

### 2.2.3 Subsequently installed components

For subsequently integrated components and conversions, the operator must carry out an appropriate assessment of the hazards.

## 2.3 Requirements for operators and personnel

### 2.3.1 Obligations of the operator

The operator of the pump must ensure that

- commissioning and operation are only performed by trained personnel.
- these operating instructions are always available. They are an integral part of the product.
- the operating instructions and in particular the safety instructions have been read and understood prior to operation, maintenance and repair by the personnel entrusted with such work.

- the operating personnel is familiar with the basic regulations on occupational health and safety and accident prevention.
- the permissible operating conditions are complied with.
- through a risk assessment any other hazards that may arise as a result of special working conditions at the place where the pump is used are identified.
- in case of replacement only original parts, parts approved by the manufacturer or parts with appropriate specifications are used. Other spare parts may only be used upon consultation with the manufacturer.
- the pump is only operated in perfect, reliable condition. The technical condition must at all times comply with the country-specific legal requirements and regulations.
- the pump is only used for its intended purpose.
- all safety regulations are complied with.
- all maintenance tasks are carried out in a timely and professional manner by qualified personnel only.

### 2.3.2 Instruction of the personnel

The personnel must be thoroughly instructed on the following before operating the pump:

- professional use of the pump
- potential risks of accidents and measures to prevent them

The operator must ensure that the instruction is repeated at appropriate intervals.

### 2.3.3 Qualification of the personnel

Commissioning, handling, operation, servicing and maintenance of the pump require basic specialist knowledge as well as knowledge of the associated technical terms. In order to ensure operational safety, these activities must only be carried out by a qualified and authorised specialist who has received specific safety-related instructions or by an instructed person under the supervision of a specialist.

#### Qualified personnel

A specialist is defined as a person who is able to carry out operating and maintenance tasks in a professional manner based on their professional training.

The specialist is a person who is able to assess the work assigned to them and recognise potential hazards on the basis of their technical training, knowledge and experience as well as knowledge of the relevant standards and regulations.

The specialist is familiar with the contents of these operating instructions and all other applicable documents and has read and understood them.

#### Instructed personnel

An instructed person is a person who has been adequately informed and trained with regard to the tasks assigned to them and the potential risks of improper behaviour. An instructed person is familiar with the necessary protective equipment, protective measures, relevant rules and regulations and accident prevention regulations, has been instructed in terms of operating conditions and has furnished proof of their qualification.

#### NOTE

Instructed personnel must always be instructed by at least one specialist.

### 2.4 Personal protective equipment

Personal protective equipment protects you from injury.

- ▶ Wear safety shoes.
- ▶ When working on the pump, wear work clothing and protective gloves if necessary.

### 2.5 Safety devices

Safety devices such as protective covers serve to protect you from injuries at danger points.

- ▶ Operate the pump only with intact and functioning safety devices. Before switching on, check that all safety devices are in place. After completion of maintenance work, reinstall all safety devices.
- ▶ Only remove protective covers when the pump is at a standstill. Secure the pump against being accidentally switched on.

### 2.6 Safety in general handling of the pump

#### 2.6.1 Prevention of accidents

Legal and internal accident prevention regulations can prevent injuries. Observe the applicable local regulations.

#### 2.6.2 Safe workplace

A safe workplace is a prerequisite for safe and ergonomic working.

- ▶ Always keep the workplace clean.
- ▶ Supply lines must be laid in such a way that they do not present a risk of tripping.
- ▶ Ensure good lighting during work.

## 2.6.3 The five safety rules

Observe the five safety rules (according to DIN VDE 0105-100:2015-10) during all work on electrical components. These are:

- Switch off / disconnect
- Secure against accidental switch-on
- Check / make sure that all poles are voltage-free
- Ground and short-circuit
- Cover adjacent live parts

## 2.6.4 Behaviour in case of an emergency

An emergency exists when you notice an unexpected risk or hazard. An unexpected risk or hazard is present, for example, in case of:

- severe injuries (e.g. electric shock, falls)
- serious hazards (e.g. fire)

If you identify a risk or hazard, you must act quickly.

- ▶ Cancel the operation.
- ▶ Warn other workers.
- ▶ Alert the emergency services.
- ▶ If necessary, take the pump out of operation.

## 2.7 Residual hazards

Despite safe design and technical protective equipment, unavoidable, non-obvious residual hazards remain.

- ▶ Observe all safety instructions in these operating instructions to prevent residual hazards.

### 2.7.1 Noise

The manufacturer guarantees that a new pump supplied directly from the factory will produce a maximum noise level (air) of 70 dB (A) under normal operating conditions.

### 2.7.2 Risk of electric shock



Contact with live parts may result in fatal electric shock.

- ▶ Only trained specialist personnel must perform work on the electrical supply.
- ▶ Switch off the pump before starting any work and secure it against accidental switch-on. Only carry out work on the pump when it is in de-energised condition.
- ▶ Loose connections, melted or burnt cables must be replaced immediately.
- ▶ Do not crush or pinch cables.

### 2.7.3 Risk of leaking lubricant

Lubricant might flow out of the pump and contaminate the water.





### 3 Function description

#### 3.1 Scope of application

The pump is designed for pumping different types of media. It is suitable for use under extreme operating conditions, e.g. in the construction industry, for waste water, etc.

If in doubt, contact SPT or an authorised distribution partner for the correct pump selection.

#### 3.2 Structure of the pump

##### 3.2.1 Overview

See Fig. Pumps, page 277.

Item	Description
1	LM fixed coupling
2	Handle
3	Oil filler plug
4	Pump head
5	Rotor
6	Stator
7	Motor housing
8	Oil filler plug
9	Bearing housing
10	Pump housing
11	Impeller
12	Inlet screen

## 4 Transport and set-up

### 4.1 Transport

**WARNING**



**Risk of overturning of the pump**

- ▶ Place the pump on a stable surface.
- ▶ Secure the pump against falling over or rolling away.

**WARNING**



**Risk of injury due to breaking of the carrying handles**

- ▶ Before lifting the pump, check the carrying handle for wear and damage.

The pump can be transported vertically or horizontally.

Always use the handle to transport the pump. Do not lift the pump by the motor cable or hose.

### 4.2 Set-up

**DANGER**



**Danger of death by electric shock**

- ▶ When working on the pump, comply with legal regulations.
- ▶ Work on electrical components must be performed by qualified electricians only.
- ▶ Disconnect the pump and, if necessary, the system from the power source before working on the electrical components.

### 4.3 Storage

The pump can be stored vertically or horizontally.

- ▶ Secure the pump against accidental rolling.
- ▶ Place the pump on a stable surface so that it does not fall over.

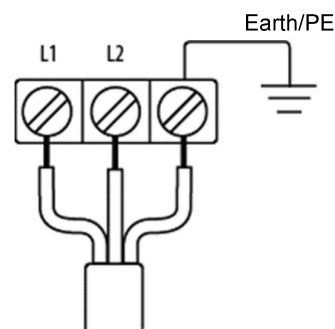
If the pump is to be stored for a longer period of time, choose a clean and dry place (relative humidity <40 %).

After prolonged storage, check the pump as follows:

- ▶ Turn the impeller by hand.
- ▶ Check the seals and cable entries.

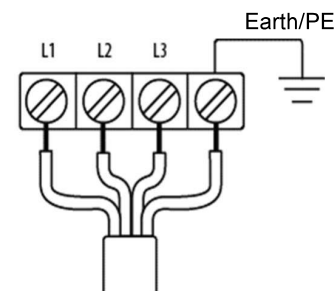
### 4.4 Electrical connection

#### 230 V



L1	Brown	Earth/PE	Yellow/Green
L2 (N)	Blue		

#### 400 V



L1	Brown	L3	Grey
L2	Black	Earth/PE	Yellow/Green

## 5 Commissioning and operation

### DANGER



#### Danger of death by electric shock

There is imminent danger in case of contact with live parts – even in the event of a fault.

- ▶ The pump must not be used if there are persons in the water.

### WARNING



#### Risk of crushing or drawing in at the rotor

#### Danger of cutting injuries when reaching into the impeller

- ▶ Only start up the pump if all safety devices are properly installed and operational.

### WARNING



#### Risk of overturning of the pump

- ▶ Place the pump on a stable surface.
- ▶ Secure the pump against falling over or rolling away.

### CAUTION



#### Hazard due to start-up jerk after switch-on

The impact when switching on can be extremely strong.

- ▶ Never hold the handle when switching on the pump.
- ▶ Place the pump on a stable surface to prevent it from sliding or shifting.

### CAUTION



#### Hazard due to splashing liquids under high pressure

- ▶ In case of leaks or damaged components, switch off the pump and secure it against continued operation.

### 5.1 Installation of the pump

1. Connect the pressure line.
2. Connect the power cable.

The pump can be suspended by the handle and positioned slightly above the ground. Depending on the pump capacity, a possibly high start-up jerk of the pump must be observed here!

### 5.2 Check direction of rotation

The correct direction of rotation of the pump is given when the start-up jerk is in counter-clockwise direction (as seen from above).



If the direction of rotation is wrong, two of the phases must be reversed (400 V) (have this work done by a qualified electrician).

## 6 Maintenance and repair

### DANGER



#### **Danger of death by electric shock**

There is imminent danger in case of contact with live parts – even in the event of a fault.

- ▶ The pump must not be used if there are persons in the water.
- ▶ When working on the pump, comply with legal regulations.
- ▶ Work on electrical components must be performed by qualified electricians only.
- ▶ Disconnect the pump and, if necessary, the system from the power source before working on the electrical components.

### WARNING



#### **Risk of crushing or drawing in at the rotor**

#### **Danger of cutting injuries when reaching into the impeller**

- ▶ Disconnect the pump from the power source before carrying out any maintenance work.
- ▶ Secure the pump against accidental switch-on.

### WARNING



#### **Risk of overturning of the pump**

- ▶ Place the pump on a stable surface.
- ▶ Secure the pump against falling over or rolling away.

### WARNING



#### **Risk of injury due to breaking of the carrying handles**

- ▶ Before lifting the pump, check the carrying handle for wear and damage.

### CAUTION



#### **Hazard due to start-up jerk after switch-on**

- ▶ Disconnect the pump from the power source before carrying out any maintenance work.
- ▶ Secure the pump against accidental switch-on.

### CAUTION



#### **Risk of cutting injuries at sharp edges**

- Worn impellers often have very sharp edges.
- ▶ Wear protective gloves when mounting and dismantling the impeller.

### CAUTION



#### **Hazard due to splashing oil**

- The oil inside the housing may still be under pressure and splash out when the oil filler plug is opened.
- ▶ When loosening the oil filler plug, hold a cloth over the oil housing to prevent splashing.

Regular inspections and preventive maintenance ensure reliable and safe operation. Inspect the pump at least every six months.

Maintenance and repair work must only be carried out by trained specialist personnel in accordance with the maintenance schedule.

Any work on the electrical equipment of the pump must only be carried out by qualified electricians.

For major maintenance and inspections, you can contact an authorised SPT dealer or workshop.

Carry out maintenance and repair work only with the pump switched off. Observe the accident prevention regulations.

## 7 Decommissioning

### DANGER



#### Danger of death by electric shock

- ▶ When working on the pump, comply with legal regulations.
- ▶ Work on electrical components must be performed by qualified electricians only.
- ▶ Disconnect the pump and, if necessary, the system from the power source before working on the electrical components.

### CAUTION



#### Hazard due to splashing oil

The oil inside the housing may still be under pressure and splash out when the oil filler plug is opened.

- ▶ When loosening the oil filler plug, hold a cloth over the oil housing to prevent splashing.

The pump must only be taken out of operation by qualified persons in compliance with the safety instructions. Make sure that only authorised persons are present in the working area of the pump.

### 7.1 Decommissioning

Turn off the pump for temporary shutdown.

### 7.2 Final decommissioning

For final decommissioning, secure the pump against accidental switch-on in addition to the points specified above.

Finally, disconnect the power supply by pulling the mains plug.

## 8 Recycling and disposal

### 8.1 Packing material

For shipping, components were packed in accordance with the transport conditions. Therefore, the packaging should be collected and disposed of after use, separately according to materials. Recycling shall be preferred to disposal for the purpose of waste avoidance.

### 8.2 Pump



Pumps that have reached the end of their technical service life can be returned to Söndgerath or other contractors.

If you do not return the pump, dispose of it in accordance with current environmental regulations.

### NOTE



Lubricants must be transported and disposed of in an environmentally friendly manner.

Comply with local laws and regulations.

## 9 Troubleshooting

**⚠ WARNING**



**Risk of crushing or drawing in at the rotor**

**Danger of cutting injuries when reaching into the impeller**

- ▶ Disconnect the pump from the power source before performing any repair or troubleshooting work.
- ▶ Secure the pump against accidental switch-on.

### 9.1 Possible faults

Fault	Possible cause(s)	Remedy
Pump does not start	No power supply	Check the power supply and restore it if necessary
	Supply line damaged	Check the supply line and replace it if necessary
	Impeller blocked	Check the impeller and remove blockage or clogging if necessary
Motor protection device is triggered	Impeller blocked	Check the impeller and remove blockage or clogging if necessary
	Voltage too low	Check voltage supply and establish nominal voltage
	Frequency too high (60 Hz)	Check mains frequency and establish nominal frequency. If required, change the model
	Pump overheated	Check whether the pump delivers sufficient liquid, clean inlet screen if necessary Avoid quick-suction mode
	Rated current incorrectly set after repair	Have the adjustment of the motor protection module checked and adjusted by a specialist
	Motor defective	Check the stator and replace it if necessary
	Overload due to excessive solids content	Dilute medium (max. 20 % solids content) Clean inlet screen If the intake contains too much sediment, place the pump on a raised concrete block
Conveying capacity (quantity/rate) too low	Impeller worn or damaged	Replace impeller
	Hose blocked	Remove blockage. Lay hose straight and without kinks
	Inlet screen blocked	Clean inlet screen, avoid sediment transport
	Wrong direction of rotation	Check rotating field and, if necessary, establish clockwise rotating field using phase inverter or check connection
Increased running noises	Bearing failure	Replace the ball bearing
	Pebbles/gravel in the inlet screen	Clean inlet screen



## 10 Technical data

	SPT 215	SPT 315	SPT 222	SPT 322
Rated motor power P2 [kW]	1,5	1,5	2,2	2,2
Rated voltage [V]	400	400	400	400
Rated current [A]	3,5	3,5	5	5
Connection line 20 m	H07RN-F 4G1,5mm <sup>2</sup>	H07RN-F 4G1,5mm <sup>2</sup>	H07RN-F 4G1,5mm <sup>2</sup>	H07RN-F 4G1,5mm <sup>2</sup>
Delivery head H. min. [m]	5	2	6	4
Delivery head H. max. [m]	22	14,5	26	21
Delivery rate max. [m <sup>3</sup> /h]	27	40	27	50
Immersion depth max. [m]	20	20	20	20
Weight [kg]	37	37	39	39
Free passage [mm]	8,5	8,5	8,5	8,5
Mechanical seal	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC
Oil quantity [ml]	600	600	600	600

	SPT 237	SPT 337	SPT 437	SPT 355	SPT 455
Rated motor power P2 [kW]	3,7	3,7	3,7	5,5	5,5
Rated voltage [V]	400	400	400	400	400
Rated current [A]	7,7	7,7	7,7	11,4	11,4
Connection line 20 m	H07RN-F 4G2,5mm <sup>2</sup>	H07RN-F 4G2,5mm <sup>2</sup>	H07RN-F 4G2,5mm <sup>2</sup>	H07RN-F 4G2,5mm <sup>2</sup>	H07RN-F 4G2,5mm <sup>2</sup>
Delivery head H. min. [m]	15	5	4	6	2
Delivery head H. max. [m]	34	29	18	32	23
Delivery rate max. [m <sup>3</sup> /h]	29	55	90	70	105
Immersion depth max. [m]	20	20	20	20	20
Weight [kg]	65	65	65	85	85
Free passage [mm]	8,5	8,5	8,5	8,5	8,5
Mechanical seal	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC
Oil quantity [ml]	1100	1100	1100	1000	1000



	SPT 475	SPT 675	SPT 4110	SPT 6110
Rated motor power P2 [kW]	7,5	7,5	11	11
Rated voltage [V]	400	400	400	400
Rated current [A]	15	15	22	22
Connection line 20 m	H07RN-F 4G4,0mm <sup>2</sup>	H07RN-F 4G4,0mm <sup>2</sup>	H07RN-F 4G6,0mm <sup>2</sup>	H07RN-F 4G6,0mm <sup>2</sup>
Delivery head H. min. [m]	4	4	5	3
Delivery head H. max. [m]	40	31	48,5	32
Delivery rate max. [m <sup>3</sup> /h]	84	125	86	147
Immersion depth max. [m]	20	20	20	20
Weight [kg]	114	114	140	143
Free passage [mm]	11,5	19,5	11,5	19,5
Mechanical seal	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC
Oil quantity [ml]	800	800	800	800

	SPT 4150	SPT 6150
Rated motor power P2 [kW]	15	15
Rated voltage [V]	400	400
Rated current [A]	30	30
Connection line 20 m	H07RN-F 4G6,0mm <sup>2</sup>	H07RN-F 4G6,0mm <sup>2</sup>
Delivery head H. min. [m]	2	3
Delivery head H. max. [m]	56	40
Delivery rate max. [m <sup>3</sup> /h]	86	156
Immersion depth max. [m]	20	20
Weight [kg]	153	156
Free passage [mm]	19,5	19,5
Mechanical seal	SIC/SIC-SIC/SIC	SIC/SIC-SIC/SIC
Oil quantity [ml]	800	800



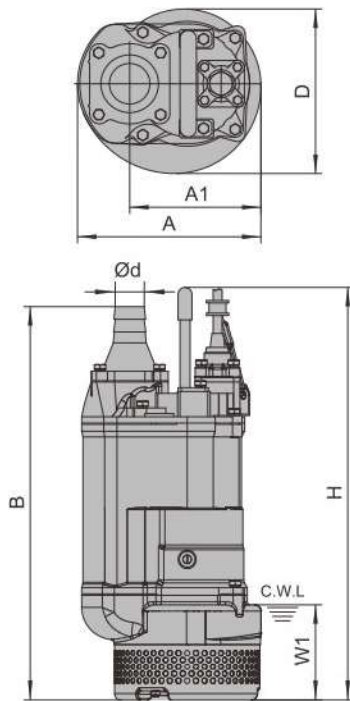


Fig. 1 Dimensions

\* the height may vary depending on the coupling type

\*\* W1: Continuous water level

		SPT 215	SPT 315	SPT 222	SPT 322	SPT 237	SPT 337	SPT 437	SPT 355	SPT 455
d	mm	50 / 2"	75 / 3"	50 / 2"	75 / 3"	50 / 2"	75 / 3"	100 / 4"	75 / 3"	100 / 4"
A	mm	235	235	235	235	283	283	283	306	306
A1	mm	173	173	173	173	283	283	283	218	218
B	mm	535	535	535	535	628	628	642	671	686
D	mm	216	216	216	216	252	252	252	259	259
H *	mm	505	505	505	505	629	629	629	590	590
W1 **	mm	120	120	120	120	150	150	150	150	150

		SPT 475	SPT 675	SPT 4110	SPT 6110	SPT 4150	SPT 6150
d	mm	100 / 4"	150 / 6"	100 / 4"	150 / 6"	100 / 4"	150 / 6"
A	mm	330	330	373	373	373	373
A1	mm	240	240	255	255	255	255
B	mm	764	790	807	807	842	842
D	mm	314	314	350	350	350	350
H *	mm	676	678	695	695	755	755
W1 **	mm	190	190	190	190	190	190

10.1 Type plate

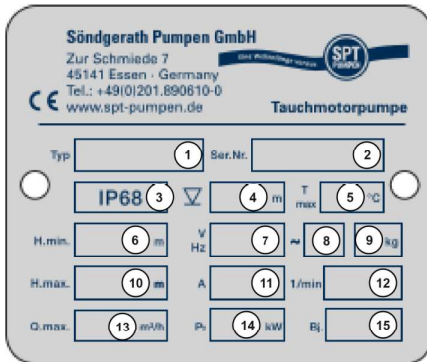


Fig. 2 Type plate, variant 1

Item	Designation	Item	Designation
1	Type	9	Weight
2	Serial number	10	Max. delivery head
3	Degree of protection	11	Rated current
4	Max. immersion depth	12	Speed of rotation
5	Max. media temperature	13	Max. delivery rate
6	Min. delivery head	14	Power
7	Rated voltage, frequency	15	Year of manufacture
8	Number of phases		



Fig. 3 Type plate, variant 2

Item	Designation	Item	Designation
1	Type	10	Min. delivery head
2	Version	11	Max. delivery rate
3	Serial number	12	Max. media temperature
4	Weight	13	Degree of protection
5	Rated voltage	14	Max. delivery head
6	Power	15	Speed of rotation
7	Rated current	16	Year of manufacture
8	Frequency	17	Max. immersion depth
9	Number of phases		

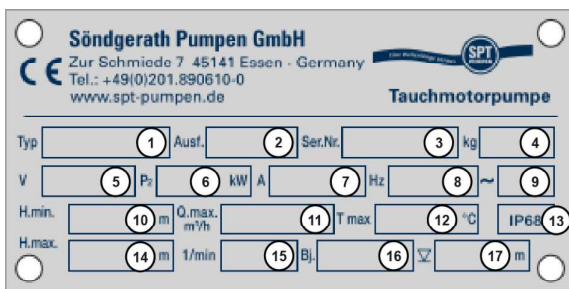


Fig. 4 Type plate, variant 3

Item	Designation	Item	Designation
1	Type	10	Min. delivery head
2	Version	11	Max. delivery rate
3	Serial number	12	Max. media temperature
4	Weight	13	Degree of protection
5	Rated voltage	14	Max. delivery head
6	Power	15	Speed of rotation
7	Rated current	16	Year of manufacture
8	Frequency	17	Max. immersion depth
9	Number of phases		



# 11 Declaration of conformity

## EC declaration of conformity



in accordance with EC Machinery Directive 2006/42/EC, Annex II 1. A

### Manufacturer

Söndgerath Pumpen GmbH  
Zur Schmiede 7  
DF- 45141 Essen

### Person established within the Community authorised to compile the technical documentation

Söndgerath Pumpen GmbH  
Zur Schmiede 7  
DE - 45141 Essen

### Description and identification of the machinery

Product	Submersible pump
Types	SPT370-750, SPTE370-750, SPTi370-750, SPR370-750, SPRE370-750, SPRi370-750, SVX750, SPT1500NW+ND, SPT400R-1 500R, FSP400, SPT215-8220, SPT80R-220R, ASP, SPT1 5-1, SPT 15-3, KSC, KSCE, KSCX, SHL, P215-6110, XP, XPS, SF, P600-P800, PX12-PX30, SP10-SP14
Function	The submersible pump is designed for use on construction sites to pump contaminated water.

### It is expressly declared that the machine complies with all relevant provisions of the following EC directives and regulations:

2006/42/EC	Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast) (1)
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### Reference of the harmonised standards applied as referred to in Article 7(2):

FN ISO 14120:2015	Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards (ISO 14120:2015)
EN ISO 13857:2008	Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs (ISO 13857:2008)
EN 809:1998 + A1:2009/AC:2010	Pumps and pump units for liquids - Common safety requirements
EN 60335-2-41:2003/A2:2010	Household and similar electrical appliances - Safety - Part 2-41: Particular requirements for pumps

### Reference of other technical standards and specifications applied:

EN 60335-1:2002/A1:2004/AC:2007	Household and similar electrical appliances - Safety - Part 1: General requirements)
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Essen, 14.08.2018

Place, Date

Signature  
Andreas Söndgerath  
Managing Director

Signature  
Carsten Söndgerath  
Managing Director

