## Qty. | Description

## 1 SPK 4-1/1 T-W-A-AUUV



Note! Product picture may differ from actual product

Product No.: On request

Multistage, immersible, self-priming, centrifugal pump for vertical and horizontal installation in tanks etc.

The pump has the following characteristics:

- Installation length according to DIN 5440.
- Impellers, intermediate chambers and spline shaft are made of stainless steel and motor stool of GG 20.
- Mechanical shaft seal according to EN 12756.
- Power transmission via cast iron split coupling.

The motor is a 3-phase AC motor.

Immersion depth: 140 mm

Liquid:

Pumped liquid: Water
Liquid temperature range: -10 .. 90 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2825 rpm

Rated flow: 66.7 l/min
Rated head: 2.2 m
Primary shaft seal: AUUV

Curve tolerance: ISO9906:2012 3B Drain holes: Open drain hole

Materials:

Pump head: Cast iron

EN-GJL-200 ASTM 25B

Impeller: Stainless steel

DIN W.-Nr. 1.4301

**AISI 304** 

Installation:

t max amb: 60 °C Pipe connection: G 3/4 Flange size for motor: FT85

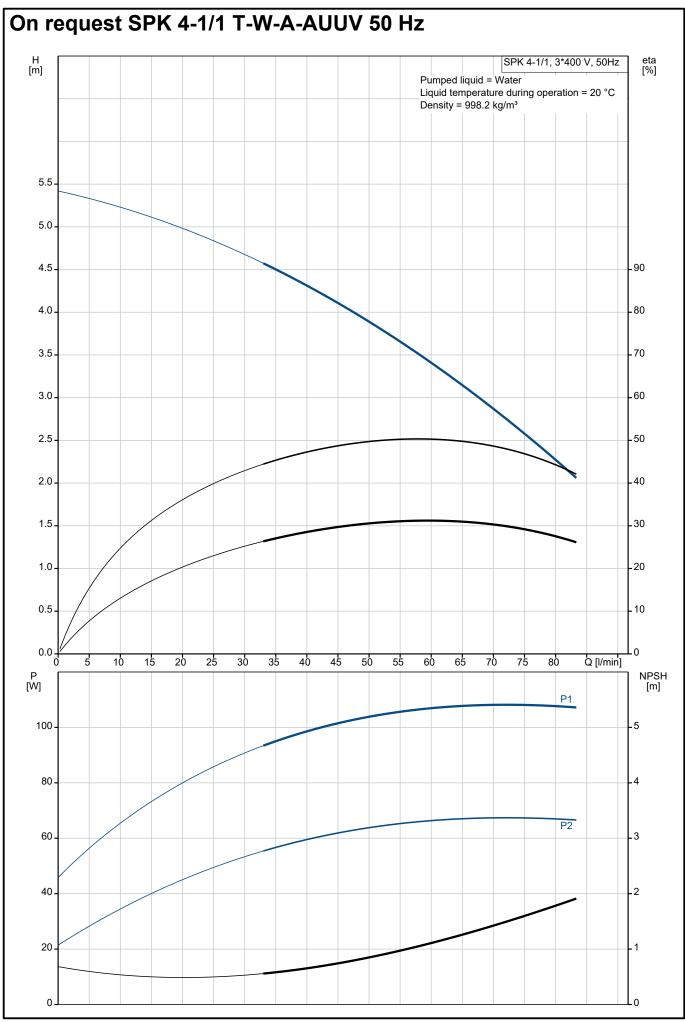
Electrical data:

Motor type: 71A
IE Efficiency class: IE3
Rated power - P2: 0.25 kW
Power (P2) required by pump: 0.25 kW
Mains frequency: 50 Hz

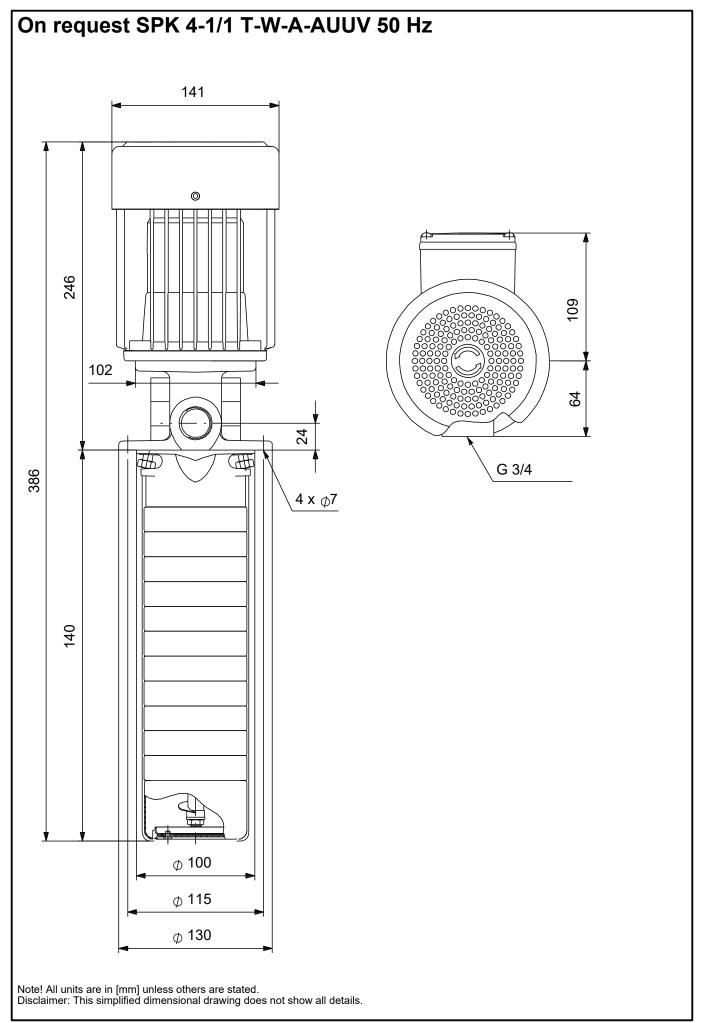
Rated voltage: 3 x 220-255D/380-440Y V

Rated current: 1.12/0.65 A
Starting current: 570-620 %
Cos phi - power factor: 0.83-0.71
Rated speed: 2840-2880 rpm

## Description Qty. Efficiency: IE3 77,5% Motor efficiency at full load: 77.5-77.2 % Motor efficiency at 3/4 load: 76.8 % Motor efficiency at 1/2 load: 72.7 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85105501 Others: Minimum efficiency index, MEI ≥: N/A Net weight: 9.9 kg 11.2 kg Gross weight: Country of origin: HU Custom tariff no.: 84137075



Description	Value	H SPK 4-1/1, 3*400 V, 50Hz eta [%]		
General information:		Pumped liquid = Water Liquid temperature during operation = 20 °C		
Product name:	SPK 4-1/1 T-W-A-AUUV	Density = 998.2 kg/m <sup>3</sup>		
Product No:	On request	5.5		
EAN number:	On request	5.0		
Technical:	•			
Pump speed on which pump data are based:	2825 rpm	4.5		
Rated flow:	66.7 l/min	7.0		
Rated head:	2.2 m	3.5		
Stages:	1	3.0		
Impellers:	1	2.5		
Primary shaft seal:	AUUV			
Curve tolerance:	ISO9906:2012 3B	2.0		
Pump version:	Т	1.5		
Model:	E			
Drain holes:	Open drain hole	1.0		
Materials:		0.5		
Pump head:	Cast iron			
Pump head:	EN-GJL-200	0.0 / 10 20 30 40 50 60 70 Q [l/min]		
Pump head:	ASTM 25B	P NPSH		
Impeller:	Stainless steel	[W] P1 [m]		
Impeller:	DIN WNr. 1.4301	100 - 5		
Impeller:	AISI 304	80 4		
Material code:	Α	P2 3		
Installation:		60 P2 3		
t max amb:	60 °C	40		
Pipe connection:	G 3/4	40		
Flange size for motor:	FT85	20		
Connect code:	W	20		
Liquid:				
Pumped liquid:	Water	·		
Liquid temperature range:	-10 90 °C	- 141		
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³			
Electrical data:	990.2 kg/III			
	74.0			
Motor type:	71A			
IE Efficiency class:	IE3			
Rated power - P2:	0.25 kW	8 G34		
Power (P2) required by pump:	0.25 kW	(i) \(\sqrt{4x\empty}\)		
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-255D/380-440Y V	9		
Rated current:	1.12/0.65 A			
Starting current:	570-620 %			
Cos phi - power factor:	0.83-0.71			
Rated speed:	2840-2880 rpm	6100		
Efficiency:	IE3 77,5%	• • • • • • • • • • • • • • • • • • •		
Motor efficiency at full load:	77.5-77.2 %	• 130		
		HIGH MAIL TO THE		
Motor efficiency at 3/4 load:	76.8 %	HIGH VOLTAGE DIRECTION OF ROTATION		
Motor efficiency at 1/2 load:	72.7 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Built-in motor protection:	NONE	I (KS <del>TI</del> S I		
Motor No:	85105501			
Others:				
Minimum efficiency index, MEI ≥:	N/A			
Net weight:	9.9 kg	DIRECTION OF ROTATION		
Gross weight:	11.2 kg	·		
Country of origin:	HU			
Custom tariff no.:	84137075			



## On request SPK 4-1/1 T-W-A-AUUV 50 Hz **HIGH VOLTAGE DIRECTION OF ROTATION** LOW VOLTAGE **DIRECTION OF ROTATION** Note! All units are in [mm] unless others are stated.

Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		SPK 4-1/1	1	On request	Price on request		