Qty.	Description

1   **SPK 1-3/3 A-W-A-AUUV**

Note! Product picture may differ from actual product

Product No.: On request

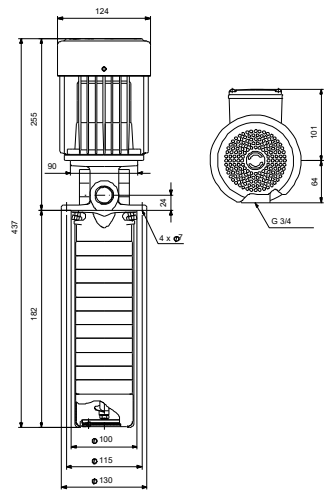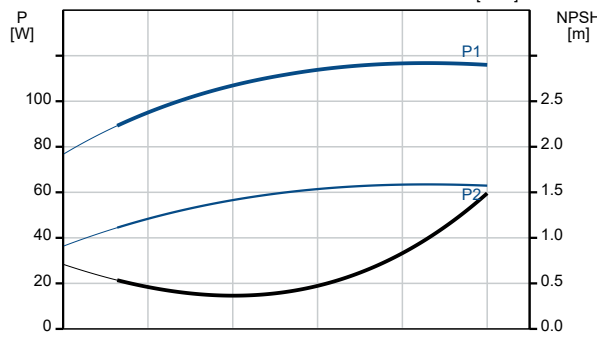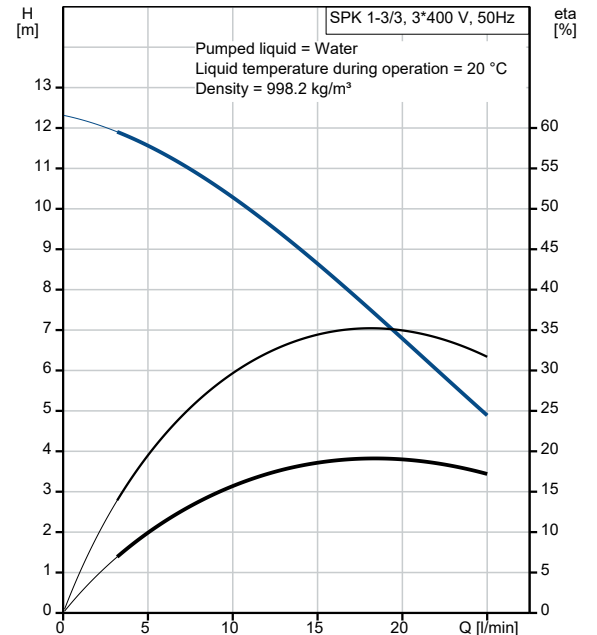Multistage, immersible, self-priming, centrifugal
pump for vertical and horizontal installation in
tanks etc.

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: 182 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: 16.7 l/min
Rated head: 9.4 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: 40 °C
Pipe connection: G 3/4
Flange size for motor: FT75

Electrical data:
Motor type: SIEMENS
IE Efficiency class: IE3
Rated power - P2:   0.12 kW
Power (P2) required by pump: 0.12 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 220-240D/380-415Y V
Rated current: 0,64-0,66/0,37-0,38 A
Starting current: 450-450 %
Cos phi - power factor: 0.78
Rated speed: 2830 rpm

Qty.	Description	
1	Efficiency:	IE3 60,8%
	Motor efficiency at full load:	60.8-60.8 %
	Motor efficiency at 3/4 load:	59.4-59.4 %
	Motor efficiency at 1/2 load:	53.7-53.7 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	81602312
	Others:	
	Minimum efficiency index, MEI ≥:	N/A
	Net weight:	8.7 kg
	Gross weight:	10 kg
	Country of origin:	HU
	Custom tariff no.:	84137075

On request SPK 1-3/3 A-W-A-AUUV 50 Hz

SPK 1-3/3, 3*400 V, 50Hz

Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³
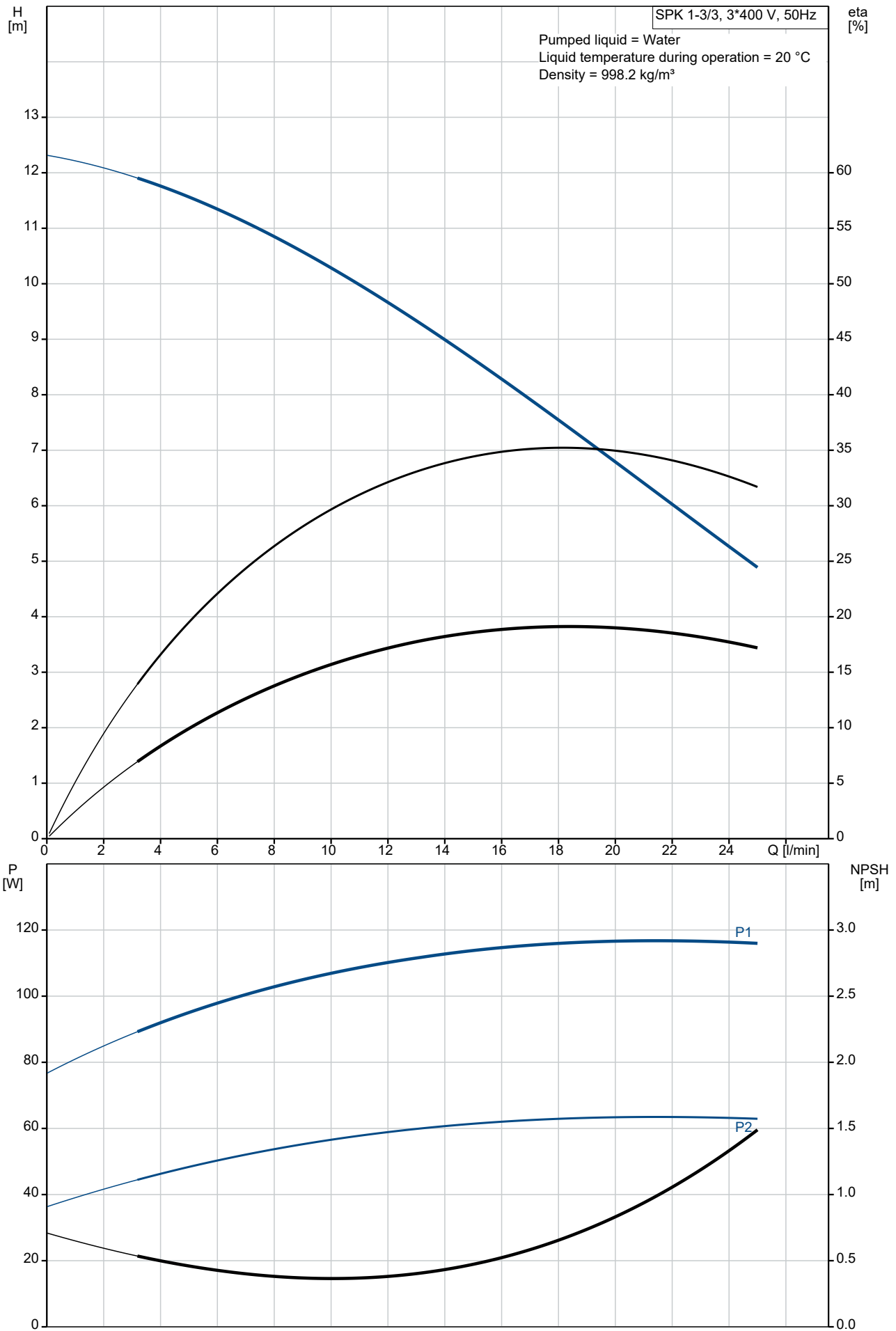
Description	Value
General information:	
Product name:	SPK 1-3/3 A-W-A-AUUV
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2825 rpm
Rated flow:	16.7 l/min
Rated head:	9.4 m
Stages:	3
Impellers:	3
Primary shaft seal:	AUUV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	E
Drain holes:	Open drain hole
Materials:	
Pump head:	Cast iron
Pump head:	EN-GJL-200
Pump head:	ASTM 25B
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
Material code:	A
Installation:	
t max amb:	40 °C
Pipe connection:	G 3/4
Flange size for motor:	FT75
Connect code:	W
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	0.12 kW
Power (P2) required by pump:	0.12 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	0,64-0,66/0,37-0,38 A
Starting current:	450-450 %
Cos phi - power factor:	0.78
Rated speed:	2830 rpm
Efficiency:	IE3 60,8%
Motor efficiency at full load:	60.8-60.8 %
Motor efficiency at 3/4 load:	59.4-59.4 %
Motor efficiency at 1/2 load:	53.7-53.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	81602312
Others:	
Minimum efficiency index, MEI ≥:	N/A
Net weight:	8.7 kg
Gross weight:	10 kg
Country of origin:	HU
Custom tariff no.:	84137075

SPK 1-3/3, 3*400 V, 50Hz
Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³

LOW VOLTAGE
DIRECTION OF ROTATION

HIGH VOLTAGE
DIRECTION OF ROTATION

On request SPK 1-3/3 A-W-A-AUUV 50 Hz

124

255

90

437

24

182

4 x ⌀7

⌀ 100

⌀ 115

⌀ 130

101

64
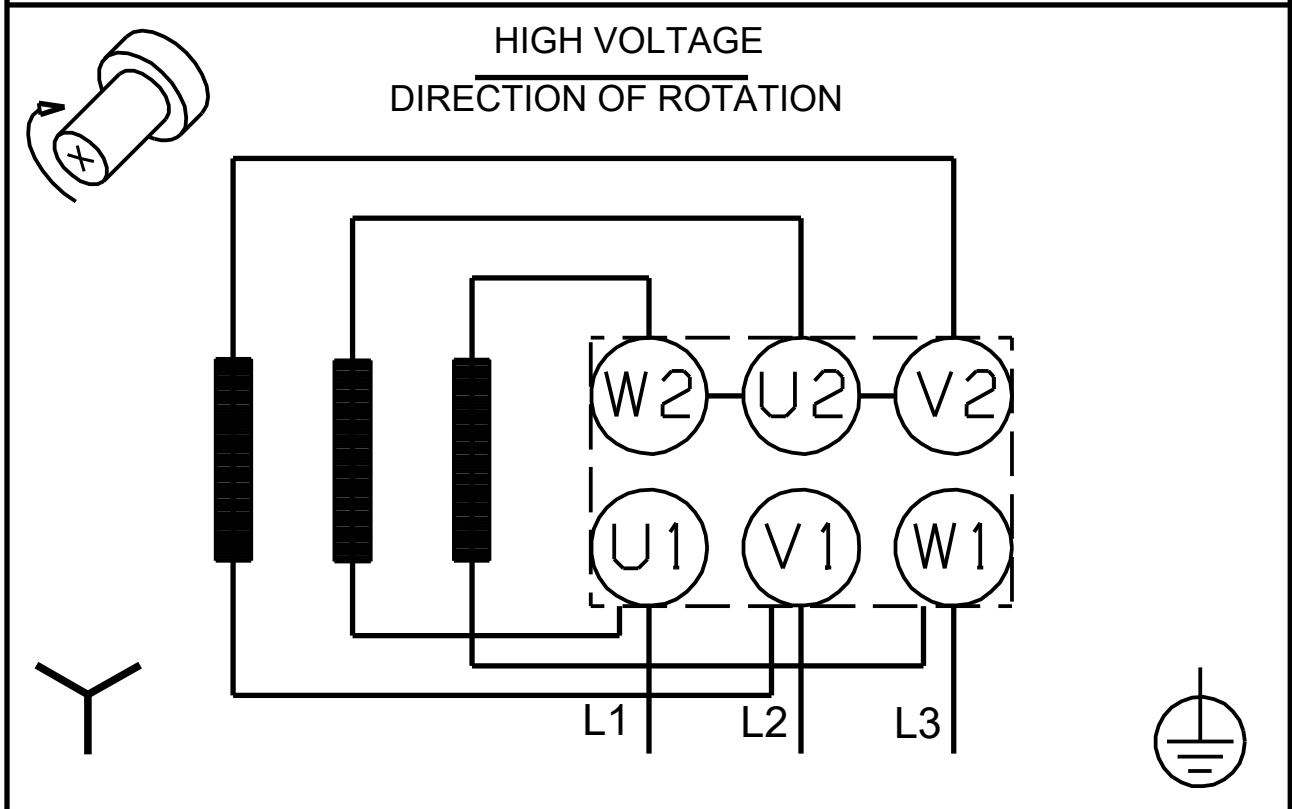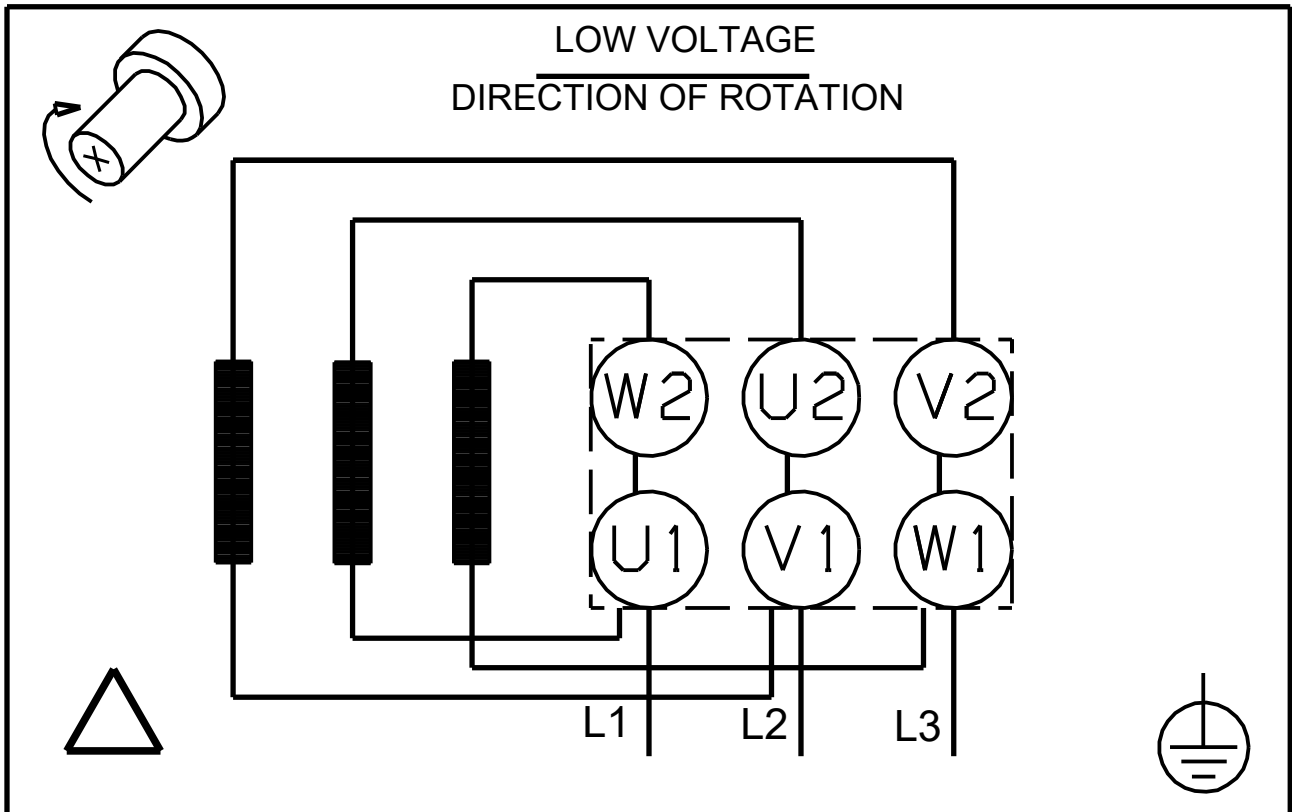
G 3/4
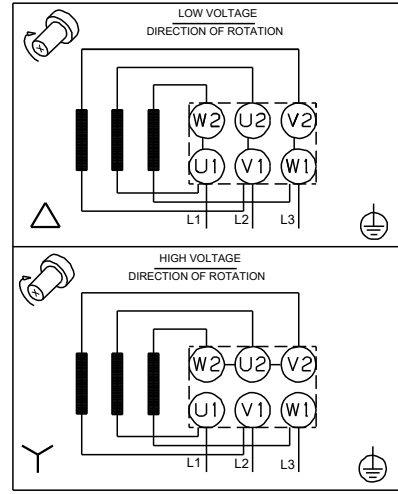
Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

On request SPK 1-3/3 A-W-A-AUUV 50 Hz

LOW VOLTAGE
DIRECTION OF ROTATION

W2 U2 V2

U1 V1 W1

L1 L2 L3

HIGH VOLTAGE
DIRECTION OF ROTATION

W2 U2 V2

U1 V1 W1

L1 L2 L3

Note! All units are in [mm] unless others are stated.

Order Data:					
Position	Your pos.	Product name	Amount	Product No	Total
		SPK 1-3/3	1	On request	Price on request
		SPK 1-3/3	1	On request	Price on request