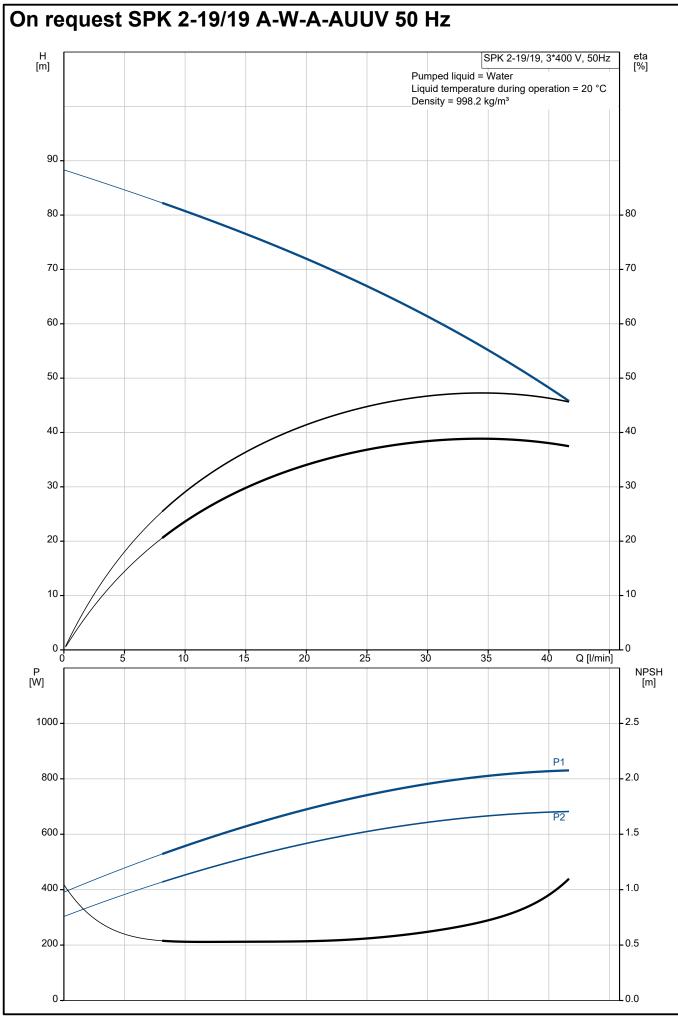
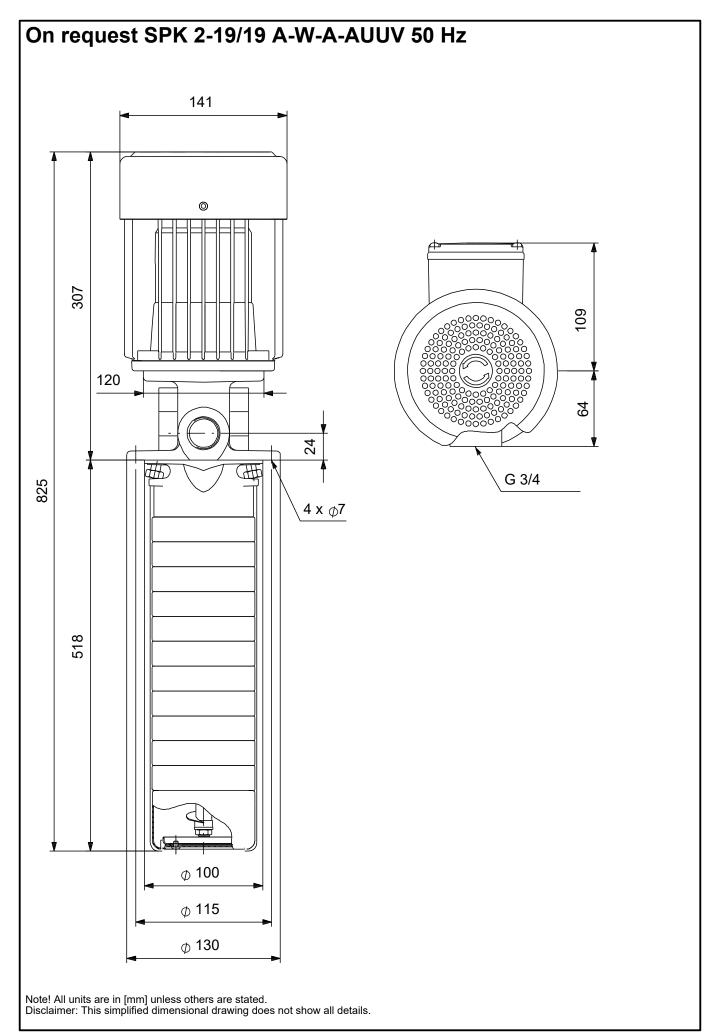
Description					
SPK 2-19/19 A-W-A-AUUV					
convacos					
e en					
	Note! Product picture may differ from actual product				
Product No.: On request					
Multistage, immersible, self-prin	ning centrifugal				
	pump for vertical and horizontal installation in				
tanks etc.					
The nume has the following she	sraatariatiaa				
The pump has the following cha					
- Installation length accord					
	chambers and spline shaft are made of stainless steel and motor stool of GG 20.				
- Mechanical shaft seal ac					
- Power transmission via o	cast iron split coupling.				
The motor is a 3-phase AC mot					
Immersion depth:	518 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 da	ita are based: 2864 rpm				
Rated flow:	33.3 l/min				
Rated head:	58.1 m				
Primary shaft seal:	AUUV				
Curve tolerance:					
	ISO9906:2012 3B				
	ISO9906:2012 3B Open drain hole				
Drain holes:	ISO9906:2012 3B Open drain hole				
Drain holes:					
Drain holes: Materials:	Open drain hole				
Drain holes:	Open drain hole Cast iron				
Drain holes: Materials:	Open drain hole Cast iron EN-GJL-200				
Drain holes: Materials: Pump head:	Open drain hole Cast iron EN-GJL-200 ASTM 25B				
Drain holes: Materials:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel				
Drain holes: Materials: Pump head:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301				
Drain holes: Materials: Pump head:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel				
Drain holes: Materials: Pump head: Impeller:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301				
Drain holes: Materials: Pump head: Impeller: Installation:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW 0.75 kW				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW 0.75 kW 50 Hz				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW 0.75 kW 50 Hz 3 x 220-240D/380-415Y V				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW 0.75 kW 50 Hz 3 x 220-240D/380-415Y V 3.30/1.90 A				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW 0.75 kW 50 Hz 3 x 220-240D/380-415Y V 3.30/1.90 A 580-620 %				
Drain holes: Materials: Pump head: Impeller: Installation: t max amb: Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current:	Open drain hole Cast iron EN-GJL-200 ASTM 25B Stainless steel DIN WNr. 1.4301 AISI 304 60 °C G 3/4 FT100 80A IE3 0.75 kW 0.75 kW 50 Hz 3 x 220-240D/380-415Y V 3.30/1.90 A				

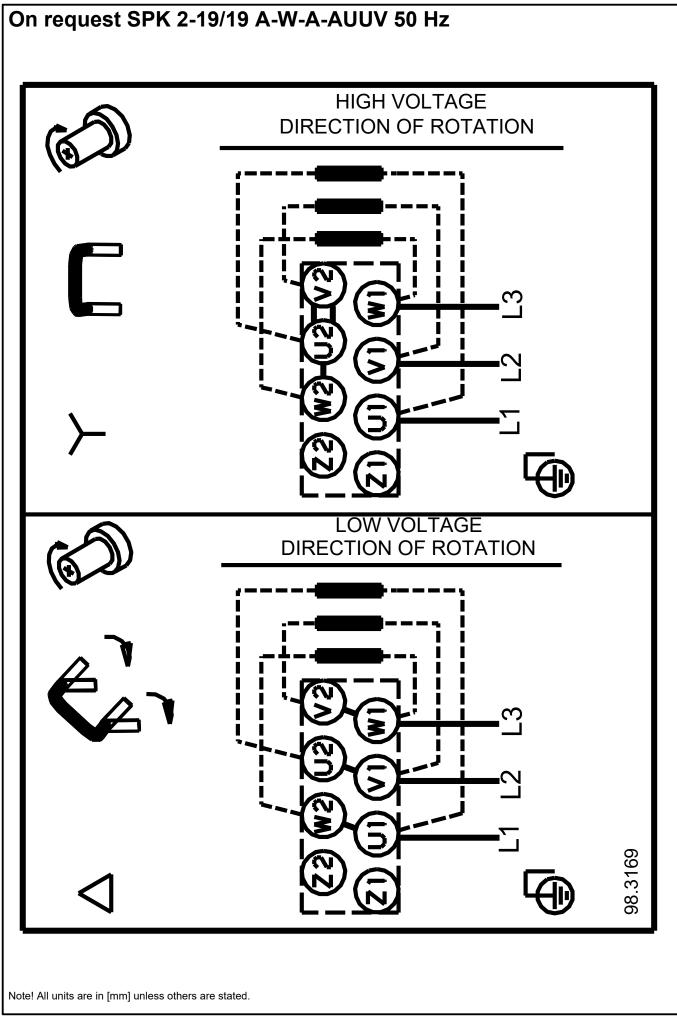
Qty.	Description	
1	Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No:	IE3 80,7% 80.7 % 82.7 % 81.7 % 2 55 Dust/Jetting F 85U05104
	Others: Minimum efficiency index, MEI ≥: Net weight: Gross weight: Country of origin: Custom tariff no.:	N/A 17.2 kg 18.5 kg HU 84137075



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Description	Value	H [m]	SPK 2-19/19, 3*400 V, 50Hz	eta [%]
General information:			Pumped liquid = Water	
	SPK 2-19/19	_	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³	
Product name:	A-W-A-AUUV	90 -		
Product No:	On request	-		
EAN number:	On request	80 -		- 80
Technical:	onrequest	_		
Pump speed on which pump data are	0004	70 -		70
based:	2864 rpm			
Rated flow:	33.3 l/min	60 -		60
Rated head:	58.1 m	_		
		50 -		- 50
Stages:	19	_		
Impellers:	19	40 -		40
Primary shaft seal:	AUUV			
Curve tolerance:	ISO9906:2012 3B	30 -		- 30
Pump version:	A			
Model:	E	20 -		- 20
Drain holes:	Open drain hole	- //		
Materials:		10-//-		10
Pump head:	Cast iron	- //		
Pump head:	EN-GJL-200	0 <u>/</u>	10 15 20 25 30 35 Q [l/min]	Lο
Pump head:	ASTM 25B			N PSH
•	Stainless steel	P [W]		[m]
Impeller:		1000 -		- 2.5
Impeller:	DIN WNr. 1.4301	_	P1	
Impeller:	AISI 304	800 -		2.0
Material code:	А		B2	
Installation:		600 -		1.5
t max amb:	60 °C	400		
Pipe connection:	G 3/4	400 -		- 1.0
Flange size for motor:	FT100	200		0.5
Connect code:	W	200-		T 0.5
Liquid:				0.0
Pumped liquid:	Water	-l		
Liquid temperature range:	-10 90 °C	141	1	
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m ³			
Electrical data:	590.2 kg/m	-		
	201	- 8 / /	^g	
Motor type:	80A			
IE Efficiency class:	IE3		- - -	
Rated power - P2:	0.75 kW		G 3/4	
Power (P2) required by pump:	0.75 kW	α	4 × 0 ⁷	
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-240D/380-415Y			
-	V			
Rated current:	3.30/1.90 A			
Starting current:	580-620 %			
Cos phi - power factor:	0.81-0.71			
Rated speed:	2840-2870 rpm	0100		
Efficiency:	IE3 80,7%	© 115 © 130		
Motor efficiency at full load:	80.7 %			
Motor efficiency at 3/4 load:	82.7 %		HIGH VOLTAGE	
Motor efficiency at 1/2 load:	81.7 %	- Ca	DIRECTION OF ROTATION	
Number of poles:	2	i i		
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F	_ = ``		
Built-in motor protection:	NONE	_		
Motor No:	85U05104			
Others:				
Minimum efficiency index, MEI ≥:	N/A	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	LOW VOLTAGE DIRECTION OF ROTATION	
Net weight:	17.2 kg	- 60 -		
Gross weight:	18.5 kg	- _	r- ,	
Country of origin:	HU			
Custom tariff no.:	84137075	ויב¢		
	01101010			
		$ \triangleleft$		





Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		SPK 2-19/19	1	On request	Price o reques		
					Teques		
				1			