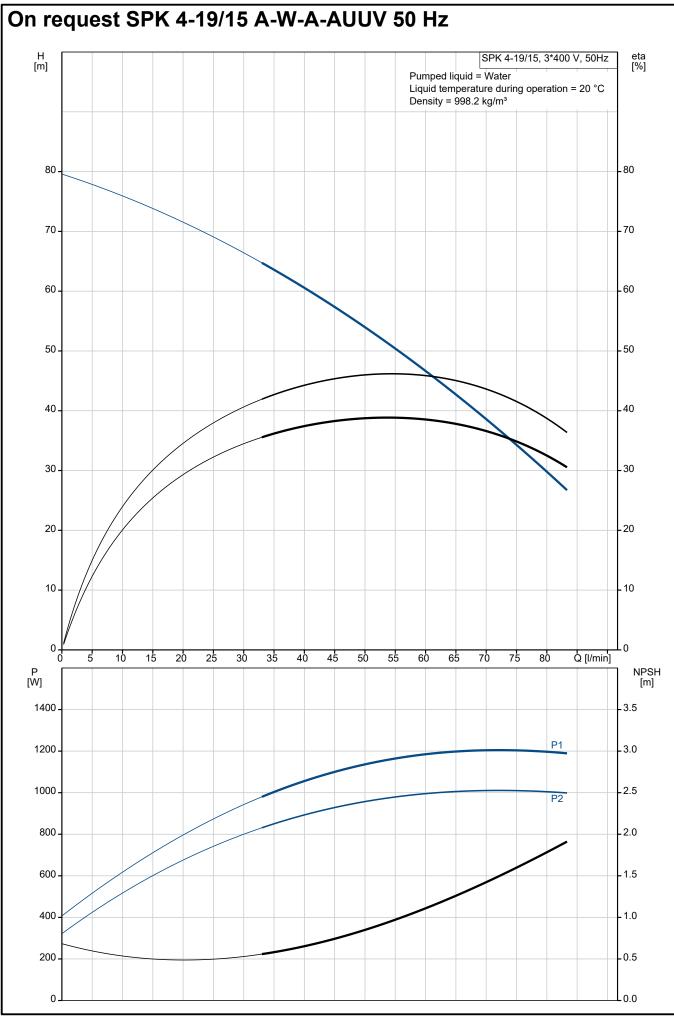
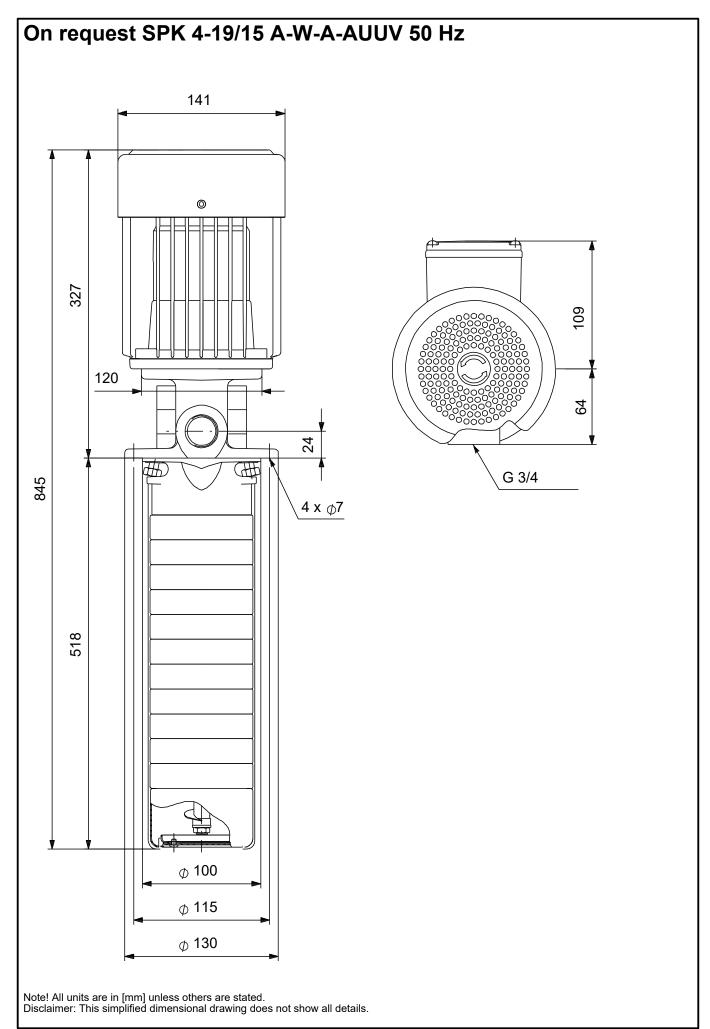
Description					
SPK 4-19/15 A-W-A-AUUV					
crusters					
	Note! Product picture may differ from actual product				
Product No.: On request	······································				
	Multistage, immersible, self-priming, centrifugal				
tanks etc.	pump for vertical and horizontal installation in				
lanks etc.					
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 ad 					
- Power transmission via	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:	Technical				
Pump speed on which pump da	ata are based: 2853 rpm				
Rated flow:	66.7 I/min				
Rated head:	47.8 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 WNr. 1.4301				
	AISI 304				
Installation:					
	60 °C				
t max amb:					
t max amb: Pipe connection:	G 3/4				
Pipe connection:	G 3/4 FT100				
	G 3/4 FT100				
Pipe connection: Flange size for motor:					
Pipe connection: Flange size for motor: Electrical data:	FT100				
Pipe connection: Flange size for motor: Electrical data: Motor type:	FT100 80C				
Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class:	FT100 80C IE3				
Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2:	FT100 80C IE3 1.1 kW				
Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump:	FT100 80C IE3 1.1 kW 1.1 kW				
Pipe connection: Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	FT100 80C IE3 1.1 kW 1.1 kW 50 Hz				
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:	FT100 80C IE3 1.1 kW 1.1 kW 50 Hz 3 x 220-240D/380-415Y V				
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:	FT100 80C IE3 1.1 kW 1.1 kW 50 Hz				
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:	FT100 80C IE3 1.1 kW 1.1 kW 50 Hz 3 x 220-240D/380-415Y V				
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:	FT100 80C IE3 1.1 kW 1.1 kW 50 Hz 3 x 220-240D/380-415Y V 4.35/2.50 A				
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:	FT100 80C IE3 1.1 kW 1.1 kW 50 Hz 3 x 220-240D/380-415Y V 4.35/2.50 A 450-500 %				

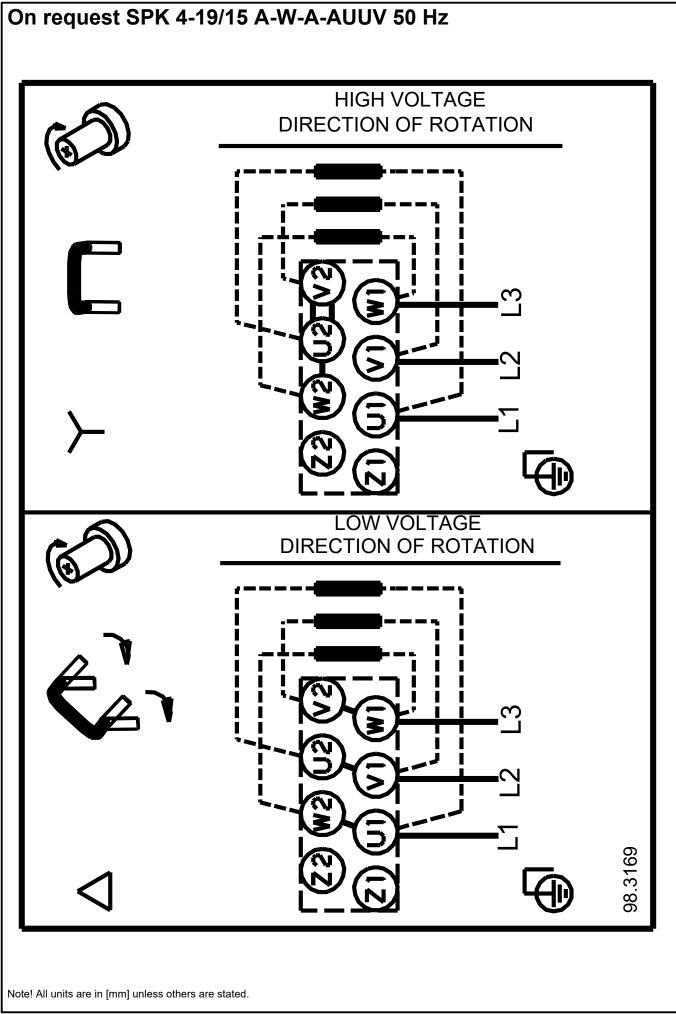
Qty.	Description	
1	Efficiency:	IE3 82,7%
	Motor efficiency at full load:	82.7 %
	Motor efficiency at 3/4 load:	84.6 %
	Motor efficiency at 1/2 load:	85.4 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U05105
	Others:	
	Minimum efficiency index, MEI ≥:	Ν/Δ
	Net weight:	16.8 kg
	Gross weight:	18.1 kg

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Description	Value	H [m]	SPK 4-19/15, 3*400 V, 50Hz	eta [%]
General information:	- and -		Pumped liquid = Water	
Product name:	SPK 4-19/15	-	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³	
rioduct name.	A-W-A-AUUV	80 -		- 80
Product No:	On request	_ 00-		T
EAN number:	On request	70 -		70
Technical:	•	_ /0_		- /0
Pump speed on which pump data are based:	2853 rpm	60 -		- 60
Rated flow:	66.7 l/min	-		
Rated head:	47.8 m	50 -		- 50
Stages:	19	-		
Impellers:	15	40 -		- 40
Primary shaft seal:	AUUV	-		
Curve tolerance:	ISO9906:2012 3B	30 -		- 30
Pump version:	A	20 -		_ 20
Model:	E			
Drain holes:	Open drain hole	10-//		10
Materials:				
Pump head:	Cast iron	<u> </u>		
Pump head:	EN-GJL-200	o	10 20 30 40 50 60 70 Q [l/min]	_ •
Pump head:	ASTM 25B	P [W]		NPSH [m]
Impeller:	Stainless steel	- [vv] -		+ ^[11]
Impeller:	DIN WNr. 1.4301	1200 -	P1	3.0
Impeller:	AISI 304			
Material code:	Α	1000 -	P2	- 2.5
Installation:		800 -		2.0
t max amb:	60 °C			1.5
Pipe connection:	G 3/4	600 -		- 1.5
Flange size for motor:	FT100	400 -		- 1.0
-		200		0.5
Connect code:	W	4		
Liquid:		0		L 0.0
Pumped liquid:	Water	141		
Liquid temperature range:	-10 90 °C	- + + +		
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³			
Electrical data:		÷		
Motor type:	80C			
IE Efficiency class:	IE3			
Rated power - P2:	1.1 kW			
Power (P2) required by pump:	1.1 kW	- 18	<u>4× gr</u>	
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-240D/380-415Y V			
Rated current:	4.35/2.50 A		<u>_</u>	
Starting current:	450-500 %		⊒∥	
Cos phi - power factor:	0.83-0.76			
Rated speed:	2840-2870 rpm	© 100		
Efficiency:	IE3 82,7%	¢ 115		
Motor efficiency at full load:	82.7 %			
Motor efficiency at 3/4 load:	84.6 %		HIGH VOLTAGE	
Motor efficiency at 1/2 load:	85.4 %	60	DIRECTION OF ROTATION	
Number of poles:	2	- ``		
Enclosure class (IEC 34-5):	55 Dust/Jetting	- 👝		
Insulation class (IEC 85):	F	╴│▐▃		
Built-in motor protection:	NONE	-		
Motor No:	85U05105	- .		
	00000100	_ ≻		
Others:	N1/A	_		
Minimum efficiency index, MEI ≥:	N/A	(C)	LOW VOLTAGE DIRECTION OF ROTATION	
Net weight:	16.8 kg			
Gross weight:	18.1 kg	רא		





		Order Da	ta:		
Position	Your pos.	Product name	Amount	Product No	Total
		SPK 4-19/15	1	On request	Price of reques
					reques