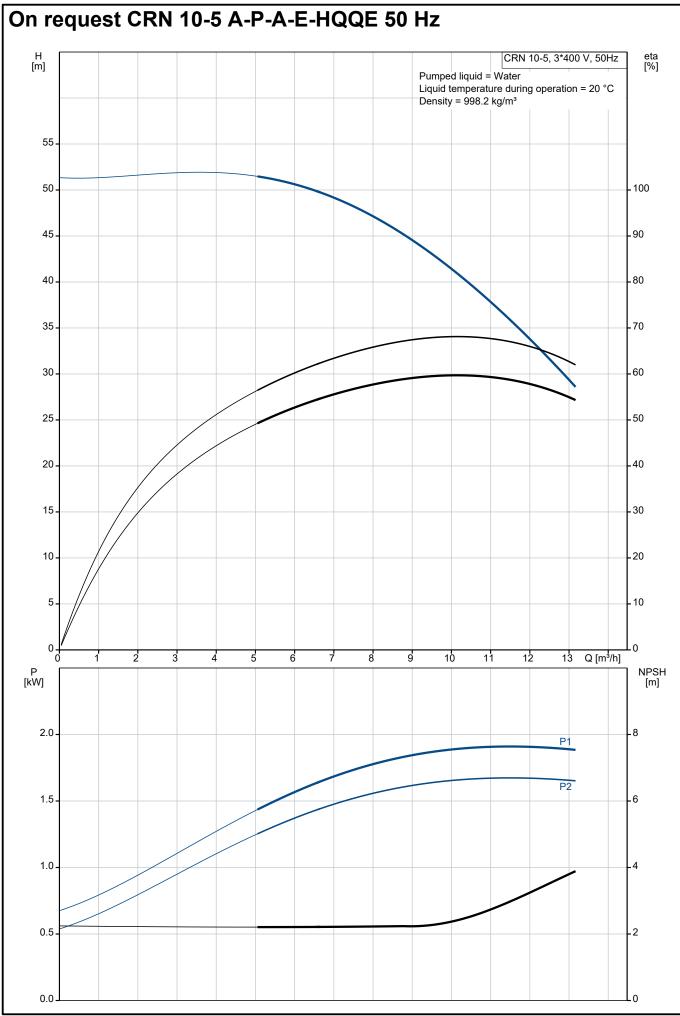
0414	Description					
Qty.	Description					
1	CRN 10-5 A-P-A-E-HQQE					
		Note! Product picture may differ from actual product				
	Product No.: On request					
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and ea access and service. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplin					
	The pump is fitted with a 3-phase, fan-cooled asynchronous motor.					
	Liquid:					
	Pumped liquid:	Water				
	Liquid temperature range:	-20 120 °C				
	Selected liquid temperature:	20 °C				
	Density:	998.2 kg/m³				
	Technical: Pump speed on which pump data					
	Rated flow:	10 m³/h				
	Rated head:	40.7 m Vertical				
	Pump orientation: Shaft seal arrangement:	Single				
	Code for shaft seal:	HQQE				
	Approvals:	CE,EAC,UKCA,SEPRO				
	Approvals for drinking water:	WRAS,ACS				
	Curve tolerance:	ISO9906:2012 3B				
	••					
	Materials:					
	Base:	Stainless steel EN 1.4408				
		AISI 316				
	Impeller:	Stainless steel				
	inperer.	EN 1.4401				
		AISI 316				
	Bearing:	SIC				
	Installation:					
	t max amb: Maximum operating pressure:	60 °C 25 bar				
	Maximum operating pressure. Max pressure at stated temp:	25 bar 25 bar / 120 °C 25 bar / -20 °C				
	Type of connection:	PJE				
	Size of inlet connection:	DN 50				
	Size of outlet connection:	DN 50				
	Pressure rating for connection:	PN 50				
	Flange size for motor:	FT115				
	Electrical data:					
	Motor standard:	IEC				
	Motor type:	90LE				
	IE Efficiency class:	IE3				
	Rated power - P2:	2.2 kW				
	Power (P2) required by pump:	2.2 kW				
	Mains frequency:	50 Hz				
	Rated voltage:	3 x 220-240D/380-415Y V				
	rom Grundfos Product Centre [2022 3	3 0011 1/8				

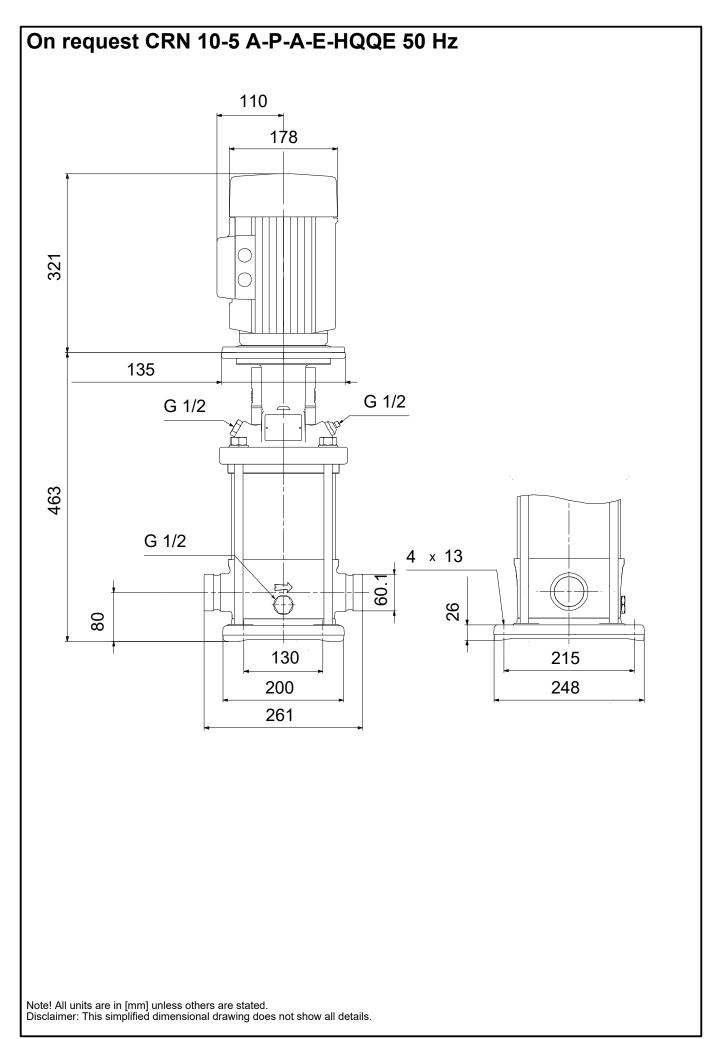
•	Description	
	Rated current:	8.00/4.60 A
	Starting current:	840-920 %
	Cos phi - power factor:	0.86-0.80
	Rated speed:	2890-2910 rpm
	Efficiency:	IE3 85,9%
	Motor efficiency at full load:	85.9-85.9 %
	Motor efficiency at 3/4 load:	88.2 %
	Motor efficiency at 1/2 load:	88.0 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	– 55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U01908
	Controls: Frequency converter:	NONE
	Others: Minimum efficiency index, MEI ≥:	0.70
	Net weight:	47 kg
	Gross weight:	50 kg
	Shipping volume:	0.104 m ³
	Danish VVS No.:	385913050
	Country of origin:	GB
	Custom tariff no.:	84137075

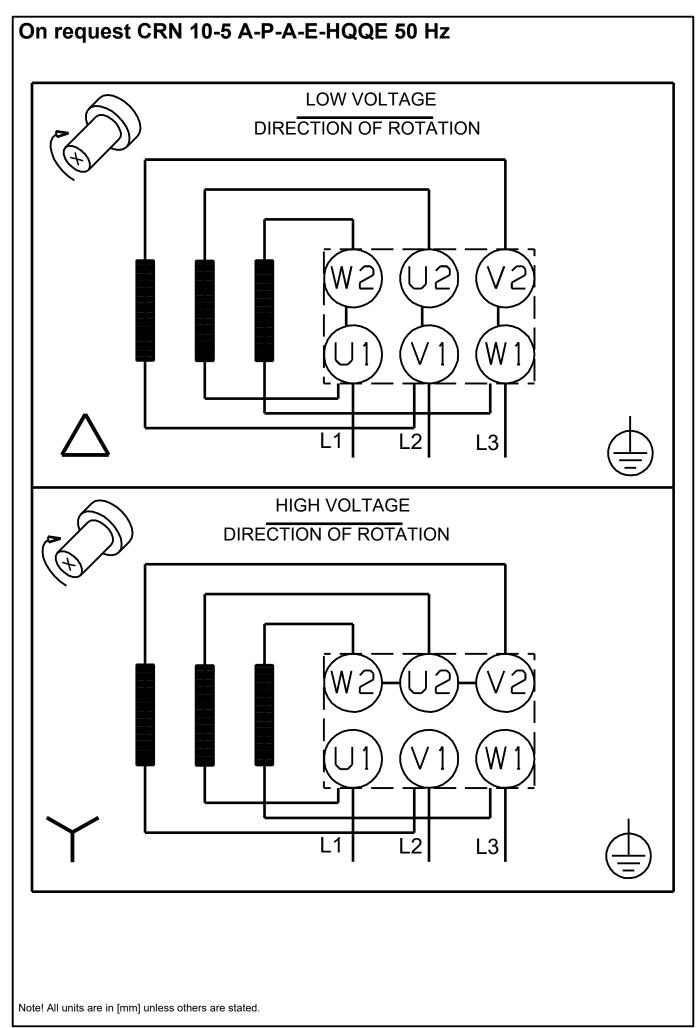


Description	Value	H [m]	CRN 10-5, 3*400 V, 50Hz	eta [%]
General information:	Fullo		Pumped liquid = Water	
Product name:	CRN 10-5	55 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³	
Floduct hame.	A-P-A-E-HQQE	55 -		
Product No:	On request	50 -		100
EAN number:	On request	-		
Technical:	•	45 -		- 90
Pump speed on which pump data are based:	2899 rpm	40 -		- 80
Rated flow:	10 m³/h	35 -		70
Rated head:	40.7 m	-		
Maximum head:	51.1 m	30 -		- 60
Stages:	5	25 -	· ·	- 50
Impellers:	5	-		
Number of reduced-diameter impellers:	0	20 -		- 40
Low NPSH:	Ň	15		30
Pump orientation:	Vertical	- //		
Shaft seal arrangement:	Single	10 - //		- 20
Code for shaft seal:	HQQE	5		10
	CE,EAC,UKCA,SEPRO	- °1/		Γ
Approvals:			2 4 6 8 10 12 Q [m³/h]	Lo
Approvals for drinking water:	WRAS,ACS	P [kW]		NPSH [m]
Curve tolerance:	ISO9906:2012 3B			
Pump version:	Α	2.0 -	P1	-8
Model:	А		P2	
Materials:		1.5 -	P2	-6
Base:	Stainless steel			
Base:	EN 1.4408	1.0 -		-4
Base:	AISI 316			
Impeller:	Stainless steel	0.5		-2
Impeller:	EN 1.4401			
Impeller:	AISI 316	0.0		Lo
Material code:	A			
Code for rubber:	E	"B	110 178	
Bearing:	SIC			
Installation:				
t max amb:	60 °C	-		
Maximum operating pressure:	25 bar	321		
Max pressure at stated temp:	25 bar / 120 °C			
Max pressure at stated temp:	25 bar / -20 °C	135		
Type of connection:	PJE	G 1/2	G 1/2	
Size of inlet connection:	DN 50	1		
Size of outlet connection:	DN 50	463		
Pressure rating for connection:	PN 50	G 1/2		
Flange size for motor:	FT115	<u>G 1/2</u>		
Connect code:	Р			
Liquid:				
Pumped liquid:	Water		200 248	
Liquid temperature range:	-20 120 °C	-	261	
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³		LOW VOLTAGE DIRECTION OF ROTATION	
Electrical data:				
Motor standard:	IEC			
Motor type:	90LE		$w_2 \overline{w_2} \overline{w_2} \overline{w_2}$	
IE Efficiency class:	IE3			
Rated power - P2:	2.2 kW	੶ੑ੶ੑਞੵਞੵੑ		
Power (P2) required by pump:	2.2 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-240D/380-415Y V		HIGH VOLTAGE ECTION OF ROTATION	
Rated current:	8.00/4.60 A			
Starting current:	840-920 %	·		
Cos phi - power factor:	0.86-0.80		WETUETVE	
Rated speed:	2890-2910 rpm	੶ ■∎		
Efficiency:	IE3 85,9%			
Motor efficiency at full load:	85.9-85.9 %			

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Description	Value
Motor efficiency at 3/4 load:	88.2 %
Motor efficiency at 1/2 load:	88.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85U01908
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	47 kg
Gross weight:	50 kg
Shipping volume:	0.104 m³
Danish VVS No.:	385913050
Country of origin:	GB
Custom tariff no.:	84137075





Order Data:					
Position	Your pos.	Product name	Amount	Product No	Total
		CRN 10-5	1	On request	Price o reques
					reques