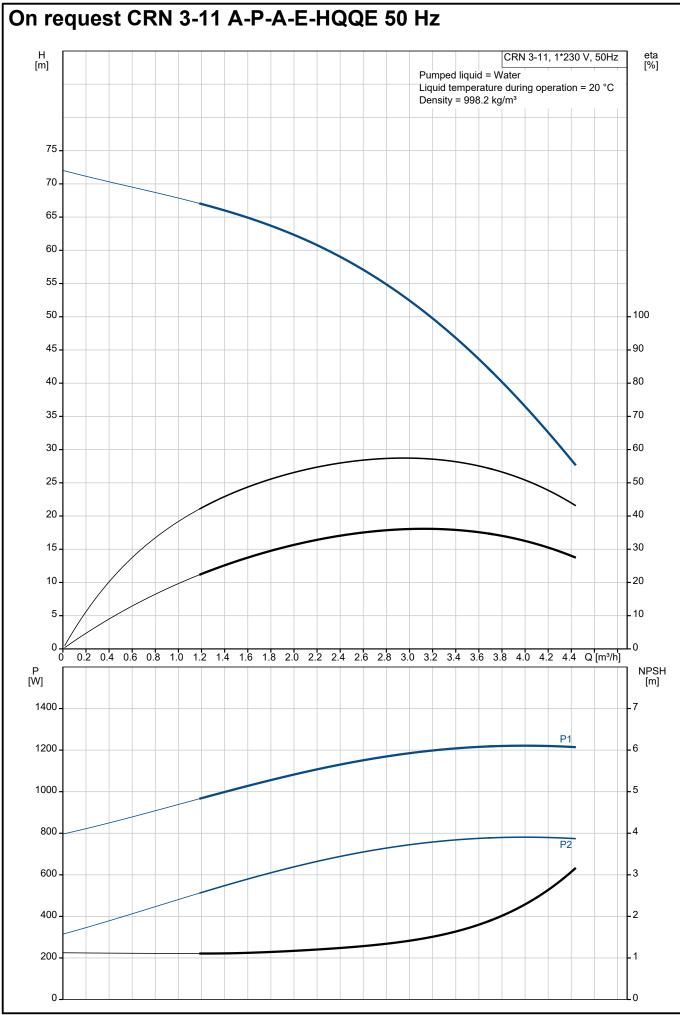
Qty.	Description						
-							
1	CRN 3-11 A-P-A-E-HQQE						
	Tai sono a la constanta da const						
	Note! Product picture may differ from actual product						
	Product No.: On request						
	l'ioduorito Onroquoor						
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the 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 easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplings. The pump is fitted with a 1-phase, fan-cooled asynchronous motor.						
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range: Selected liquid temperature:	-20 120 °C 20 °C					
	Density:	20 C 998.2 kg/m <sup>3</sup>					
	Density.	000.2 Ng/III					
	Technical:						
	Pump speed on which pump dat	a are based: 2789 rpm					
	Rated flow:	3 m³/h					
	Rated head:	47.2 m					
	Pump orientation:	Vertical					
	Shaft seal arrangement:	Single					
	Code for shaft seal:	HQQE					
	Approvals:	CE,EAC,UKCA,SEPRO					
	Approvals for drinking water: Curve tolerance:	WRAS,ACS ISO9906:2012 3B					
	Curve tolerance.	1303300.2012 30					
	Materials:						
	Base:	Stainless steel					
		EN 1.4408					
		AISI 316					
	Impeller:	Stainless steel					
		EN 1.4401					
	Bearing:	AISI 316 SIC					
	Bearing:						
	Installation:						
	t max amb:	40 °C					
	Maximum operating pressure:	25 bar					
	Max pressure at stated temp:	25 bar / 120 °C					
		25 bar / -20 °C					
	Type of connection:	PJE					
	Size of inlet connection:	DN 32					
	Size of outlet connection:	DN 32					
	Pressure rating for connection:	PN 50 FT115					
	Flange size for motor:						
	Electrical data:						
	Motor standard:	IEC					
	Motor type:	90SB					
	Rated power - P2:	1.1 kW					
	Power (P2) required by pump:	1.1 kW					
	Mains frequency:	50 Hz					
	Rated voltage:	1 x 220-230/240 V					
	Rated current:	7.40/6.70 A					
	rom Grundfos Product Centre [2022 3	3 0011 1/8					

Description		
Starting current:	390 %	
Cos phi - power factor:	0.98/0.99	
Rated speed:	2770 rpm	
Rateu speeu.	2770 Ipin	
Motor efficiency at full load:	73-71 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor No:	85215705	
Controls:		
Frequency converter:	NONE	
Others:		
Minimum efficiency index, MEI		
Net weight:	32.3 kg	
Gross weight:	35.2 kg	
Shipping volume:	0.074 m <sup>3</sup>	
Country of origin:	GB	
Custom tariff no.:	84137075	

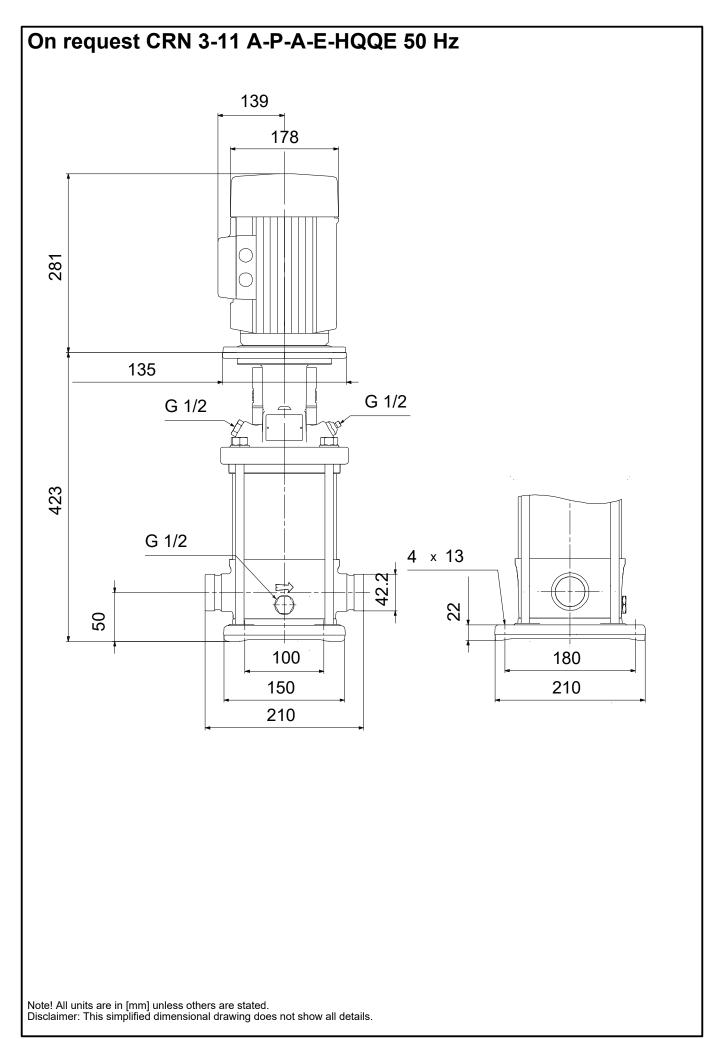


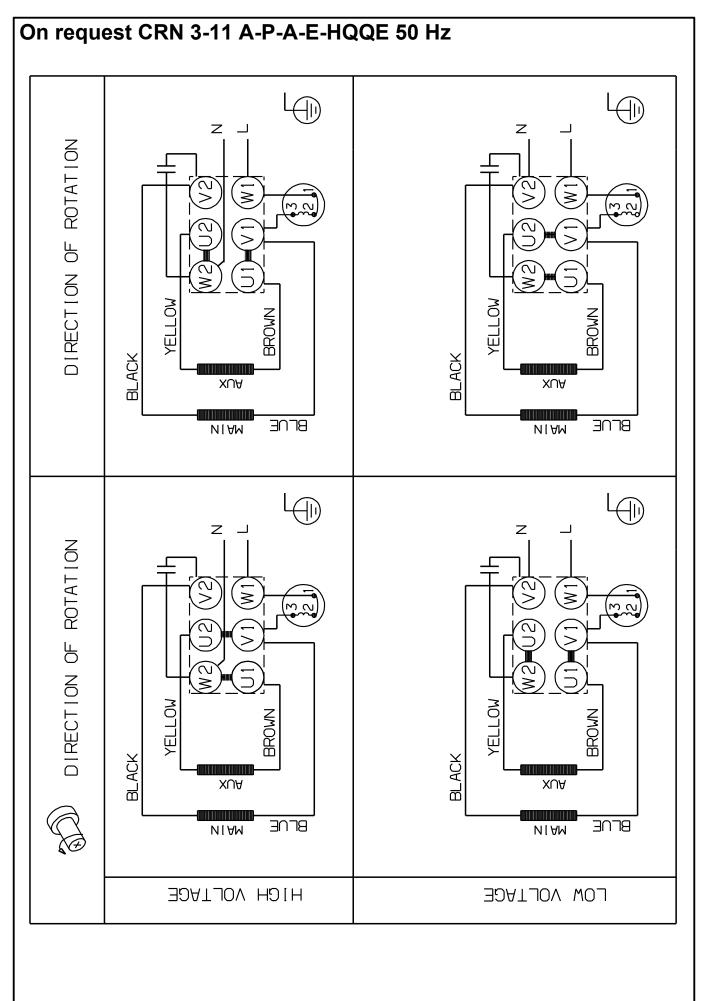
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Description	Value	H [m]	CRN 3-11, 1*230 V, 50Hz	eta [%]
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C	
Product name:	CRN 3-11	75 -	Density = 998.2 kg/m <sup>3</sup>	
	A-P-A-E-HQQE			
Product No:	On request	70 -		
EAN number:	On request	65 -		
Technical:		60 -		
Pump speed on which pump data are based:	2789 rpm	55 <b>-</b> 50 <b>-</b>		- 100
Rated flow:	3 m³/h			
Rated head:	47.2 m	45 -		- 90
Maximum head:	70 m	40 -		- 80
Stages:	11	35 -		- 70
Impellers:	11	30 -		- 60
Number of reduced-diameter impellers:	0	25 -		- 50
Low NPSH:	Ν	20 -		- 40
Pump orientation:	Vertical	15 -		- 30
Shaft seal arrangement:	Single	10 -		- 20
Code for shaft seal:	HQQE	5		10
Approvals:	CE,EAC,UKCA,SEPRO	0		
Approvals for drinking water:	WRAS,ACS	р Г	0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 Q [m³/h]	NPSH
Curve tolerance:	ISO9906:2012 3B	[Ŵ]		[m]
Pump version:	A	4000	P1	<u>_</u>
Model:	A	1200 -		-6
Materials:		1000 -		- 5
Base:	Stainless steel	800 -		4
Base:	EN 1.4408		P2	
Base:	AISI 316	600 -		- 3
Impeller:	Stainless steel	400 -		-2
Impeller:	EN 1.4401	200 -		-1
Impeller:	AISI 316	0		Lo
Material code:	Α			
Code for rubber:	E	4	139	
Bearing:	SIC			
Installation:		_		
t max amb:	40 °C	_		
Maximum operating pressure:	25 bar	281		
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 32	_		
Size of outlet connection:	DN 32	e.		
Pressure rating for connection:	PN 50	423		
Flange size for motor:	FT115			
Connect code:	Р	20		
Liquid:		ئ		
Pumped liquid:	Water		150	
Liquid temperature range:	-20 120 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³	66	DIRECTION OF ROTATION DIRECTION OF ROTA	TION
Electrical data:				
Motor standard:	IEC	_     [		
Motor type:	90SB	TAGE		Ľ
Rated power - P2:	1.1 kW	HIGH VOLTAGE		<u>/</u> N
Power (P2) required by pump:	1.1 kW	HIGH >		/ <u> </u>
Mains frequency:	50 Hz			€
Rated voltage:	1 x 220-230/240 V	_		
Rated current:	7.40/6.70 A			
Starting current:	390 %			
Cos phi - power factor:	0.98/0.99			
Rated speed:	2770 rpm	LOW VOLTAGE		<u>"                                    </u>
Motor efficiency at full load:	73-71 %	MAIN VOL		
Number of poles:	2	M H		/
Enclosure class (IEC 34-5):	55 Dust/Jetting			Ð
Insulation class (IEC 85):	F			

Printed from Grundfos Product Centre [2022.33.001]

Description	Value
Built-in motor protection:	PTO
Motor No:	85215705
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	32.3 kg
Gross weight:	35.2 kg
Shipping volume:	0.074 m³
Country of origin:	GB
Custom tariff no.:	84137075





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

Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		CRN 3-11	1	On request	Price of reques	
					reques	