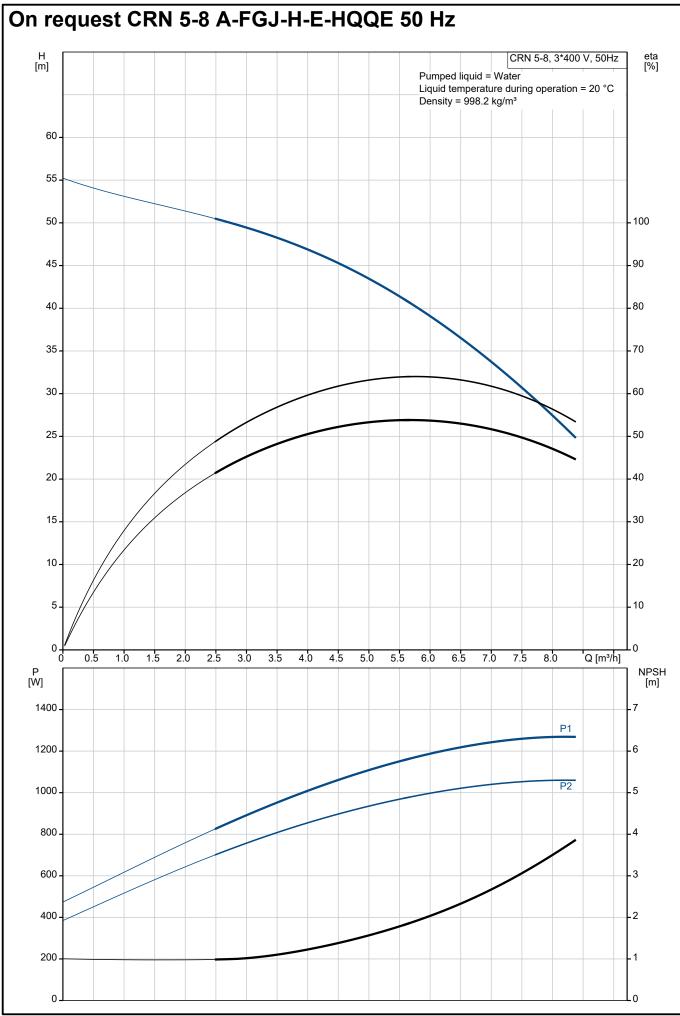
Qty.	Description					
<u>- ary.</u> 1	CRN 5-8 A-FGJ-H-E-HQQE					
		Note! Product picture may differ from actual product				
	Product No.: On request					
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in co with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, ar access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANS flanges.					
	The pump is fitted with a 3-phase	e, fan-cooled asynchronous motor.				
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -20 120 °C 20 °C 998.2 kg/m³				
	Technical: Pump speed on which pump dat Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals:	5.8 m³/h 40.3 m Vertical Single HQQE CE,EAC,UKCA,SEPRO				
	Approvals for drinking water: Curve tolerance:	WRAS,ACS ISO9906:2012 3B				
	Materials:					
	Base: Impeller:	Stainless steel EN 1.4408 AISI 316 Stainless steel				
		EN 1.4401 AISI 316				
	Bearing:	SIC				
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for connection: Flange rating inlet: Flange size for motor:	60 °C 25 bar 25 bar / 120 °C 25 bar / -20 °C DIN / ANSI / JIS DN 25/32 DN 25/32 PN 25 300 lb FT100				
	Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	IEC 80C IE3 1.1 kW 1.1 kW 50 Hz				

ty.	Description	
1	Rated voltage:	3 x 220-240D/380-415Y V
	Rated current:	4.35/2.50 A
	Starting current:	450-500 %
	Cos phi - power factor:	0.83-0.76
	Rated speed:	2840-2870 rpm
	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
	Controls:	
	Frequency converter:	NONE
	Others:	
	Minimum efficiency index, MEI ≥:	
	Net weight:	27.3 kg
	Gross weight:	30.2 kg
	Shipping volume:	0.074 m³
	Country of origin:	GB
	Custom tariff no.:	84137075
	1	

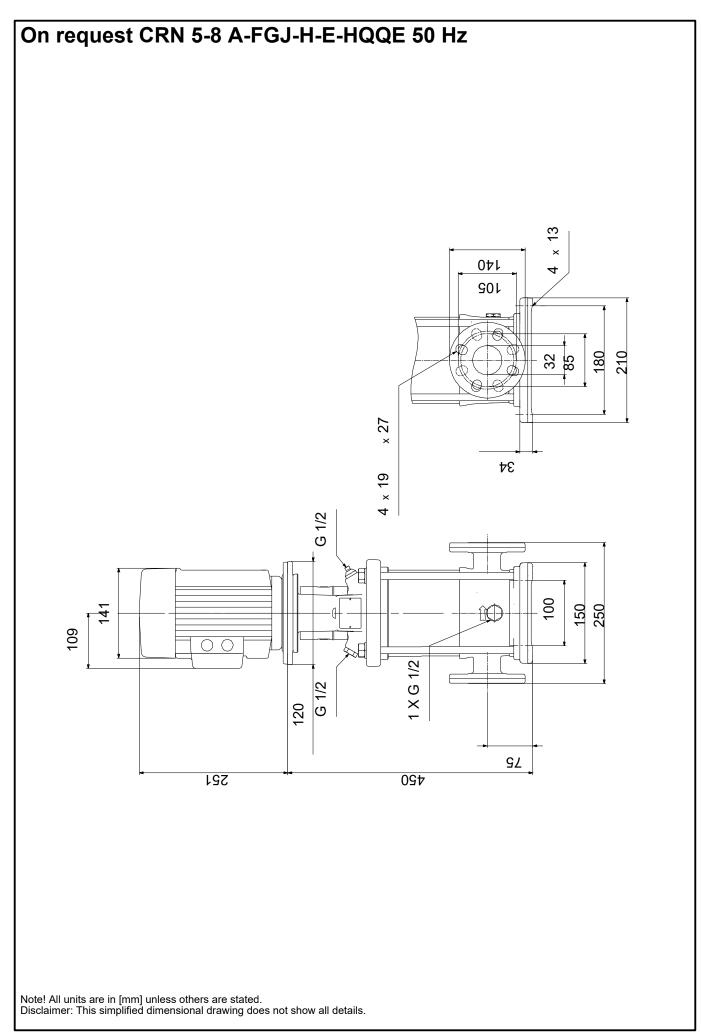


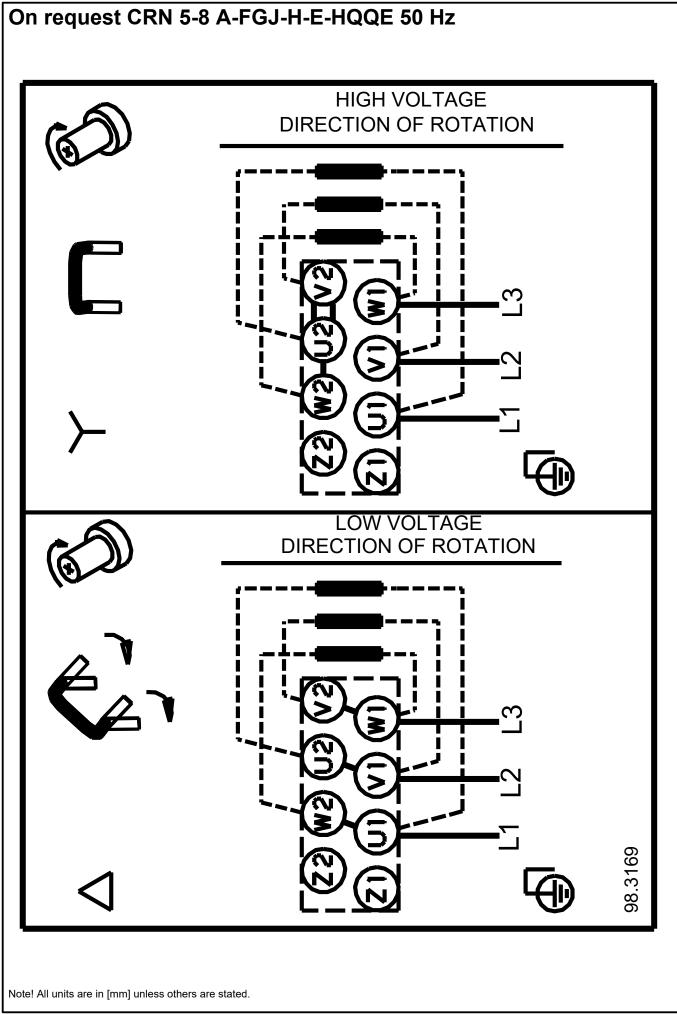
Printed from Grundfos Product Centre [2022.33.001]

Description	Value	H [m]	CRN 5-8, 3*400 V, 50Hz	eta [%]
General information:	Falue		Pumped liquid = Water	.,
Product name:	CRN 5-8	60 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m <sup>3</sup>	
Floduct hame.	A-FGJ-H-E-HQQE			
Product No:	On request	55 -		
EAN number:	On request	50 -		100
Technical:	· ·			
Pump speed on which pump data are based:	2853 rpm	45 - 40 -		- 90 - 80
Rated flow:	5.8 m³/h	-		
Rated head:	40.3 m	35 -		- 70
Maximum head:	56.5 m	30 -		- 60
Stages:	8			- 50
Impellers:	8	25 -		- 50
Number of reduced-diameter impellers:	0	20 -		- 40
Low NPSH:	Ν	15 -		- 30
Pump orientation:	Vertical	10-		[
Shaft seal arrangement:	Single	10 -		- 20
Code for shaft seal:	HQQE	5 -		10
Approvals:	CE,EAC,UKCA,SEPRO	· //		
Approvals for drinking water:	WRAS,ACS	- 0 <u>4</u>	1 2 3 4 5 6 7 Q [m <sup>3</sup> /h]	Lo
Curve tolerance:	ISO9906:2012 3B	P		NPSH
Pump version:	A	[Ŵ]		[m]
Model:	A	1200 -	P1	_6
Materials:		-		
Base:	Stainless steel	1000 -	P2	- 5
Base:	EN 1.4408	800 -		- 4
Base:	AISI 316	600 -		- 3
Impeller:	Stainless steel	-		
Impeller:	EN 1.4401	400 -		-2
Impeller:	AISI 316	200		- 1
Material code:	H	- <sub>0</sub> _		Lo
Code for rubber:	E			
Bearing:	SIC	1	109	
Installation:			141	
t max amb:	60 °C	-		
Maximum operating pressure:	25 bar	-		
Max pressure at stated temp:	25 bar / 120 °C	251		
Max pressure at stated temp:	25 bar / -20 °C	-	ŢIIII	
Type of connection:	DIN / ANSI / JIS	120		
Size of inlet connection:	DN 25/32	G 1)	12 G 1/2	
Size of outlet connection:	DN 25/32	-		
Pressure rating for connection:	PN 25	929 <u>1 X (</u>	G 1/2	
Flange rating inlet:	300 lb	-		
Flange size for motor:	FT100	52		
Connect code:	FGJ	• • • •		
Liquid:				
Pumped liquid:	Water		210	
Liquid temperature range:	-20 120 °C			
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³		HIGH VOLTAGE DIRECTION OF ROTATION	
Electrical data:				
Motor standard:	IEC	-		
Motor type:	80C			
IE Efficiency class:	IE3			
Rated power - P2:	1.1 kW	-		
Power (P2) required by pump:	1.1 kW	-   ≻-		
Mains frequency:	50 Hz	·   ′		
Rated voltage:	3 x 220-240D/380-415Y V	(C)		
Rated current:	4.35/2.50 A	-		
	450-500 %	ר 🎝		
Starting current:	/•	1 16 / 71		
Starting current: Cos phi - power factor:	0.83-0.76	·   ❤∽ '		
Cos phi - power factor:	0.83-0.76 2840-2870 rpm	· ·		
-	0.83-0.76 2840-2870 rpm IE3 82,7%			

Printed from Grundfos Product Centre [2022.33.001]

Description	Value	
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	
Built-in motor protection:	NONE	
Motor No:	85U05105	
Controls:		
Frequency converter:	NONE	
Others:		
Minimum efficiency index, MEI ≥:	0.57	
Net weight:	27.3 kg	
Gross weight:	30.2 kg	
Shipping volume:	0.074 m³	
Sales region:	Great Britain	
Country of origin:	GB	
Custom tariff no.:	84137075	





		Order Da	ta:		
Position	Your pos.	Product name	Amount	Product No	Total
		CRN 5-8	1	On request	Price o reques
					reques