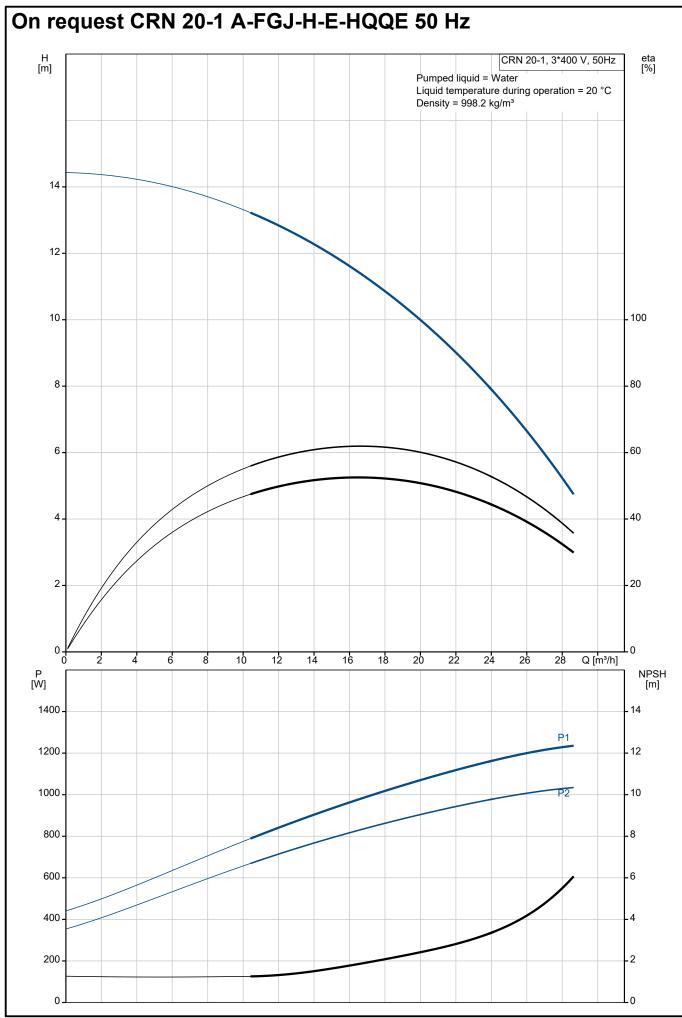
	Description				
Qty.	-				
1	CRN 20-1 A-FGJ-H-E-HQQE				
		Note! Product picture may differ from actual product			
	Product No.: On request				
Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materia with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe hand access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined D flanges.					
	The pump is fitted with a 3-phase	e, fan-cooled asynchronous motor.			
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range: Selected liquid temperature:	-20 120 °C 20 °C			
	Density:	998.2 kg/m ³			
	Technical: Pump speed on which pump data Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals: Approvals for drinking water: Curve tolerance: Materials: Base:	a are based: 2853 rpm 21 m³/h 9.9 m Vertical Single HQQE CE,EAC,UKCA,SEPRO WRAS,ACS ISO9906:2012 3B Stainless steel EN 1.4408 AISI 316			
	Impeller:	Stainless steel EN 1.4401 AISI 316 SIC			
	Bearing:				
	Installation:				
	t max amb: Maximum operating processors	60 °C 25 bar			
	Maximum operating pressure: Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C			
	Type of connection:	DIN / ANSI / JIS			
	Size of inlet connection: Size of outlet connection:	DN 50 DN 50			
	Pressure rating for connection:	PN 25			
	Flange rating inlet:	300 lb			
	Flange size for motor:	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			

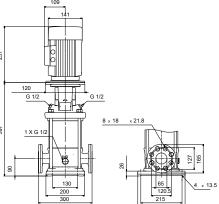
ty.	Description	
1	Rated voltage:	3 x 220-240D/380-415Y V
	Rated current:	4.35/2.50 A
	Starting current:	450-500 %
	Cos phi - power factor:	0.83-0.76
	Rated speed:	2840-2870 rpm
	Efficiency:	IE3 82,7%
	Motor efficiency at full load:	82.7 %
	Motor efficiency at 3/4 load:	84.6 %
	Motor efficiency at 1/2 load:	85.4 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting F
	Insulation class (IEC 85):	
	Motor No:	85U05105
	Controls:	
	Frequency converter:	NONE
	Others:	
	Minimum efficiency index, MEI ≥	
	Net weight:	37 kg
	Gross weight:	50 kg
	Shipping volume:	0.173 m³
	Country of origin:	GB
	Custom tariff no.:	84137075



Description	Value	H [m]		CRN 20-1, 3*	400 V, 50Hz
General information:	Fuido		Pumped liquid		Ham = 20 °C
Product name:	CRN 20-1		Density = 998.	iture during operat 2 kg/m³	uon = 20 °C
	A-FGJ-H-E-HQQE				
Product No:	On request	14 -			
EAN number:	On request				
Technical:		12 -			
Pump speed on which pump data are based:	2853 rpm				
Rated flow:	21 m³/h	10		-	
Rated head:	9.9 m				
Maximum head:	14 m	8 -			
Stages:	2				
Impellers:	1	6 -			
Number of reduced-diameter impellers:	0			\rightarrow	$\langle \rangle$
Low NPSH:	Ν	4			\mathbf{N}
Pump orientation:	Vertical	/			
Shaft seal arrangement:	Single	2-			, i
Code for shaft seal:	HQQE				
Approvals:	CE,EAC,UKCA,SEPRO				
Approvals for drinking water:	WRAS,ACS	0 <u>/</u>	5 10 15	20 2	25 Q [m³/h
Curve tolerance:	ISO9906:2012 3B	P [W]			
Pump version:	Α				
Model:	Α	1200 -			P1
Materials:		_			
Base:	Stainless steel	1000 -			P2
Base:	EN 1.4408	800 -			
Base:	AISI 316	600 -			
Impeller:	Stainless steel	- 400			
Impeller:	EN 1.4401	400			/
Impeller:	AISI 316	200 -			
Material code:	Н	0			
Code for rubber:	E				
Bearing:	SIC	109			
Installation:		1	41		
t max amb:	60 °C				
Maximum operating pressure:	25 bar				
Max pressure at stated temp:	25 bar / 120 °C	221 0 C			
Max pressure at stated temp:	25 bar / -20 °C				
Type of connection:	DIN / ANSI / JIS	120 G 1/2	G 1/2		
Size of inlet connection:	DN 50	<u></u>			
Size of outlet connection:	DN 50		<u>8 × 18 × 21.8</u>	_	
Pressure rating for connection:	PN 25	26 <u>1 X G 1/2</u>			
Flange rating inlet:	300 lb				
Flange size for motor:	FT100			127	
Connect code:	FGJ			65 4 x 1	3.5
Liquid:				215	
Pumped liquid:	Water		-	248	
Liquid temperature range:	-20 120 °C				
Selected liquid temperature:	20 °C				
Density:	998.2 kg/m³		HIGH VOLTAGE DIRECTION OF ROTATION		
Electrical data:		(@	i		
Motor standard:	IEC				
Motor type:	80C				
IE Efficiency class:	IE3				
Rated power - P2:	1.1 kW				
Power (P2) required by pump:	1.1 kW	\mid \succ			
Mains frequency:	50 Hz				
Rated voltage:	3 x 220-240D/380-415Y \		LOW VOLTAGE DIRECTION OF ROTATION		
Rated current:	4.35/2.50 A	- `` , []]			
Starting current:	450-500 %	- 🗲 🚬 🛛 🕅			
Cos phi - power factor:	0.83-0.76	- ❤4' \[]	K© <u>+</u> H−⊐		
Rated speed:	2840-2870 rpm	- [
Efficiency:	IE3 82,7%	- ``	<u>196</u>	98.3169	
Emoloney.					

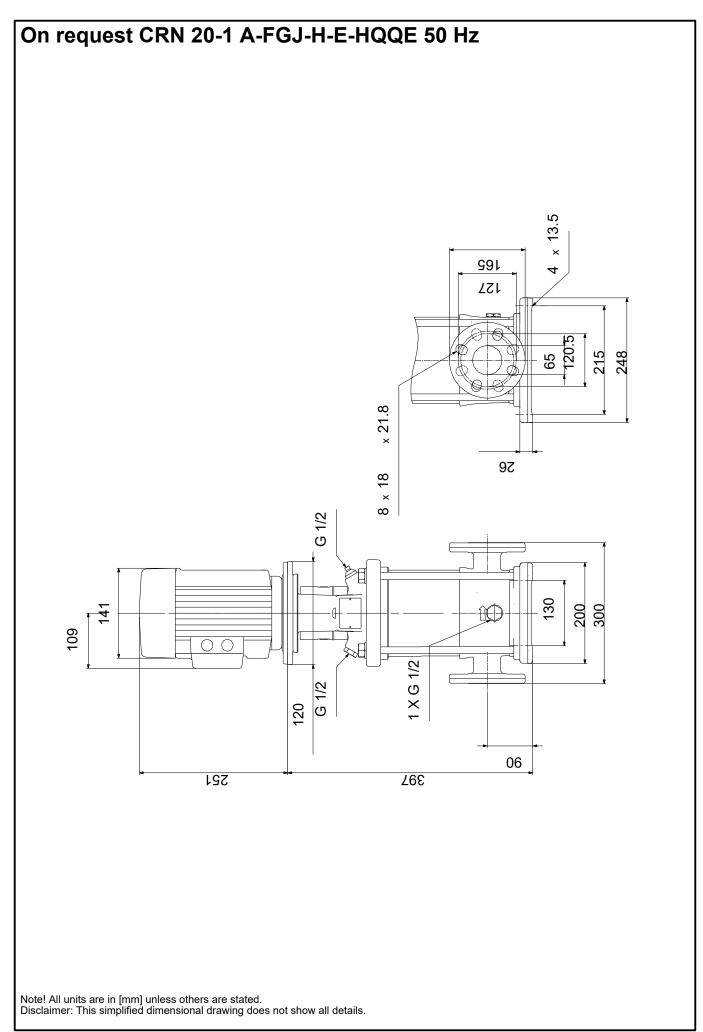
- 100 - 80 - 60 - 40 20 0 25 Q [m³/h] NPSH [m] P1 12 - 10 P2 - 8 - 6 - 4 -2 Lo

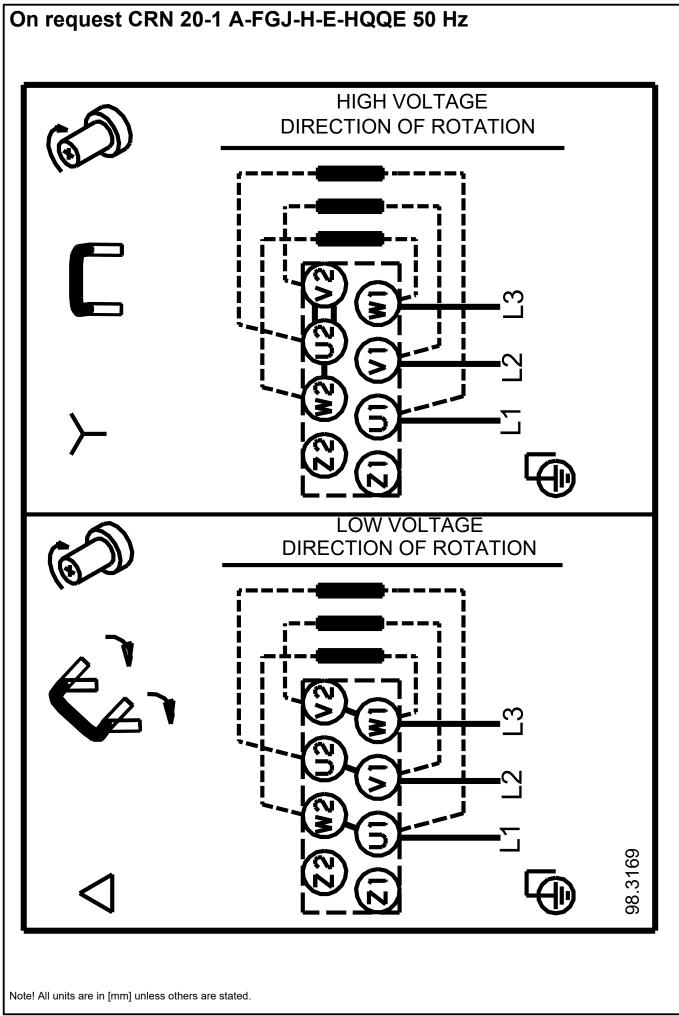
eta [%]



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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 ≥:	0.70
Net weight:	37 kg
Gross weight:	50 kg
Shipping volume:	0.173 m³
Sales region:	Great Britain
Country of origin:	GB
Custom tariff no.:	84137075





Position Your pos. Product name Amount Product No CRN 20-1 1 On request Image: CRN 20-1 Image: CRN 20-	
CRN 20-1 1 On request	Total
	Price or reque
	reque