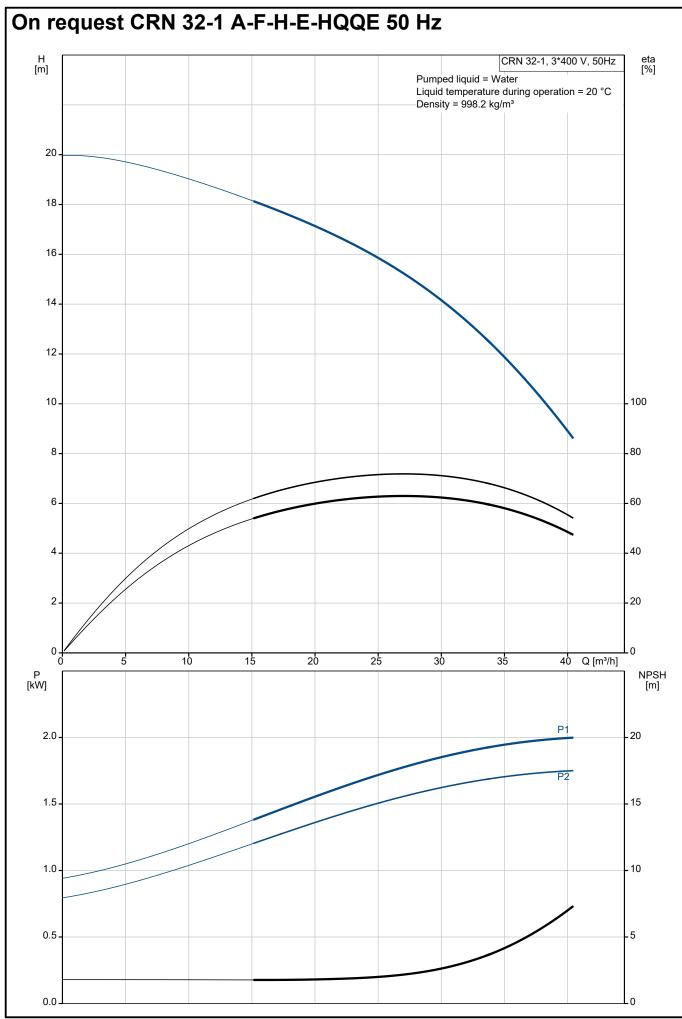
Qty.	Description						
<u>- (1</u>	CRN 32-1 A-F-H-E-HQQE						
	Product No.: On request	Note! Product picture may differ from actual product					
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling.						
		mission is via a rigid split coupling. Pipe connection is via ĎÍN flanges.					
		e, fan-cooled asynchronous motor.					
	Liquid:	Matan					
	Pumped liquid:	Water					
	Liquid temperature range:	-40 120 °C					
	Selected liquid temperature: Density:	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: Approvals for drinking water: Curve tolerance: Materials: Base:	30 m <sup>3</sup> /h 14.1 m Vertical Single HQQE CE,EAC,UKCA,SEPRO WRAS,ACS ISO9906:2012 3B					
	Impeller:	EN 1.4408 AISI 316 Stainless steel EN 1.4401					
		AISI 316					
	Bearing:	SIC					
	Support bearing:	Grafion					
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp:	60 °C 16 bar 16 bar / 120 °C 16 bar / -40 °C					
	Type of connection:	DIN					
	Size of inlet connection:	DN 65					
	Size of outlet connection:	DN 65					
	Pressure rating for connection: Flange size for motor:	PN 40 FT115					
	Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump:	IEC 90LE IE3 2.2 kW 2.2 kW					
	Mains frequency:	50 Hz					

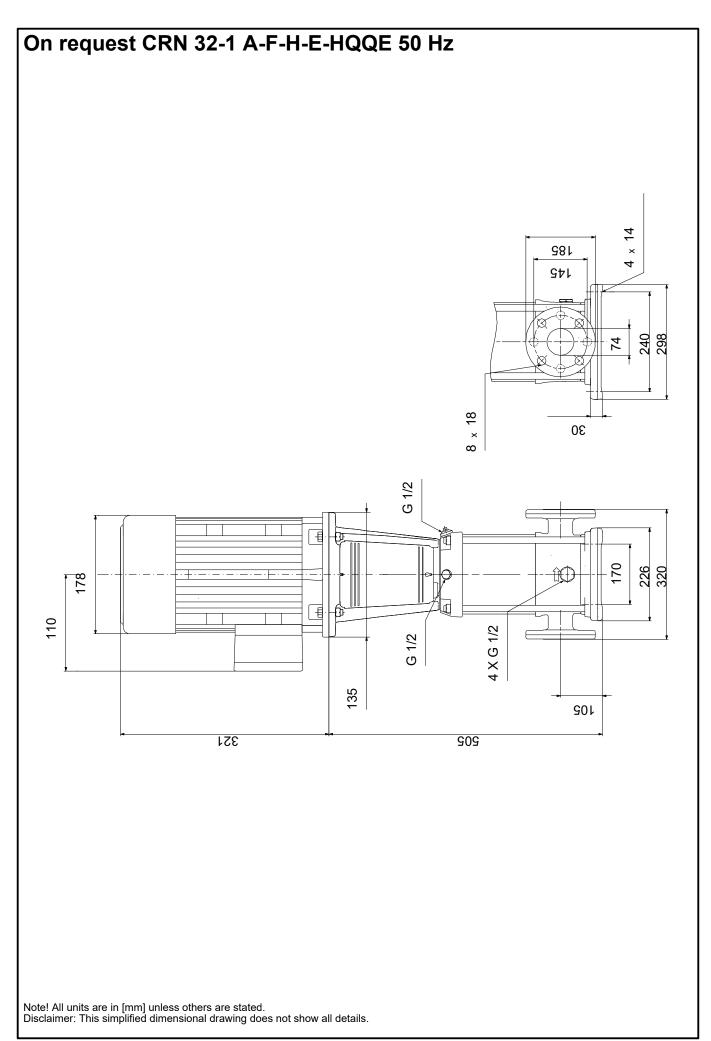
F S C F E N	Rated current: Starting current: Cos phi - power factor: Rated speed:	3 x 220-240D/380-415Y V 8.00/4.60 A 840-920 % 0.86-0.80		
F S C F E N	Rated current: Starting current: Cos phi - power factor: Rated speed:	840-920 %		
S F E N	Starting current: Cos phi - power factor: Rated speed:	840-920 %		
C F E N	Cos phi - power factor: Rated speed:			
F E N	Rated speed:			
E N N		2890-2910 rpm		
N	Efficiency:	IE3 85,9%		
N		85.9-85.9 %		
		88.2 %		
P		88.0 %		
		2 FF Duct/ lattice		
		55 Dust/Jetting		
	Insulation class (IEC 85):	F		
	Motor No:	85U01908		
	Controls:			
	Frequency converter:	NONE		
	Others:			
	Minimum efficiency index, MEI ≥:			
		67.8 kg		
		90.7 kg		
		0.309 m <sup>3</sup>		
	, ,	GB		
	Custom tariff no.:	84137075		

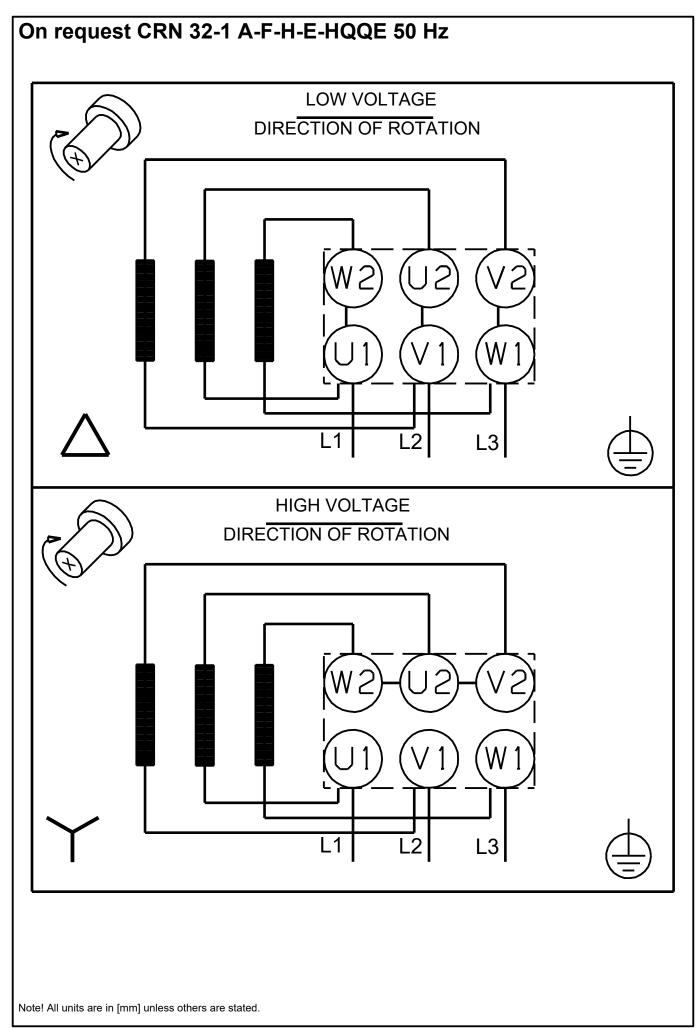


Description	Value	H [m]	CRN 32-1, 3*400 V, 50Hz	eta [%]
General information:	Value	[[11]	Pumped liquid = Water	[70]
	CRN 32-1	-	Liquid temperature during operation = 20 °C Density = 998.2 kg/m <sup>3</sup>	
Product name:	A-F-H-E-HQQE	20 -	Density - 990.2 kg/m	
Product No:	On request			
FAN number	On request	18 -		
Technical:	0	16 -		
Pump speed on which pump data are	2899 rpm			
based:	2899 Ipili	14 -		
Rated flow:	30 m³/h	-		
Rated head:	14.1 m	12 -		
Maximum head:	19.7 m	10 -		- 100
Stages:	1			- 100
Impellers:	1	8-		- 80
Number of reduced-diameter impellers:	0	-		
Low NPSH:	N	6-		- 60
Pump orientation:	Vertical	4 _		- 40
Shaft seal arrangement:	Single	4 -		-40
Code for shaft seal:	HQQE	2 -		- 20
	CE,EAC,UKCA,SEPRO	-		
Approvals:	JE,EAU,UNUA,JEFRU	0_	5 10 15 20 25 30 35 Q [m <sup>3</sup> /h]	0
Approvals for drinking water:	WRAS,ACS	0 P	0 5 10 15 20 25 30 35 Q [m³/h]	NPSH
Curve tolerance:	ISO9906:2012 3B	P [kW]		[m]
Pump version:	A	2.0 -	P1	_ 20
Model:	В	-		
Materials:	В	1.5 -	P2	- 15
Base:	Stainless steel	- 1.0 -		_ 10
				10
Base:	EN 1.4408	1.0 -		- 10
Base:	AISI 316	_		
Impeller:	Stainless steel	0.5 -		- 5
Impeller:	EN 1.4401	_		
Impeller:	AISI 316	0.0		0
Material code:	Н			
Code for rubber:	E	٦	110	
Bearing:	SIC			
Support bearing:	Graflon			
Installation:				
t max amb:	60 °C	321		
Maximum operating pressure:	16 bar			
Max pressure at stated temp:	16 bar / 120 °C	_		
Max pressure at stated temp:	16 bar / -40 °C	135		
Type of connection:	DIN			
Size of inlet connection:	DN 65	-	<u>G 1/2</u> <u>G 1/2</u>	
Size of outlet connection:	DN 65	505	β⊒/ταβγ    8 × 18	
Pressure rating for connection:	PN 40	4	1 X G 1/2	
Flange size for motor:	FT115	-		
Connect code:	F	105		
Liquid:		_ • +		
Pumped liquid:	Water		226 320 298	
Liquid temperature range:	-40 120 °C	-		
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³		DIRECTION OF ROTATION	
Electrical data:	J	-   `-		
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		HIGH VOLTAGE	
	3 x 220-240D/380-415Y		DIRECTION OF ROTATION	
Rated voltage:	3 X 220-240D/380-415Y V	<sup>₩</sup>		
Rated current:	8.00/4.60 A	-		
Starting current:	840-920 %	-   📋	∎ ∎ <u>(</u> w2)-(∪2)-(∨2)	
Cos phi - power factor:	0.86-0.80	-   📕		
Rated speed:		-   📍		
	2890-2910 rpm			
Efficiency:	IE3 85,9%	_   '		

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Description	Value	
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	
Built-in motor protection:	NONE	
Motor No:	85U01908	
Controls:		
Frequency converter:	NONE	
Others:		
Minimum efficiency index, MEI ≥:	0.70	
Net weight:	67.8 kg	
Gross weight:	90.7 kg	
Shipping volume:	0.309 m³	
Sales region:	Great Britain	
Country of origin:	GB	
Custom tariff no.:	84137075	





Order Data:					
Position	Your pos.	Product name	Amount	Product No	Total
		CRN 32-1	1	On request	Price o reques
					reques