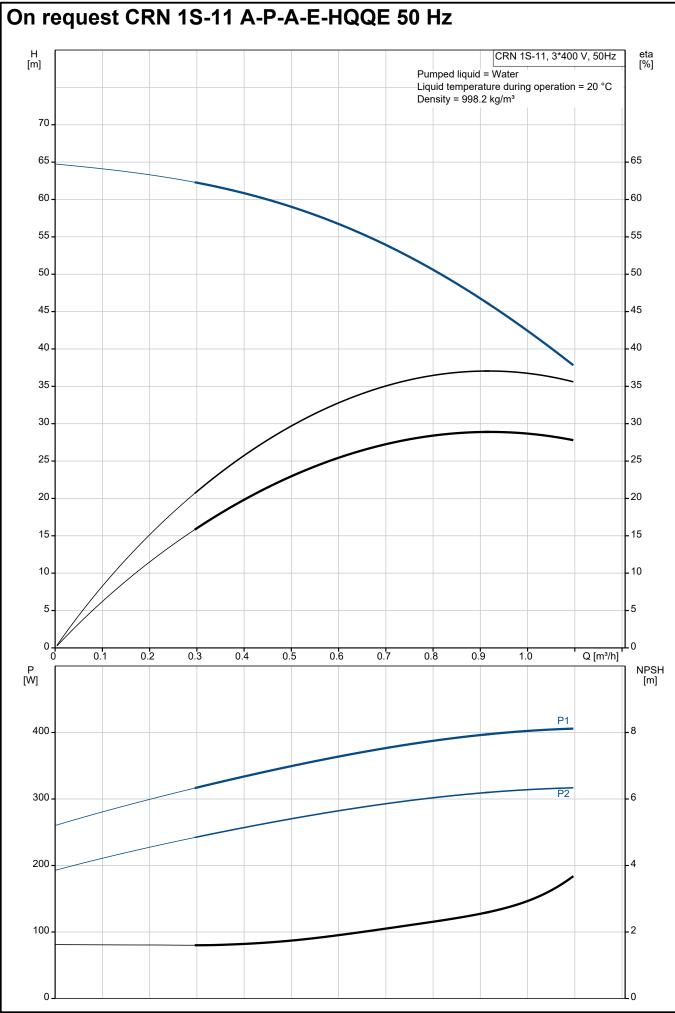
Qty.	Description						
1	CRN 1S-11 A-P-A-E-HQQE						
	Amuni -						
	A DA						
	e //						
		Note! Product picture may differ from actual product					
	Product No.: On request						
	Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade staipless steel. Power transmission is via a rigid split coupling. Pipe connection is via						
	with the liquid are in high-grade stainless steel. Power transmission is via a rigid split coupling. Pipe connection is via PJE (Victaulic®) couplings.						
	The pump is fitted with a 3-phase, fan-cooled asynchronous motor.						
		o, lan ooolou doynomonodo 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 dat	a are based: 2873 rpm					
	Rated flow:	0.9 m³/h					
	Rated head:	43.5 m					
	Pump orientation:	Vertical					
	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					
	•	EN 1.4401					
		AISI 316					
	Bearing:	SIC					
	Installation:						
	t max amb:	60 °C					
	Maximum operating pressure:	25 bar					
	Max pressure at stated temp:	25 bar / 120 °C					
	Turne of commentations	25 bar / -20 °C					
	Type of connection: Size of inlet connection:	PJE DN 22					
1	Size of inlet connection: Size of outlet connection:	DN 32 DN 32					
	Pressure rating for connection:	DN 52 PN 50					
	Flange size for motor:	FT85					
	Electrical data:						
	Motor standard:	IEC					
	Motor type:	71A					
	IE Efficiency class:	IE3					
	Rated power - P2:	0.37 kW					
	Power (P2) required by pump:	0.37 kW					
	Mains frequency:	50 Hz					
	Rated voltage:	3 x 220-240D/380-415Y V					
	Rated current:	1.74/1.00 A					

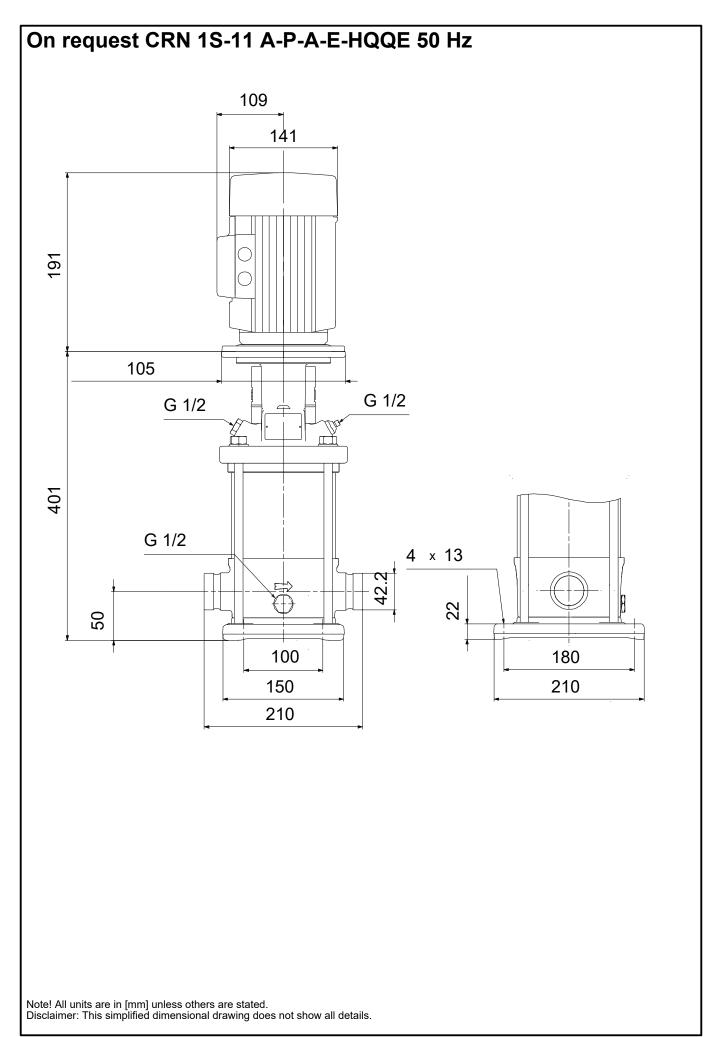
ty.	Description	
1	Starting current:	490-530 %
	Cos phi - power factor:	0.80-0.70
	Rated speed:	2850-2880 rpm
	Efficiency:	IE3 73,8%
	Motor efficiency at full load:	73.8 %
	Motor efficiency at 3/4 load:	79.0 %
	Motor efficiency at 1/2 load:	75.5 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85805102
	Motor No.	05005102
	Controls:	
	Frequency converter:	NONE
	Others:	
	Minimum efficiency index, MEI ≥:	0.54
	Net weight:	19.7 kg
	Gross weight:	22.4 kg
	Shipping volume:	0.063 m ³
	Danish VVS No.:	385910511
	Country of origin:	GB
	Custom tariff no.:	84137075
		04107070
	1	

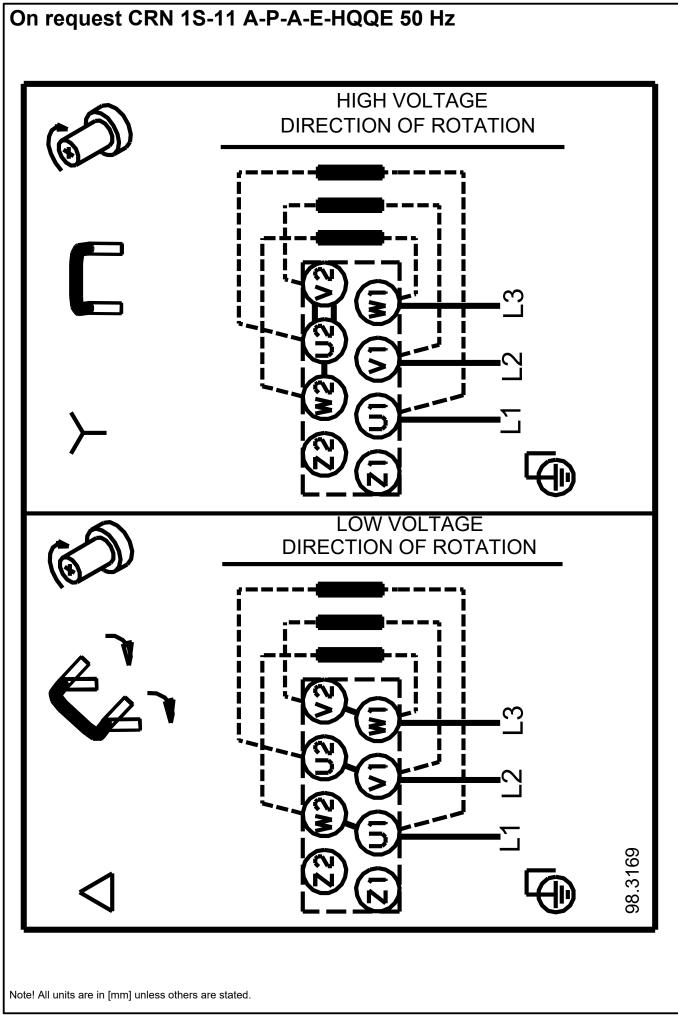


Description	Value	H [m]	CRN 1S-11, 3*400 V, 50Hz [%]
General information:	Value	[]	Pumped liquid = Water
Product name:	CRN 1S-11	70 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³
Floduct hame.	A-P-A-E-HQQE	65 -	- 65
Product No:	On request	60 -	- 60
EAN number:	On request		
Technical:	•	55 -	-55
Pump speed on which pump data are based:	2873 rpm	50 - 45 -	50
Rated flow:	0.9 m³/h		
Rated head:	43.5 m	40 -	-40
Maximum head:	64.5 m	35 -	35
Stages:	11	30 -	30
Impellers:	11	25 -	25
Number of reduced-diameter impellers:	0		
Low NPSH:	N	20 -	-20
Pump orientation:	Vertical	15 -	15
Shaft seal arrangement:	Single	10 -	- 10
Code for shaft seal:	HQQE		
Approvals:	CE,EAC,UKCA,SEPRO	5 -	-5
Approvals. Approvals for drinking water:	WRAS,ACS	. 0 <u>4</u>	0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 Q[m ³ /h]
Curve tolerance:	ISO9906:2012 3B	P F	0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 Q [m ^{-/} n]
Pump version:	A	P [W]	[m]
Model:	A	400 -	P1 8
Materials:	~~		
Base:	Stainless steel	300 -	P2 - 6
Base:	EN 1.4408	-	
Base:	AISI 316	200 -	4
Impeller:	Stainless steel		
	EN 1.4401	100 -	2
Impeller: Impeller:	AISI 316	100 -	
Material code:			
	A	0	0
Code for rubber:		4	109
Bearing:	SIC		
Installation:			
t max amb:	60 °C		
Maximum operating pressure:	25 bar	191	
Max pressure at stated temp:	25 bar / 120 °C		
Max pressure at stated temp:	25 bar / -20 °C		
Type of connection:	PJE	10	
Size of inlet connection:	DN 32		<u>G 1/2</u> <u>G 1/2</u>
Size of outlet connection:	DN 32		
Pressure rating for connection:	PN 50	401	
Flange size for motor:	FT85		G 1/2
Connect code:	Р		
Liquid:		20	
Pumped liquid:	Water	• +	
Liquid temperature range:	-20 120 °C		
Selected liquid temperature:	20 °C		210
Density:	998.2 kg/m³		
Electrical data:		2	HIGH VOLTAGE DIRECTION OF ROTATION
Motor standard:	IEC	(C)	·
Motor type:	71A		
IE Efficiency class:	IE3		
Rated power - P2:	0.37 kW		
Power (P2) required by pump:	0.37 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-415Y V		
Rated current:	1.74/1.00 A	6	
Starting current:	490-530 %		
Cos phi - power factor:	0.80-0.70		
Rated speed:	2850-2880 rpm	V 27	
Efficiency:	IE3 73,8%		
Motor efficiency at full load:	73.8 %		
Motor efficiency at 3/4 load:	79.0 %		
	13.0 /0	1 1	

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Description	Value	
Motor efficiency at 1/2 load:	75.5 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Built-in motor protection:	NONE	
Motor No:	85805102	
Controls:		
Frequency converter:	NONE	
Others:		
Minimum efficiency index, MEI ≥:	0.54	
Net weight:	19.7 kg	
Gross weight:	22.4 kg	
Shipping volume:	0.063 m³	
Danish VVS No.:	385910511	
Country of origin:	GB	
Custom tariff no.:	84137075	





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