Qty. | Description

1 CRN 15-1 A-P-A-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 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 3-phase, fan-cooled asynchronous 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 data are based: 2853 rpm

Rated flow: 17 m³/h
Rated head: 9.9 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: $60 \, ^{\circ}\text{C}$ Maximum operating pressure: $25 \, \text{bar}$

Max pressure at stated temp: 25 bar / 120 °C

25 bar / -20 °C

Type of connection:

Size of inlet connection:

DN 50

Size of outlet connection:

Pressure rating for connection:

Flange size for motor:

PJE

DN 50

PN 50

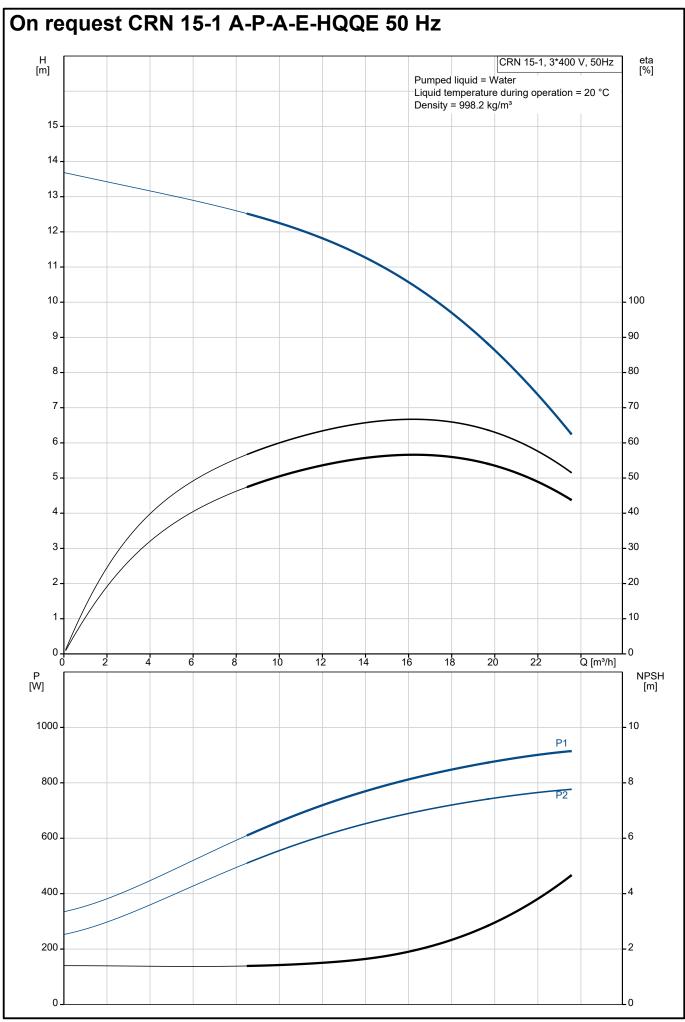
FT100

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

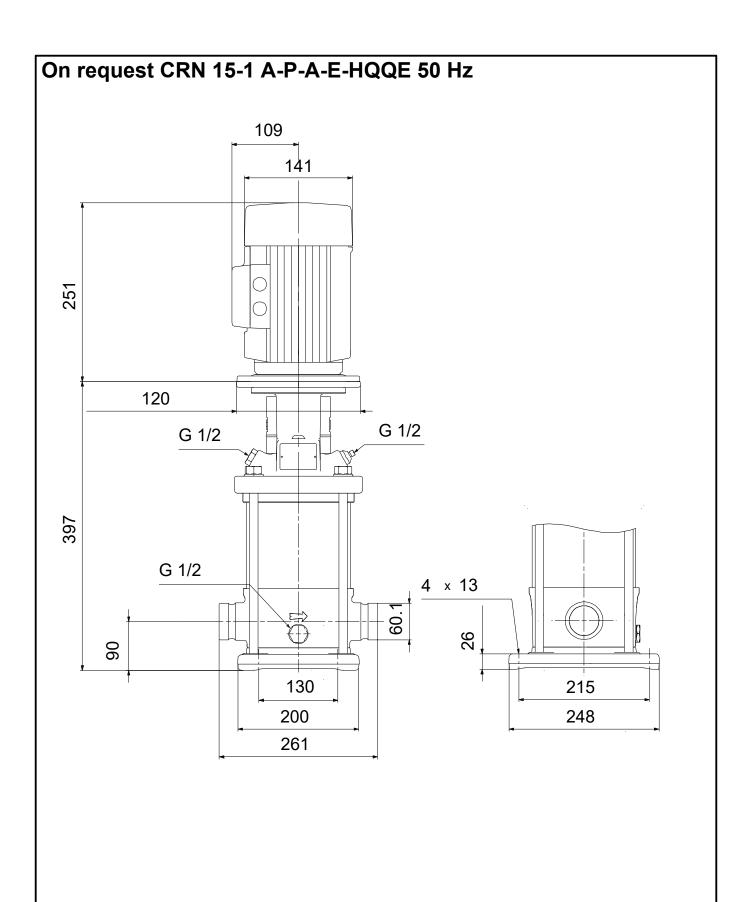
Rated voltage: 3 x 220-240D/380-415Y V

Qty. Description 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): Motor No: 85U05105 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.70 Net weight: 34 kg Gross weight: 38 kg Shipping volume: 0.094 m³ Danish VVS No.: 385914010 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m]	CRN 15-1, 3*400 V, 50Hz	eta [%]
General information:		. <u> </u>	Pumped liquid = Water Liquid temperature during operation = 20 °C	
Product name:	CRN 15-1	15	Density = 998.2 kg/m³	
	A-P-A-E-HQQE	14 🗕		
Product No:	On request	13 -		
EAN number:	On request	12		
Technical:	•			
Pump speed on which pump data are	2853 rpm	11		
based:	2000 Ipili	10		- 100
Rated flow:	17 m³/h	9		- 90
Rated head:	9.9 m	8 -		- 80
Maximum head:	13.5 m			
Stages:	2	7 -		- 70
Impellers:	1	6 -	\	- 60
•		5		- 50
Number of reduced-diameter impellers:	0	4		- 40
Low NPSH:	N			
Pump orientation:	Vertical	3 -		_30
Shaft seal arrangement:	Single	2		- 20
Code for shaft seal:	HQQE	1		- 10
Approvals:	CE,EAC,UKCA,SEPRO		/	
••		0 <u>¥</u>	5 10 15 20 Q [m³/h]	Lo
Approvals for drinking water:	WRAS,ACS	P [NPSH
Curve tolerance:	ISO9906:2012 3B	[W]		[m]
Pump version:	A	1000	P1	- 10
Model:	A	800		-8
Materials:		300 -	P2	
Base:	Stainless steel	600		-6
Base:	EN 1.4408			-
Base:	AISI 316	400		_4
Impeller:	Stainless steel	200		_2
Impeller:	EN 1.4401			
Impeller:	AISI 316	ل ه		Lo
Material code:	A			
Code for rubber:	E	Ti	109	
Bearing:	SIC	·	141	
Installation:		ĺ		
t max amb:	60 °C			
Maximum operating pressure:	25 bar	251		
Max pressure at stated temp:	25 bar / 120 °C		71111111111	
Max pressure at stated temp:	25 bar / -20 °C			
Type of connection:	PJE	120	0.4/2	
Size of inlet connection:	DN 50		G 1/2	
Size of outlet connection:	DN 50			
		397		
Pressure rating for connection:	PN 50		1/2	
Flange size for motor:	FT100	_ _ =	4 × 13	
Connect code:	Р	06	TE N	
Liquid:		· —	130 215	
Pumped liquid:	Water		200 248	
Liquid temperature range:	-20 120 °C		261	
Selected liquid temperature:	20 °C			
Density:	998.2 kg/m³		HIGH VOLTAGE	
Electrical data:	_		DIRECTION OF ROTATION	
Motor standard:	IEC	"	[]	
Motor type:	80C		 	
IE Efficiency class:	IE3	L		
Rated power - P2:	1.1 kW	_	T-08-11-1	
•				
Power (P2) required by pump:	1.1 kW			
Mains frequency:	50 Hz	L	<u> </u>	
Rated voltage:	3 x 220-240D/380-415Y V	6	LOW VOLTAGE DIRECTION OF ROTATION	
	•	100	; 	
Rated current:	4.35/2.50 A	٠,		
Starting current:	450-500 %			
Cos phi - power factor:	0.83-0.76			
Rated speed:	2840-2870 rpm			
Efficiency:	IE3 82,7%		``[\$\G\ <u></u>	
	82.7 %		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Motor efficiency at full load:				

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:	34 kg		
Gross weight:	38 kg		
Shipping volume:	0.094 m³		
Danish VVS No.:	385914010		
Country of origin:	GB		
Custom tariff no.:	84137075		



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

On request CRN 15-1 A-P-A-E-HQQE 50 Hz **HIGH VOLTAGE DIRECTION OF ROTATION** LOW VOLTAGE **DIRECTION OF ROTATION** Note! All units are in [mm] unless others are stated.

	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		CRN 15-1	1	On request	Price on request			