Qty. | Description

1 | CRN 1-3 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: 2873 rpm

Rated flow: 1.8 m³/h
Rated head: 15.6 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 32

Size of outlet connection:

Pressure rating for connection:

PN 50

Flange size for motor:

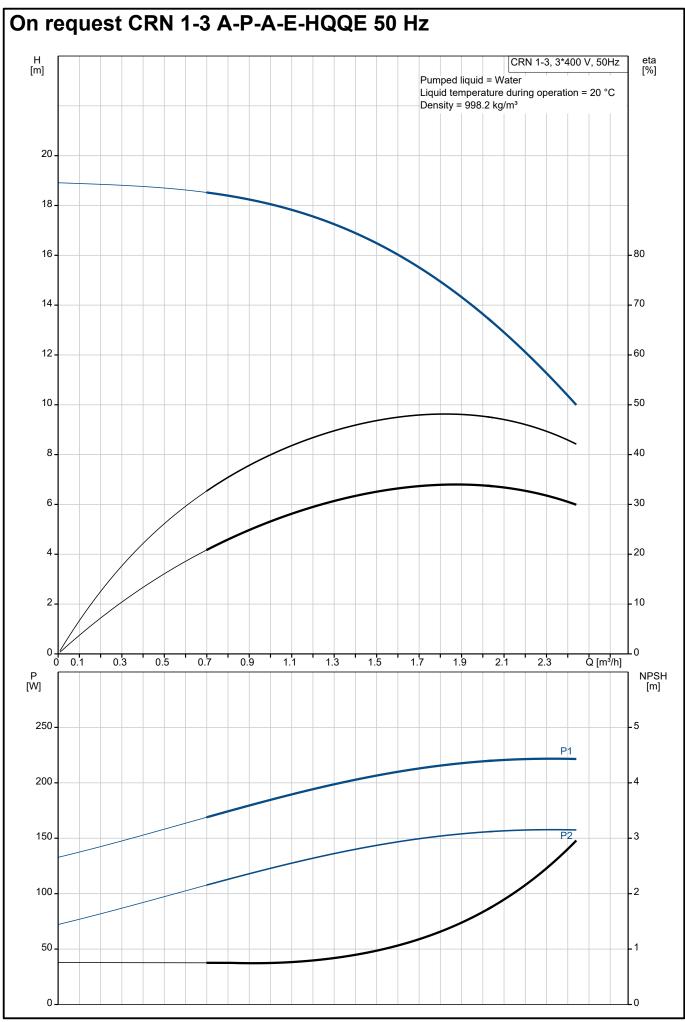
FT85

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

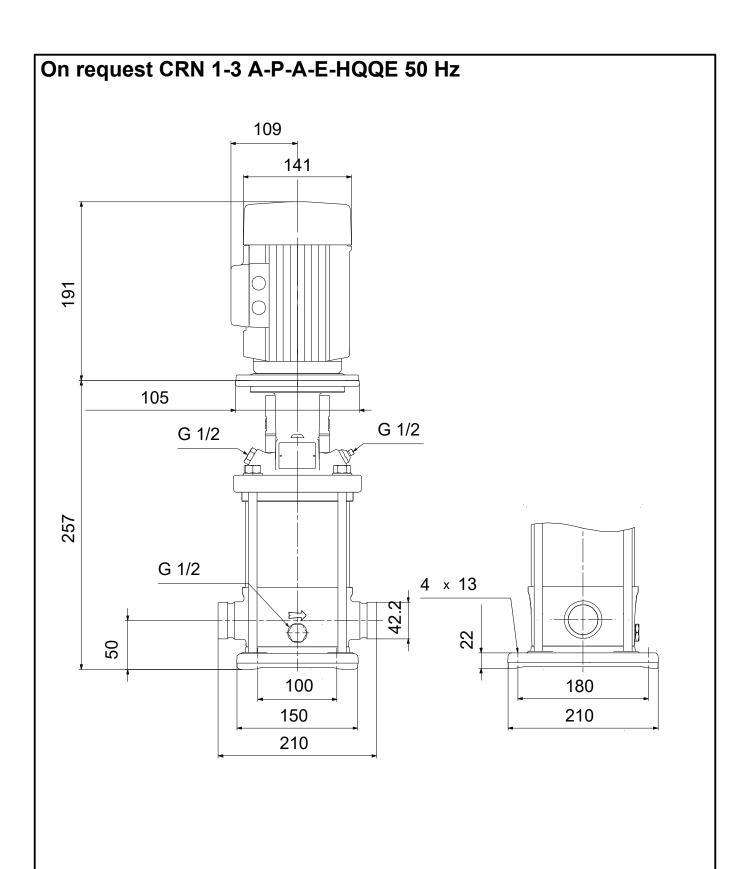
Rated voltage: 3 x 220-240D/380-415Y V

Description Rated current: 1.74/1.00 A 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: Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): Motor No: 85805102 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.70 Net weight: 16.6 kg Gross weight: 19.3 kg Shipping volume: 0.054 m³ Danish VVS No.: 385910003 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m]	CRN 1-3, 3*400 V, 50Hz eta
General information:	T aluc	,	Pumped liquid = Water
Product name:	CRN 1-3		Liquid temperature during operation = 20 °C Density = 998.2 kg/m³
r roddot namo.	A-P-A-E-HQQE	20 =	
Product No:	On request	18 -	
EAN number:	On request	5-	
Technical:		16 -	80
Pump speed on which pump data are based:	2873 rpm	14 =	70
Rated flow:	1.8 m³/h	12 -	-60
Rated head:	15.6 m		1
Maximum head:	19.2 m	10 -	- 50
Stages:	3		
Impellers:	3	8 -	40
Number of reduced-diameter impellers:	0	6 -	30
Low NPSH:	N	_ 0-	
Pump orientation:	Vertical	4 _	20
Shaft seal arrangement:	Single		
Code for shaft seal:	HQQE	2 -	10
Approvals:	CE,EAC,UKCA,SEPRO	0 -	0
Approvals for drinking water:	WRAS,ACS	_ P	NPSH
Curve tolerance:	ISO9906:2012 3B	[W]	[m]
Pump version:	A	250 -	P1 5
Model:	A	200 -	4
Materials:			
Base:	Stainless steel	150 -	P2, 3
Base:	EN 1.4408		
Base:	AISI 316	100 -	2
Impeller:	Stainless steel		
Impeller:	EN 1.4401	50 _	1
Impeller:	AISI 316	0 -	
Material code:	A		
Code for rubber:	E	4	109
Bearing:	SIC		141
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	1	105
Type of connection:	PJE	- 	G 1/2 G 1/2
Size of inlet connection:	DN 32	_	
Size of outlet connection:	DN 32	- 12	
Pressure rating for connection:	PN 50	257	
Flange size for motor:	FT85		G 1/2 4 × 13
Connect code:	Р	- <u>_</u>	
Liquid:		29	
Pumped liquid:	Water		150
Liquid temperature range:	-20 120 °C		210
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		HIGH VOLTAGE
Electrical data:			DIRECTION OF ROTATION
Motor standard:	IEC	- ['	
Motor type:	71A		[
IE Efficiency class:	IE3	- L	<u>ੑ</u> ੑੵੑ ``# ः
Rated power - P2:	0.37 kW	_	(` ` ````
Power (P2) required by pump:	0.37 kW	_ >-	
Mains frequency:	50 Hz	- <i>'</i>	
Rated voltage:	3 x 220-240D/380-415Y V	(C)	LOW VOLTAGE DIRECTION OF ROTATION
Rated current:	1.74/1.00 A	_	
Starting current:	490-530 %	- <u>~</u>)	
Cos phi - power factor:	0.80-0.70		ᢇ ˈཁྡྡྡྡྡྡ̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣̣
Rated speed:	2850-2880 rpm	-	
Efficiency:	IE3 73,8%	-	
Motor efficiency at full load:	73.8 %	-	
			L_377

Description	Value		
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		
Built-in motor protection:	NONE		
Motor No:	85805102		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	16.6 kg		
Gross weight:	19.3 kg		
Shipping volume:	0.054 m³		
Danish VVS No.:	385910003		
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 1-3 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 1-3	1	On request	Price on request			
					request			
			<u> </u>	<u> </u>				