Qty. | Description

1 CRN 3-2 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: 3 m³/h
Rated head: 9.6 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:

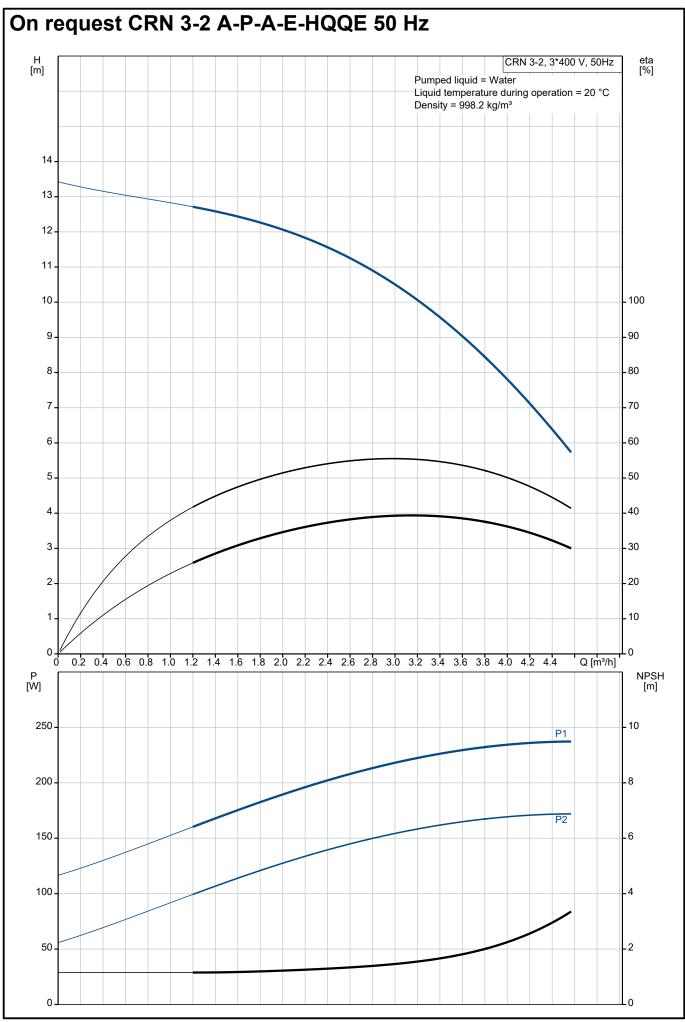
FT85

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

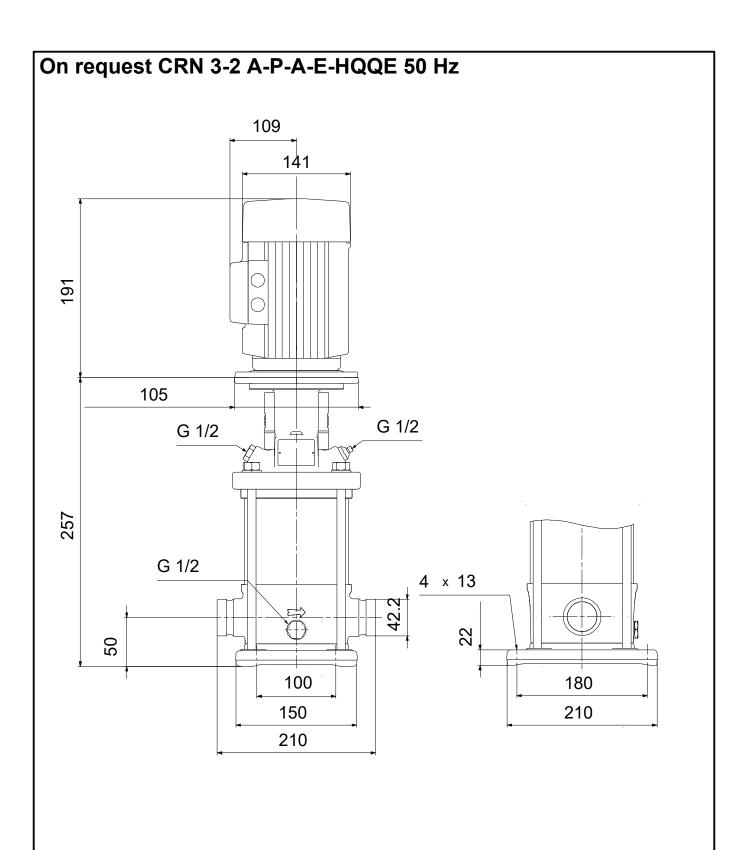
Rated voltage: 3 x 220-240D/380-415Y V

Qty. 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: 16.4 kg Gross weight: 19.1 kg Shipping volume: 0.054 m³ Danish VVS No.: 385911002 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m] CRN 3-2, 3*400 V, 50Hz	eta [%]
General information:		Pumped liquid = Water Liquid temperature during operation = 20 °C	
Product name:	CRN 3-2	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	2873 rpm	11-	
based:	2073 19111	10 -	- 100
Rated flow:	3 m³/h	9	- 90
Rated head:	9.6 m	8	- 80
Maximum head:	13.5 m	-	
Stages:	3	7	- 70
Impellers:	2	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 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 Q [m³/h]	- 0
Approvals for drinking water:	WRAS,ACS	Р	NPSH
Curve tolerance:	ISO9906:2012 3B	[W]	[m]
Pump version:	A	250 P1	- 10
Model:	A	200	-8
Materials:			-0
Base:	Stainless steel	150 - P2	- 6
Base:	EN 1.4408		- 0
Base:	AISI 316	100	_4
Impeller:	Stainless steel	50	_2
Impeller:	EN 1.4401		
Impeller:	AISI 316	01	- 0
Material code:	Α		
Code for rubber:	E	109 141	
Bearing:	SIC		
Installation:			
t max amb:	60 °C		
Maximum operating pressure:	25 bar	<u> </u>	
Max pressure at stated temp:	25 bar / 120 °C		
Max pressure at stated temp:	25 bar / -20 °C		
Type of connection:	PJE	105	
Size of inlet connection:	DN 32	G 1/2	
Size of outlet connection:	DN 32		
		752	
Pressure rating for connection:	PN 50	G 1/2	
Flange size for motor:	FT85	4 × 13	
Connect code:	Р	8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Liquid:		100 180	
Pumped liquid:	Water	150 210	
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		
	0.37 kW		
Rated power - P2:			
Power (P2) required by pump:	0.37 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-415Y	LOW VOLTAGE DIRECTION OF ROTATION	
-	V	DIRECTION OF ROTATION	
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 officiolog at full load.	7 0.0 70	ı \ ı= \\ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	

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:	16.4 kg		
Gross weight:	19.1 kg		
Shipping volume:	0.054 m³		
Danish VVS No.:	385911002		
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 3-2 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 3-2	1	On request	Price on request			
					request			