Qty. | Description

1 | CRN 10-3 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: 2853 rpm

Rated flow: 10 m³/h
Rated head: 23.1 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

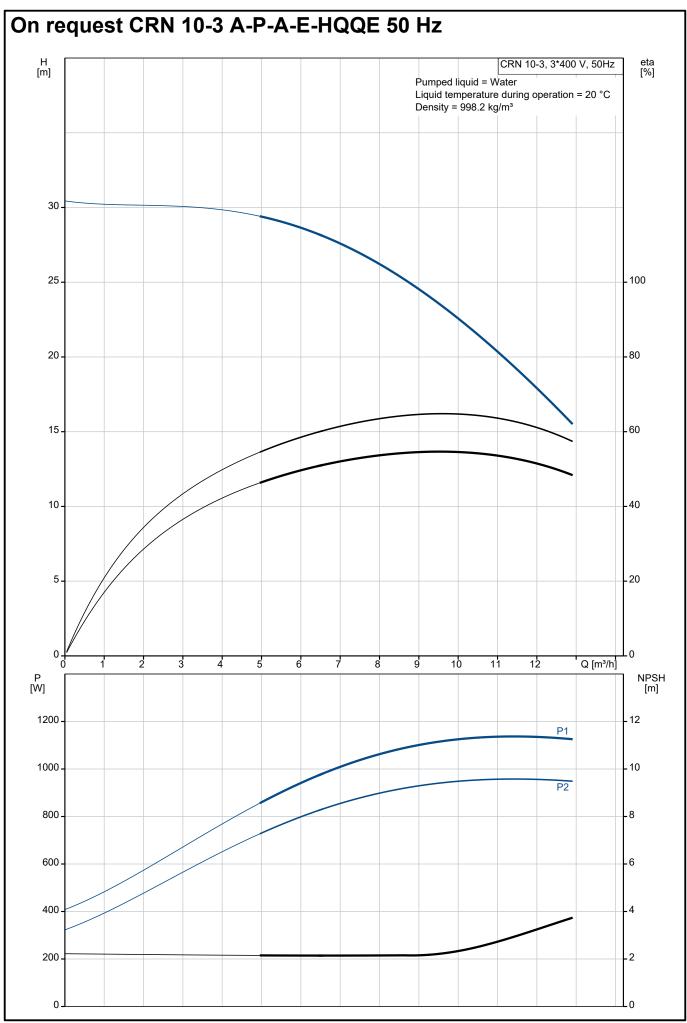
Type of connection: PJE
Size of inlet connection: DN 50
Size of outlet connection: DN 50
Pressure rating for connection: PN 50
Flange size for motor: FT100

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

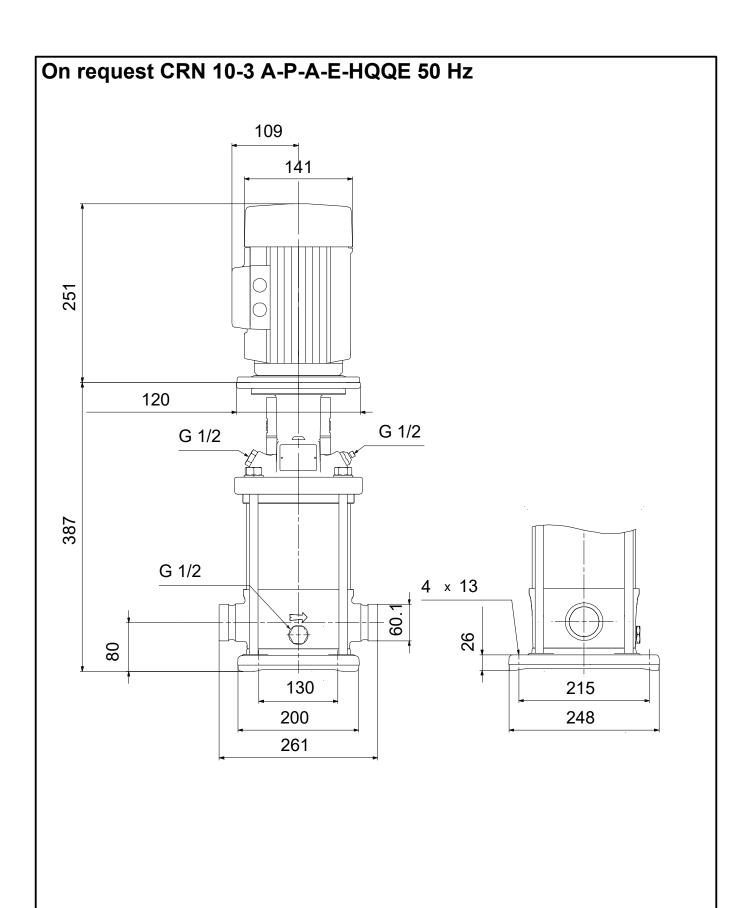
Rated voltage: 3 x 220-240D/380-415Y V

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.: 385913030 Norwegian NRF no.: 9040483 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m]	CRN 10-3, 3*400 V, 50Hz	eta [%]
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C	
Product name:	CRN 10-3		Density = 998.2 kg/m³	
roddername.	A-P-A-E-HQQE			
Product No:	On request	30		
EAN number:	On request	30 -		
Technical:		-		
Pump speed on which pump data are based	2853 rpm	25 -		100
		_		
Rated flow:	10 m³/h	20		- 80
Rated head:	23.1 m			
Maximum head:	30.3 m			
Stages:	3	15 -	,	- 60
Impellers:	3			
Number of reduced-diameter impellers:	0			
Low NPSH:	N	10 -		- 40
Pump orientation:	Vertical	-		
Shaft seal arrangement:	Single	5 -		- 20
Code for shaft seal:	HQQE	- "]		
	CE,EAC,UKCA,SEPRO	-	/	
Approvals:		0 <u>V</u>	2 4 6 8 10 Q [m³/h]	Lo
Approvals for drinking water:	WRAS,ACS	P [W]		NPSH
Curve tolerance:	ISO9906:2012 3B	[VV]	D4	[m]
Pump version:	Α		P1	
Model:	A	1000 -		- 10
Materials:		800	P2	_8
Base:	Stainless steel	800		T°
Base:	EN 1.4408	600		- 6
Base:	AISI 316	_		
		400 -		-4
Impeller:	Stainless steel	200		-2
Impeller:	EN 1.4401	2007		[
Impeller:	AISI 316	ــــ ه		Lo
Material code:	Α			
Code for rubber:	E	**	109	
Bearing:	SIC		141	
Installation:		Ī		
t max amb:	60 °C	-		
Maximum operating pressure:	25 bar	251		
Max pressure at stated temp:	25 bar / 120 °C	-	711111111111	
Max pressure at stated temp:	25 bar / -20 °C	400		
Type of connection:	PJE	120	G 1/2 G 1/2	
Size of inlet connection:	DN 50	- -		
Size of outlet connection:	DN 50	-	THE P	
Pressure rating for connection:	PN 50	387		
Flange size for motor:	FT100	_ G	1/2	
-		- -	4 × 13	
Connect code:	Р	- 8	8 8	
Liquid:	NA/ 4	- +	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:		6	DIRECTION OF ROTATION	
Motor standard:	IEC	- '	- 	
Motor type:	80C		rt- 	
IE Efficiency class:	IE3	- L		
Rated power - P2:	1.1 kW	-	1-96-1-	
Power (P2) required by pump:	1.1 kW	- .		
		_ }-		
Mains frequency:	50 Hz	_		
Rated voltage:	3 x 220-240D/380-415Y V	(C)	LOW VOLTAGE DIRECTION OF ROTATION	
Rated current:	4.35/2.50 A	- ' _	[]	
Starting current:	450-500 %	<u> </u>	r	
Cos phi - power factor:	0.83-0.76	E T		
Rated speed:	2840-2870 rpm	_	1 B & 1 1 1	
		-		
Efficiency: Motor efficiency at full load:	IE3 82,7%	_		
Mater etticienes, et full leed:	82.7 %		<u> </u>	

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.:	385913030		
Norwegian NRF no.:	9040483		
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 10-3 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.		Amount	Product No	Total		
		CRN 10-3	1	On request	Price o reques		
					reque		
				1			