Qty. | Description

1 | CRN 20-3 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: 2917 rpm

Rated flow: 21 m³/h
Rated head: 34.6 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 °C Maximum operating pressure: 25 bar

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

25 bar / -20 °C

Type of connection:

Size of inlet connection:

DN 50

Pressure rating for connection:

PN 50

Flange size for motor:

PJE

DN 50

PN 50

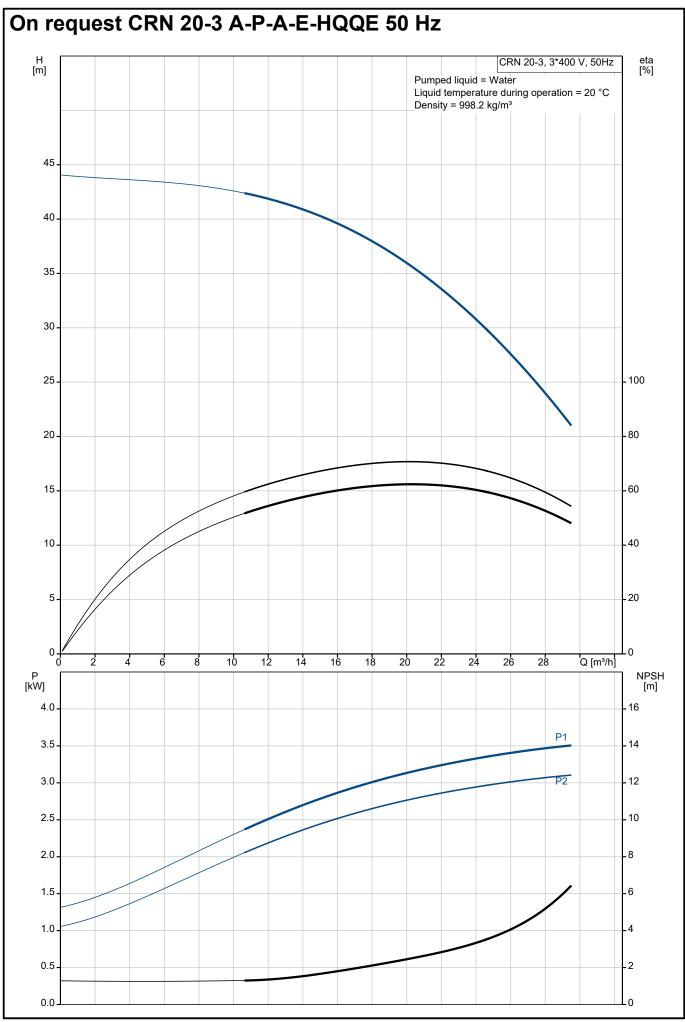
FT130

Electrical data:

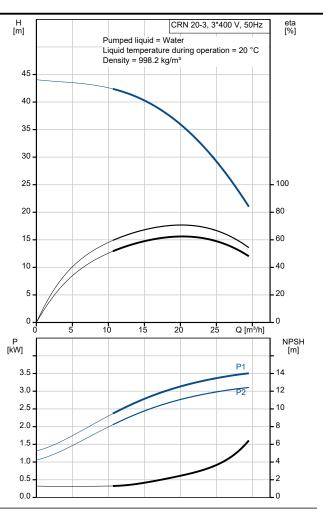
Motor standard: IEC
Motor type: 112MC
IE Efficiency class: IE3
Rated power - P2: 4 kW
Power (P2) required by pump: 4 kW
Mains frequency: 50 Hz

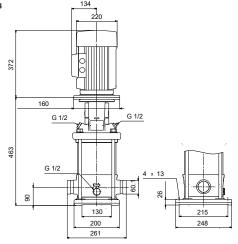
Rated voltage: 3 x 380-415D V

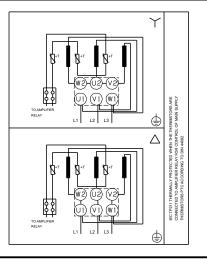
Qty. Description Rated current: 7.9 A 1000-1110 % Starting current: Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 3/4 load: 88.6 % Motor efficiency at 1/2 load: 85.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): Motor No: 85U15413 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.70 Net weight: 63 kg Gross weight: 67 kg Shipping volume: 0.13 m³ Danish VVS No.: 385915030 Country of origin: GB Custom tariff no.: 84137075



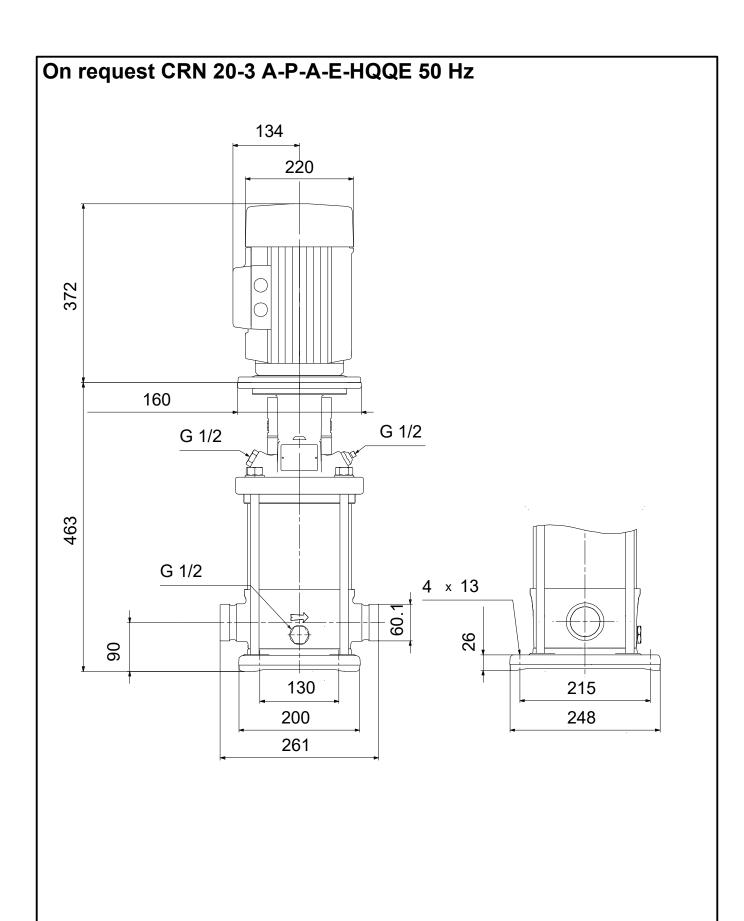
General information: Product name: CRN 20-3 A-P-A-E-HQQE Product No: EAN number: On request EAN number: Pump speed on which pump data are based: Rated flow: Rated head: Maximum head: Stages: Impellers: Number of reduced-diameter impellers: Code for shaft seal: Approvals: Approvals: Curve tolerance: Pump version: A Materials: Base: Base: Base: Base: Base: Impeller: Impeller: Stainless steel Impeller: Impeller: Inpeller: AlSI 316 Material code: A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material code: A A Material co				
Product name: CRN 20-3	Description	Value		
Product No:	General information:			
Product No:	Product name:			
EAN number: On request Technical: Pump speed on which pump data are based: Rated flow: 21 m³/h Rated head: 34.6 m Maximum head: 43.9 m Stages: 3 Impellers: 3 Number of reduced-diameter impellers: 0 Low NPSH: N 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 Pump version: A Model: A Materials: Base: Stainless steel Base: Stainless steel Impeller: Stainless steel Impeller: EN 1.4408 Base: AISI 316 Impeller: EN 1.4401 Impeller: EN 1.4501 Installation: t max amb: 60 °C Max pressure at stated temp: 25 bar / 120 °C Max pressure at stated temp: 25 bar / 120 °C Type of connection: DN 50 Size of inlet connection: DN 50 Flange size for motor: FT130 Connect code: P Liquid: Liquid temperature range: -20 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 112MC IE Efficiency class: IE3 Rated power - P2: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D V Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 %	Product No:			
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Maximum head:	Rated flow:	21 m³/h		
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Impellers:	Maximum head:	43.9 m		
Number of reduced-diameter impellers:	Stages:	3		
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Pumped liquid: Water Liquid temperature range: -20 120 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: IEC Motor type: 112MC IE Efficiency class: IE3 Rated power - P2: 4 kW Power (P2) required by pump: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D V Rated current: 7.9 A Starting current: 1000-1110 % Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 %	00001.00401	Р		
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Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 %				
Motor efficiency at full load: 88.1 %	•	•		
		·		
NIOTOL EHICIETICY at 3/4 IDaU. 88.0 %				
	wotor eniciency at 5/4 load:	UO.U 70		





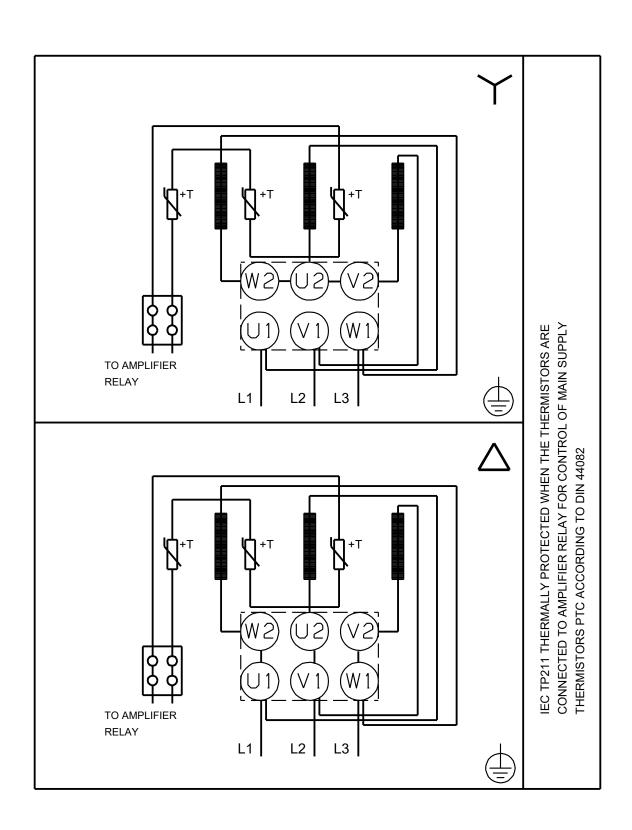


Description	Value		
Motor efficiency at 1/2 load:	85.2 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Built-in motor protection:	PTC		
Motor No:	85U15413		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	63 kg		
Gross weight:	67 kg		
Shipping volume:	0.13 m³		
Danish VVS No.:	385915030		
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 20-3 A-P-A-E-HQQE 50 Hz



Note! All units are in [mm] unless others are stated.

	Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total			
		CRN 20-3	1	On request	Price on request			
					request			