Qty. | Description

1 CRN 20-12 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: 2923 rpm

Rated flow: 21 m³/h
Rated head: 142.7 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

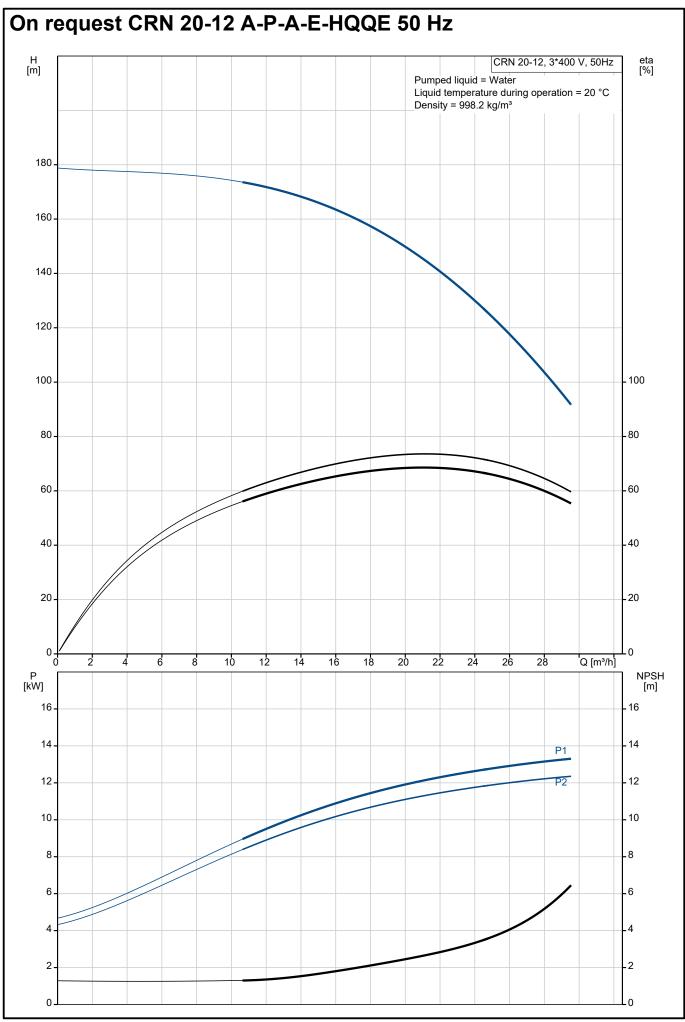
Type of connection: PJE
Size of inlet connection: DN 50
Size of outlet connection: DN 50
Pressure rating for connection: PN 50
Flange size for motor: FF300

Electrical data:

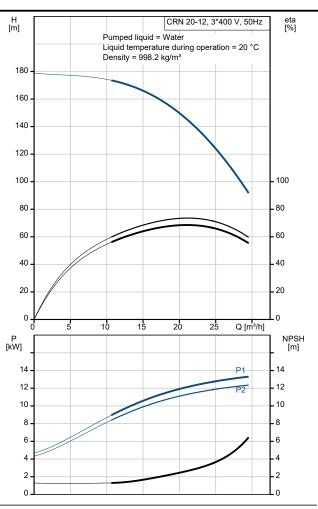
Motor standard: IEC
Motor type: 160MD
IE Efficiency class: IE3
Rated power - P2: 15 kW
Power (P2) required by pump: 15 kW
Mains frequency: 50 Hz

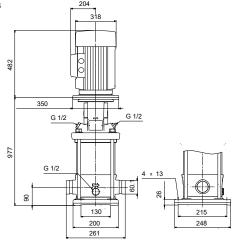
Rated voltage: 3 x 380-415D/660-690Y V

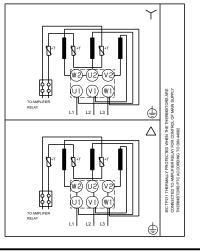
Qty. Description Rated current: 28,0-26,0/16,2-15,6 A Starting current: 660-780 % Cos phi - power factor: 0.89-0.87 Rated speed: 2930-2950 rpm Efficiency: IE3 91,9% Motor efficiency at full load: 91.9-91.9 % 92.4 % Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: 92.4 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): Motor No: 85U17526 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.70 Net weight: 157 kg Gross weight: 185 kg Shipping volume: 0.488 m³ Danish VVS No.: 385915120 Country of origin: GB Custom tariff no.: 84137075



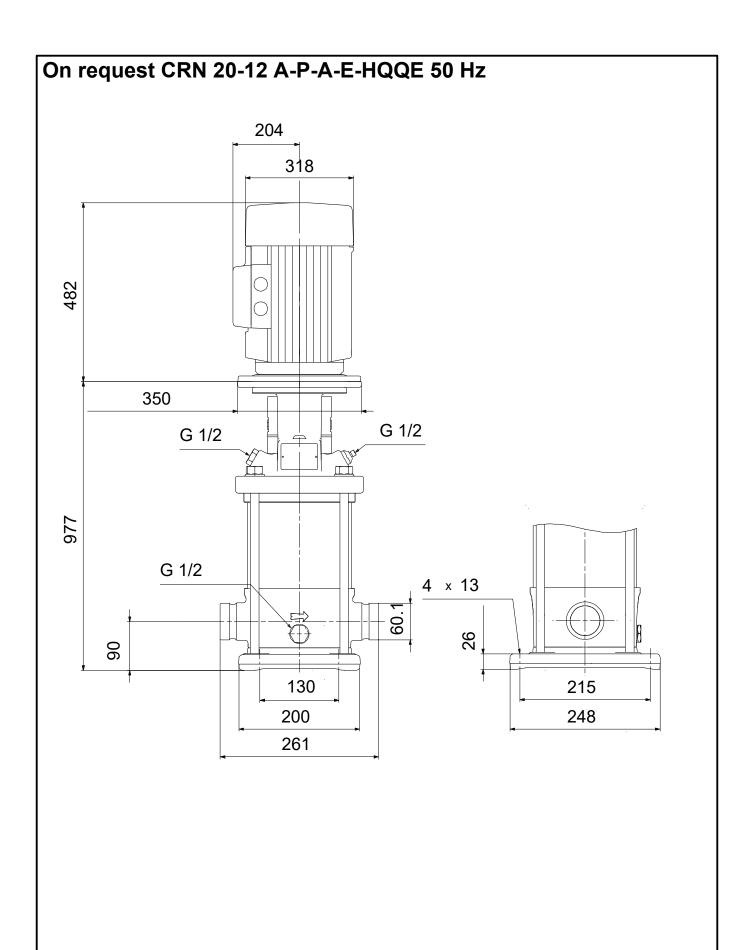
Description Value General Information: CRN 20-12 AP-AE-HQCE Product name: CRN 20-12 AP-AE-HQCE Product No: On request EAN number: On request Technical: Pump speed on which pump data are based: Pump speed on which pump data are based: 2923 rpm Rated flow: 21 m³/h Rated dead: 142.7 m Maximum head: 178 m Stages: 12 Impellers: 12 Number of reduced-diameter impellers: 0 Low NPSH: N Nump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals: CE_EAC,UKCA,SEPRO Ap					
Product name:		Value			
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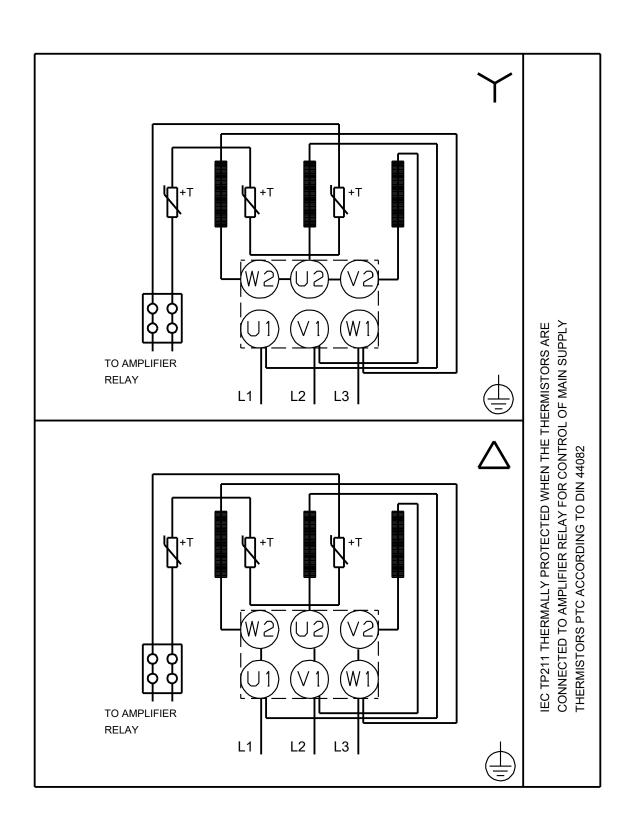


Description	Value		
Motor efficiency at 1/2 load:	92.4 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Built-in motor protection:	PTC		
Motor No:	85U17526		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	157 kg		
Gross weight:	185 kg		
Shipping volume:	0.488 m³		
Danish VVS No.:	385915120		
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 20-12 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 20-12	1	On request	Price on request			