Qty. | Description

1 CRN 5-10 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: 2896 rpm

Rated flow: 5.8 m³/h
Rated head: 51.8 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

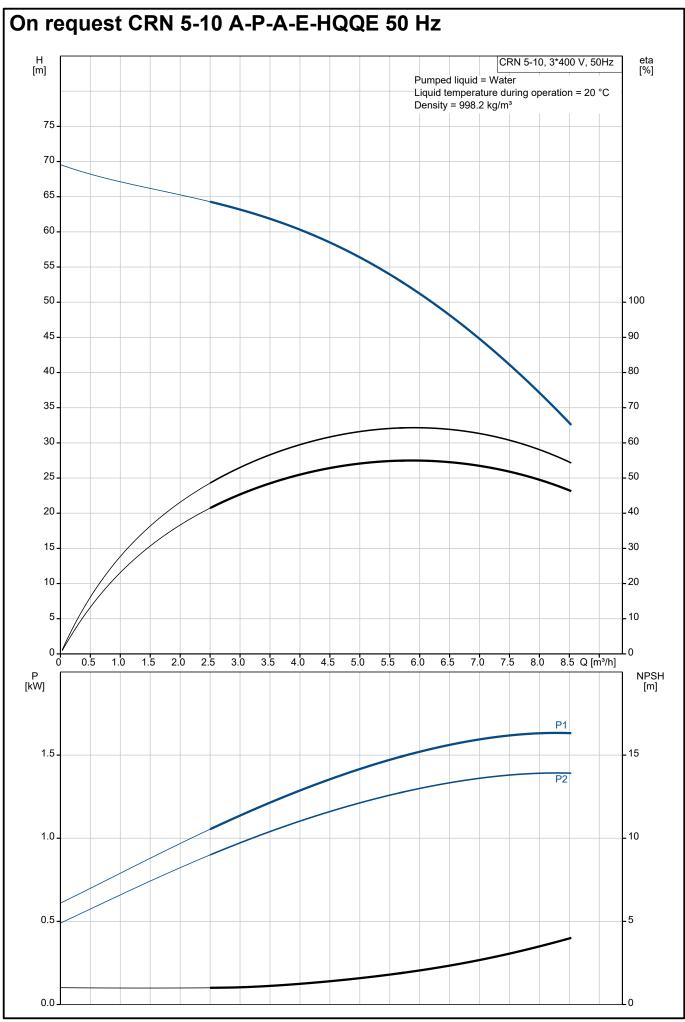
Type of connection: PJE
Size of inlet connection: DN 32
Size of outlet connection: DN 32
Pressure rating for connection: PN 50
Flange size for motor: FT115

Electrical data:

Motor standard: IEC
Motor type: 90SD
IE Efficiency class: IE3
Rated power - P2: 1.5 kW
Power (P2) required by pump: 1.5 kW
Mains frequency: 50 Hz

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

Description Rated current: 5.70/3.30 A Starting current: 750-820 % Cos phi - power factor: 0.84-0.78 Rated speed: 2890-2910 rpm Efficiency: IE3 84,2% Motor efficiency at full load: 84.2-84.2 % Motor efficiency at 3/4 load: 86.4 % Motor efficiency at 1/2 load: 86.0 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): Motor No: 85U01906 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.57 Net weight: 32 kg Gross weight: 36 kg Shipping volume: 0.092 m³ Danish VVS No.: 385912010 Norwegian NRF no.: 9040479 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m]	CRN 5-10, 3*400 V, 50H
General information:		75	Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	CRN 5-10 A-P-A-E-HQQE	70	Density = 998.2 kg/m³
Due du at No.		_	
Product No:	On request	65 -	
EAN number:	On request	60 -	
Technical:		55 -	
Pump speed on which pump data are based:	2896 rpm	50	
	F 0 3/li		
Rated flow:	5.8 m³/h 51.8 m	45 -	
Rated head:		40 -	
Maximum head:	69.7 m	35 -	
Stages:	10	30	· ·
Impellers:	10	25	
Number of reduced-diameter impellers:	0	20	
Low NPSH:	N		
Pump orientation:	Vertical	15	
Shaft seal arrangement:	Single	10/	
Code for shaft seal:	HQQE	5 - //	
Approvals:	CE,EAC,UKCA,SEPRO	۰	
Approvale for dripking water	WRAS,ACS		1 2 3 4 5 6 7 Q[m³,
Approvals for drinking water: Curve tolerance:	ISO9906:2012 3B	P [kW]	
		_	P1
Pump version:	A	1.5	
Model:	A	_	P2
Materials:	Otalialaan stool		
Base:	Stainless steel	1.0	
Base:	EN 1.4408	_ /	
Base:	AISI 316	0.5	
Impeller:	Stainless steel	_	
Impeller:	EN 1.4401		
Impeller:	AISI 316	0.0	
Material code:	A		110
Code for rubber:	E	*	178
Bearing:	SIC	_	
Installation:			
t max amb:	60 °C	- 181	
Maximum operating pressure:	25 bar		
Max pressure at stated temp:	25 bar / 120 °C		
Max pressure at stated temp:	25 bar / -20 °C	135	
Type of connection:	PJE	<u>G</u> 1	1/2 G 1/2
Size of inlet connection:	DN 32		<u>* " </u>
Size of outlet connection:	DN 32	495	
Pressure rating for connection:	PN 50	G 1/2	
Flange size for motor:	FT115	3 1/2	4 × 13
Connect code:	Р	20	2 2
Liquid:		± 47	100 180
Pumped liquid:	Water		150 210
Liquid temperature range:	-20 120 °C		210
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		LOW VOLTAGE DIRECTION OF ROTATION
Electrical data:			<u> </u>
Motor standard:	IEC	_	
Motor type:	90SD	_	■ № № № №
IE Efficiency class:	IE3		
Rated power - P2:	1.5 kW	╸╽	■ (U1) (V1) (W1)
Power (P2) required by pump:	1.5 kW		
Mains frequency:	50 Hz		L1 L2 L3 🖶
Rated voltage:	3 x 220-240D/380-415Y V		HIGH VOLTAGE DIRECTION OF ROTATION
Rated current:	5.70/3.30 A		
Starting current:	750-820 %	-	
Cos phi - power factor:	0.84-0.78	- 🖠 🖠	1 (w2)-(v2)
Rated speed:	2890-2910 rpm	_	
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Efficiency:	IE3 84,2%	_	

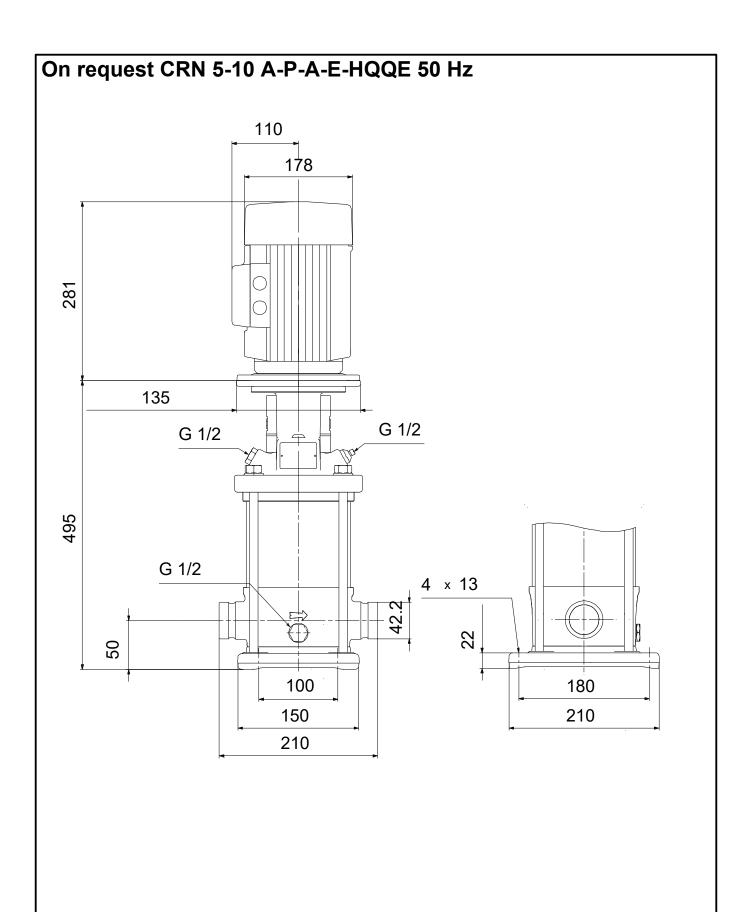
eta [%]

- 100 - 90 - 80 - 70 - 60 - 50 - 40 - 30 - 20 - 10

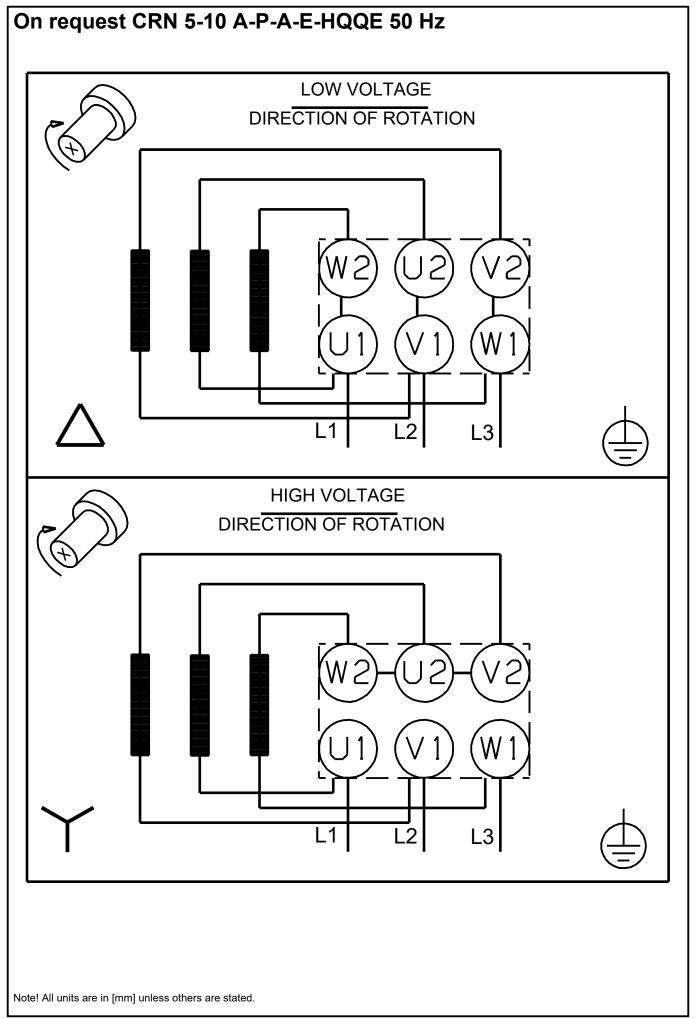
> NPSH [m]

10

Description	Value		
Motor efficiency at 3/4 load:	86.4 %		
Motor efficiency at 1/2 load:	86.0 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Built-in motor protection:	NONE		
Motor No:	85U01906		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.57		
Net weight:	32 kg		
Gross weight:	36 kg		
Shipping volume:	0.092 m³		
Danish VVS No.:	385912010		
Norwegian NRF no.:	9040479		
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.



	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		CRN 5-10	1	On request	Price on request		
					request		
			<u> </u>				