Qty. | Description

1 CRN 3-6 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: 2856 rpm

Rated flow: 3 m³/h
Rated head: 28.5 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:

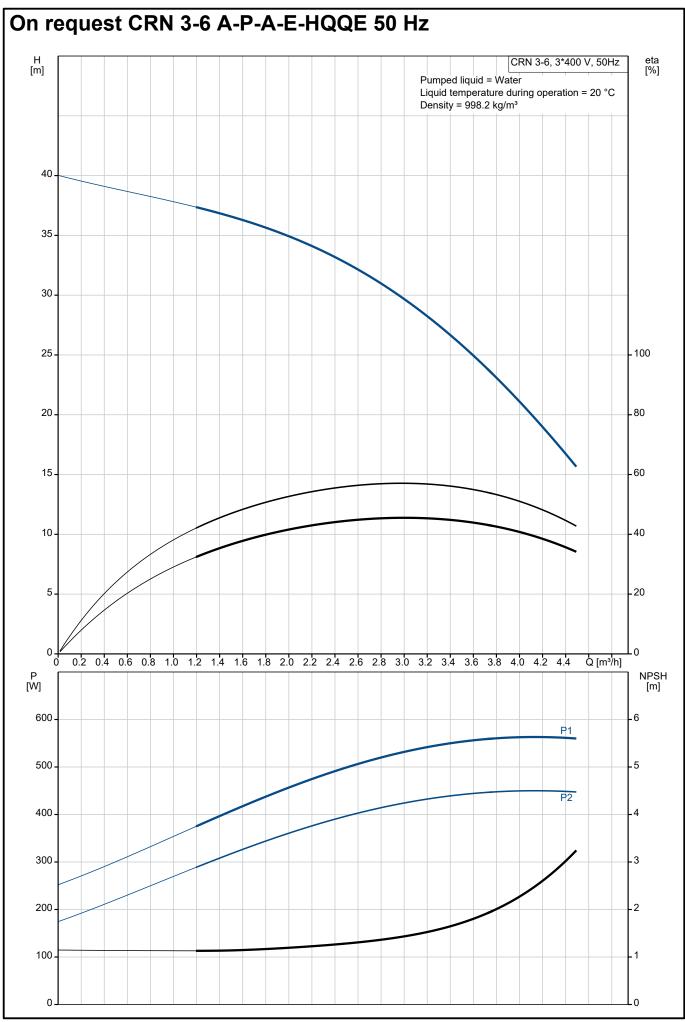
FT85

Electrical data:

Motor standard: IEC
Motor type: 71B
IE Efficiency class: IE3
Rated power - P2: 0.55 kW
Power (P2) required by pump: 0.55 kW
Mains frequency: 50 Hz

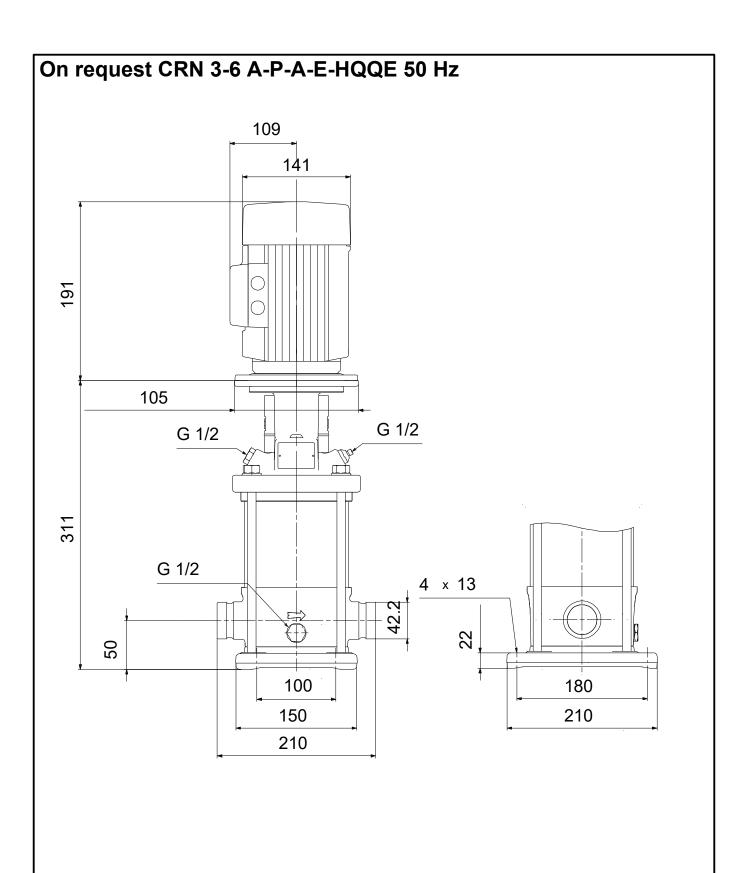
Rated voltage: 3 x 220-240D/380-415Y V

Description 2.50/1.44 A Rated current: Starting current: 580-620 % Cos phi - power factor: 0.80-0.70 Rated speed: 2830-2850 rpm Efficiency: IE3 77,8% Motor efficiency at full load: 77.8 % Motor efficiency at 3/4 load: 81.5 % Motor efficiency at 1/2 load: 79.5 % Number of poles: Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): Motor No: 85805103 Controls: Frequency converter: NONE Minimum efficiency index, MEI ≥: 0.70 Net weight: 17.4 kg Gross weight: 20 kg Shipping volume: 0.054 m³ Danish VVS No.: 385911006 Norwegian NRF no.: 9040464 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H CRN 3-6, 3*400 V, 50Hz eta [%]
General information:	7 4.40	Pumped liquid = Water
Product name:	CRN 3-6	Liquid temperature during operation = 20 °C Density = 998.2 kg/m³
Floduct Hame.	A-P-A-E-HQQE	
Product No:	On request	40
EAN number:	On request	
Technical:		35
Pump speed on which pump data are	0050	-
based:	2856 rpm	30
Rated flow:	3 m³/h	-
Rated head:	28.5 m	25 - 100
Maximum head:		
	39.5 m	20 - 80
Stages:	6	
Impellers:	6	15
Number of reduced-diameter impellers:	0	
Low NPSH:	N	10 40
Pump orientation:	Vertical	101
Shaft seal arrangement:	Single	
Code for shaft seal:	HQQE	5
Approvals:	CE,EAC,UKCA,SEPRO	
Approvais.	_ , _ ,,,,	0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 Q [m³/h]
Approvals for drinking water:	WRAS,ACS	P NPSH
Curve tolerance:	ISO9906:2012 3B	- [W] [m]
Pump version:	Α	P1
Model:	A	500
Materials:		P2 .
	Ctainless at al	400
Base:	Stainless steel	300
Base:	EN 1.4408	
Base:	AISI 316	2002
Impeller:	Stainless steel	100
Impeller:	EN 1.4401	100
Impeller:	AISI 316	0
Material code:	A	-
Code for rubber:	E	109
Bearing:	SIC	- <u> 141 </u>
Installation:		
t max amb:	60 °C	
Maximum operating pressure:	25 bar	- 5
Max pressure at stated temp:	25 bar / 120 °C	
	25 bar / -20 °C	
Max pressure at stated temp:		105
Type of connection:	PJE	G 1/2
Size of inlet connection:	DN 32	
Size of outlet connection:	DN 32	- [
Pressure rating for connection:	PN 50	
Flange size for motor:	FT85	G 1/2 4 x 13
Connect code:	Р	
Liquid:		
Pumped liquid:	Water	150 180 210
Liquid temperature range:	-20 120 °C	210
Selected liquid temperature:	20 °C	- <u> </u>
Density:	998.2 kg/m³	HIGH VOLTAGE
Electrical data:	300.2 Ng/III	DIRECTION OF ROTATION
	IEC	
Motor standard:	IEC	
Motor type:	71B	
IE Efficiency class:	IE3	
Rated power - P2:	0.55 kW	
Power (P2) required by pump:	0.55 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 220-240D/380-415Y V	LOW VOLTAGE DIRECTION OF ROTATION
Rated current:	2.50/1.44 A	-
Starting current:	580-620 %	- _ -,
Cos phi - power factor:	0.80-0.70	
Rated speed:	2830-2850 rpm	
Efficiency:	IE3 77,8%	
Motor efficiency at full load:	77.8 %	

Description	Value		
Motor efficiency at 3/4 load:	81.5 %		
Motor efficiency at 1/2 load:	79.5 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Built-in motor protection:	NONE		
Motor No:	85805103		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	17.4 kg		
Gross weight:	20 kg		
Shipping volume:	0.054 m³		
Danish VVS No.:	385911006		
Norwegian NRF no.:	9040464		
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 3-6 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 3-6	1	On request	Price on request		
					request		