Qty. | Description

1 CRN 1S-2 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. 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: 2873 rpm

Rated flow: 0.9 m³/h
Rated head: 8.7 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 $^{\circ}\text{C}$

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: FT85

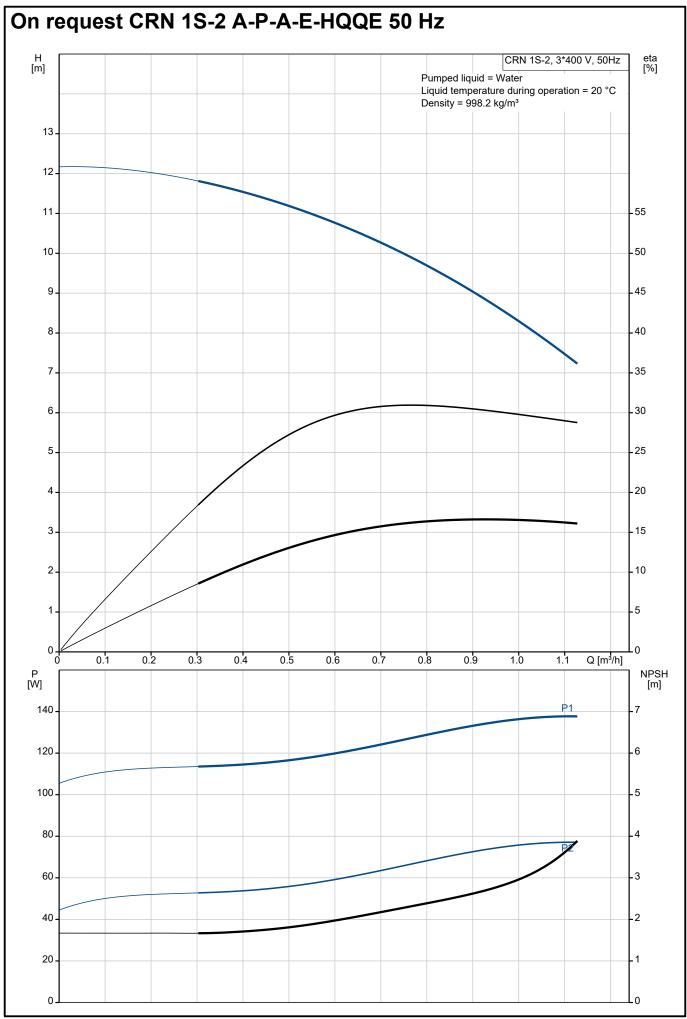
Electrical data:

Motor standard: IEC
Motor type: 71A
IE Efficiency class: IE3
Rated power - P2: 0.37 kW
Power (P2) required by pump: 0.37 kW
Mains frequency: 50 Hz

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

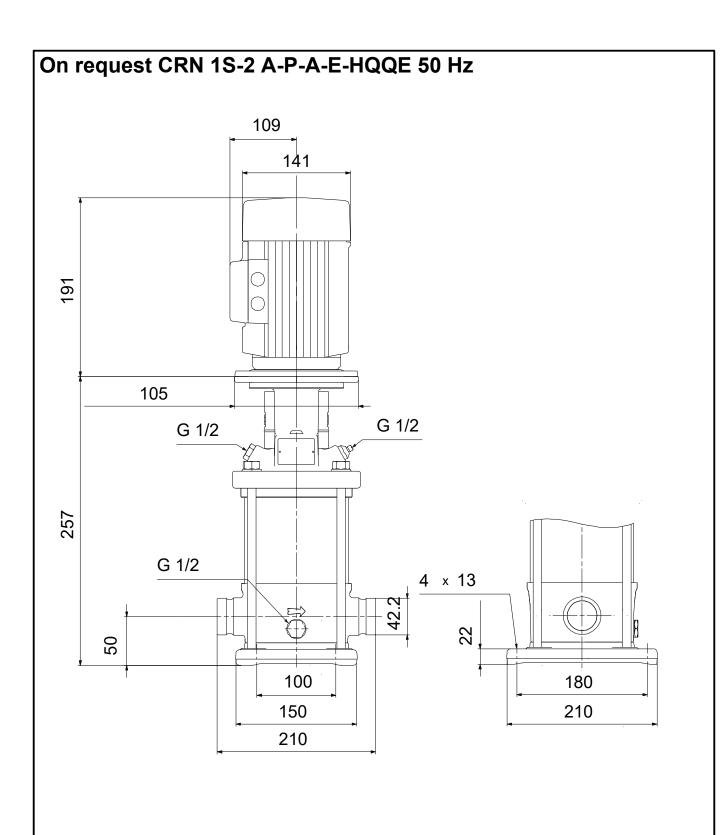
Rated current: 1.74/1.00 A

Description Starting current: 490-530 % Cos phi - power factor: 0.80-0.70 Rated speed: 2850-2880 rpm Efficiency: IE3 73,8% Motor efficiency at full load: 73.8 % Motor efficiency at 3/4 load: 79.0 % Motor efficiency at 1/2 load: 75.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85805102 Controls: Frequency converter: NONE Others: Minimum efficiency index, MEI ≥: 0.54 Net weight: 16.3 kg Gross weight: 19 kg Shipping volume: 0.054 m³ Danish VVS No.: 385910502 Country of origin: GB Custom tariff no.: 84137075



Description	Value	H [m]			1S-2, 3*400 V, 50Hz	eta [%]
General information:		-		Pumped liquid = Water Liquid temperature during	g operation = 20 °C	1
Product name:	CRN 1S-2 A-P-A-E-HQQE	13 -		Density = 998.2 kg/m³		-
Product No:	On request	12 -				-
EAN number:	On request	11 -				- 55
Technical:	On request	10 -				50
Pump speed on which pump data are based:	2873 rpm	9 -				45
Rated flow:	0.9 m³/h	8 -				40
Rated head:	8.7 m	- 7 -				35
Maximum head:	12.3 m					- 35
Stages:	3	6 -				30
Impellers:	2	5 -				25
Number of reduced-diameter impellers:	0	- 4				20
Low NPSH:	N	4 -				T ²⁰
Pump orientation:	Vertical	3 -				15
Shaft seal arrangement:	Single	2 -				10
Code for shaft seal:	HQQE					
	CE,EAC,UKCA,SEPRO	1-				- 5
Approvals:		0 -	0.1 0.2 0.	3 0.4 0.5 0.6 0.7 0.8	0.9 1.0 Q [m³/h]	\perp_0
Approvals for drinking water:	WRAS,ACS	- P [W]				NPS [m
Curve tolerance:	ISO9906:2012 3B	[vv] -			P1	+ ""
Pump version:	Α	120 _				-6
Model:	Α	100 =				- 5
Materials:						T°
Base:	Stainless steel	80 =			P2	 1 4
Base:	EN 1.4408	60 -				-3
Base:	AISI 316	40 -				_2
Impeller:	Stainless steel	40 -				T
Impeller:	EN 1.4401	20 -				 1
Impeller:	AISI 316	0 -				\perp_{0}
Material code:	A					
Code for rubber:	E	*	109	1		
Bearing:	SIC		14			
Installation:						
t max amb:	60 °C		쌤뻬			
Maximum operating pressure:	25 bar	191	ĻÕ			
Max pressure at stated temp:	25 bar / 120 °C	_				
Max pressure at stated temp:	25 bar / -20 °C	1	05			
Type of connection:	PJE		G 1/2	G 1/2		
Size of inlet connection:	DN 32	_	<u>**-</u> "			
Size of outlet connection:	DN 32	257				
Pressure rating for connection:	PN 50	- 7	G 1/2		 	
Flange size for motor:	FT85	_		4 × 13		
Connect code:	Р	20		2 2		
Liquid:		4,	100	0 18	30	
Pumped liquid:	Water		150	2		
Liquid temperature range:	-20 120 °C		210)		
Selected liquid temperature:	20 °C					
Density:	998.2 kg/m³	ر ا		GH VOLTAGE ION OF ROTATION		
Electrical data:			JINEG II			
Motor standard:	IEC			_		
Motor type:	71A		<u> </u>	5111 <u> </u>		
IE Efficiency class:	IE3	🖢	(八)(以)			
Rated power - P2:	0.37 kW		[_\ X (<u>Ş[ˈj</u> ¹		
Power (P2) required by pump:	0.37 kW			5)		
Mains frequency:	50 Hz	Ī		(a)		
Rated voltage:	3 x 220-240D/380-415Y V	(C)	DIRECTI	OW VOLTAGE ION OF ROTATION		
Rated current:	1.74/1.00 A	_	-	,		
Starting current:	490-530 %		, I Jan	5111		
Cos phi - power factor:	0.80-0.70			⑤ ` 		
Rated speed:	2850-2880 rpm			⑤ -´; □		
· · · · · · · · · · · · · · · · · · ·						
Efficiency:	IE3 73,8%	-				

Description	Value
Motor efficiency at 3/4 load:	79.0 %
Motor efficiency at 1/2 load:	75.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	85805102
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.54
Net weight:	16.3 kg
Gross weight:	19 kg
Shipping volume:	0.054 m³
Danish VVS No.:	385910502
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 1S-2 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 1S-2	1	On request	Price on request		
					requesi		