

Date: 13/09/2018

Position | Qty. | Description

1 CRI 5-2 A-CA-I-V-HQQV



Product No.: 96517120

Vertical, multistage centrifugal pump with suction and discharge ports on same the level (in-line) enabling installation in a horizontal one-pipe system. Pump materials in contact with the liquid are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling and easy service and access. Power transmission is via a rigid split coupling. Pipework connection is via FlexiClamps.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Water
Liquid temperature range: -20 .. 90 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Rated flow: 5.8 m³/h
Rated head: 9 m
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV
Approvals on nameplate: CE, EAC

Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel

EN 1.4408

AISI 316

Impeller: Stainless steel

EN 1.4301

AISI 304

Bearing: SIC

Installation:

Maximum ambient temperature: 40 °C Maximum operating pressure: 25 bar

Max pressure at stated temp: 25 bar / 90 °C

25 bar / -20 °C

Type of connection: FlexiClamp
Size of inlet connection: DN 32
1 1/4 inch

DN 32

1 1/4 inch Pressure rating for pipe connection: PN 25

Flange size for motor: FT85

Electrical data:

Size of outlet connection:

Motor standard: IEC



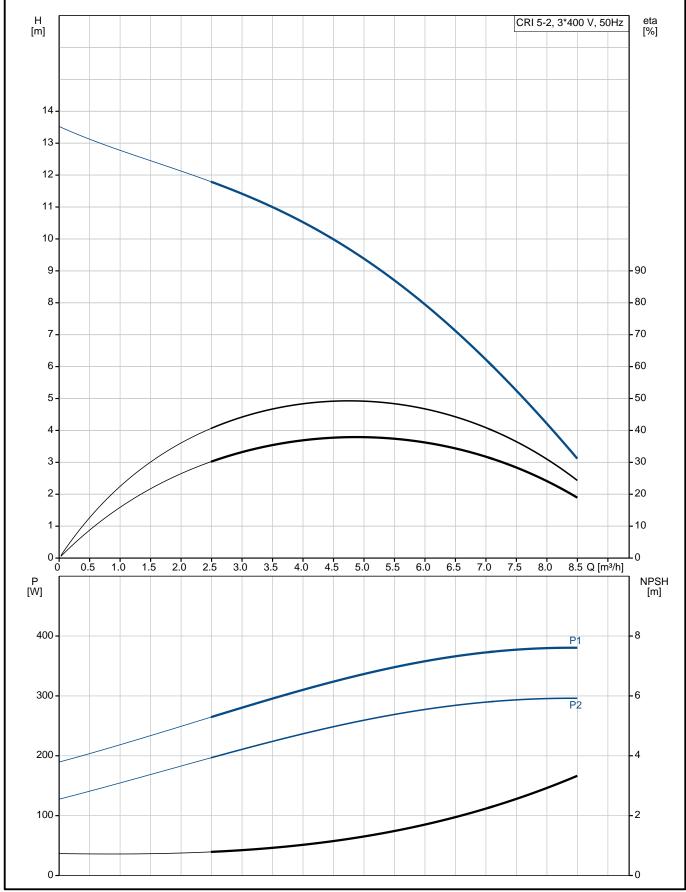
Date: 13/09/2018

Motor type: 71A				10,00,20.0
IE Efficiency class: Rated power - P2: Power (P2) required by pump: O.37 kW Power (P2) required by pump: Mains frequency: So Hz Rated voltage: Rated voltage: Rated current: 1.74/1.00 A Starting current: 490-530 % Cos phi - power factor: Rated speed: Efficiency: Efficiency: Efficiency: Efficiency: Efficiency: Efficiency: Efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Controls: Frequency converter: Minimum efficiency index, MEI: Gross weight: Shipping volume: Country of origin: GB	Position	Qty.	Description	
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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 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 Controls: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.57 Net weight: 16.6 kg Gross weight: 19.2 kg Shipping volume: 0.054 m³ Country of origin: GB				
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Net weight: Gross weight: 19.2 kg Shipping volume: Country of origin: GB				
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				GB
				84137075



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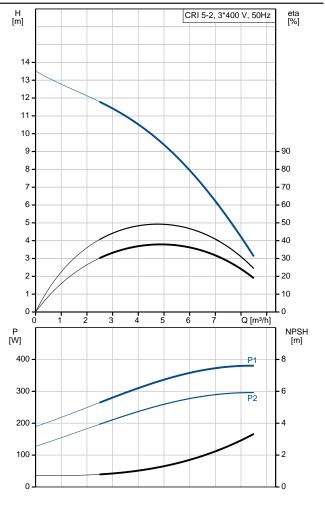
96517120 CRI 5-2 A-CA-I-V-HQQV 50 Hz





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Description	Value
General information:	
Product name:	CRI 5-2 A-CA-I-V-HQQV
Product No:	96517120
EAN number:	5700396756585
Price:	739,00 GBP
Technical:	
Rated flow:	5.8 m³/h
Rated head:	9 m
Stages:	2
Impellers:	2
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CE, EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	• •
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
impener.	EN 1.4301
	AISI 304
Material code:	
Code for rubber:	V
Bearing:	SIC
Installation:	310
Maximum ambient temperature:	40 °C
Maximum operating pressure:	25 bar
	25 bar / 90 °C
Max pressure at stated temp:	25 bar / -20 °C
Type of connection:	
Type of connection: Size of inlet connection:	FlexiClamp DN 32
Size of frilet connection.	
Cine of author compaction.	1 1/4 inch
Size of outlet connection:	DN 32
<u> </u>	1 1/4 inch
Pressure rating for pipe connection:	PN 25
Flange size for motor:	FT85
Connect code:	CA
Liquid:	100
Pumped liquid:	Water
Liquid temperature range:	-20 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
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
Starting current:	490-530 %
Cos phi - power factor:	0.80-0.70
Rated speed:	2850-2880 rpm





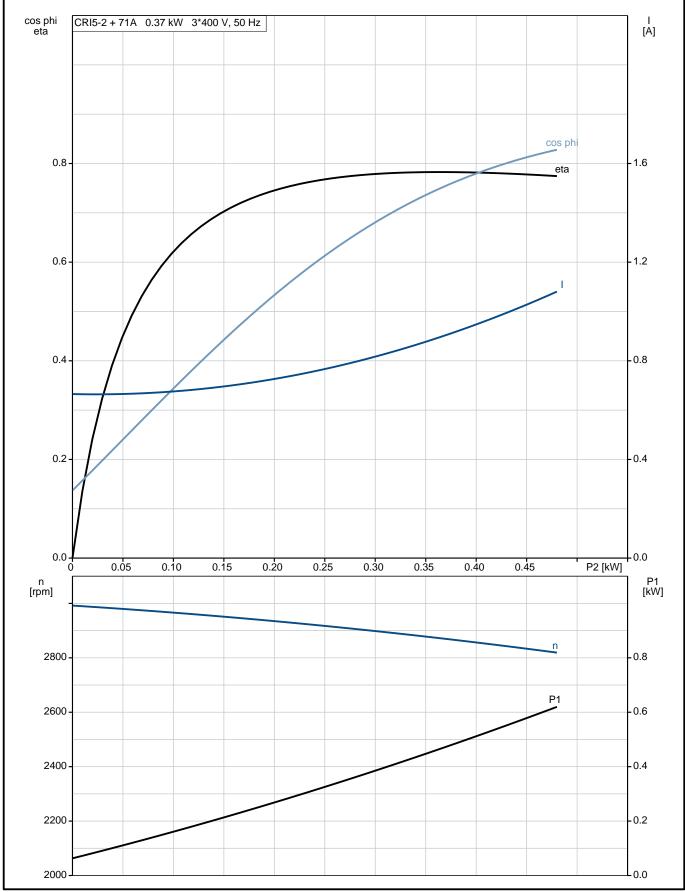
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Description	Value
Efficiency:	IE3 73,8%
Motor efficiency at full load:	73.8 %
Motor efficiency at 3/4 load:	79.0 %
Motor efficiency at 1/2 load:	75.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85805102
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI :	0.57
Net weight:	16.6 kg
Gross weight:	19.2 kg
Shipping volume:	0.054 m³
Country of origin:	GB
Custom tariff no.:	84137075



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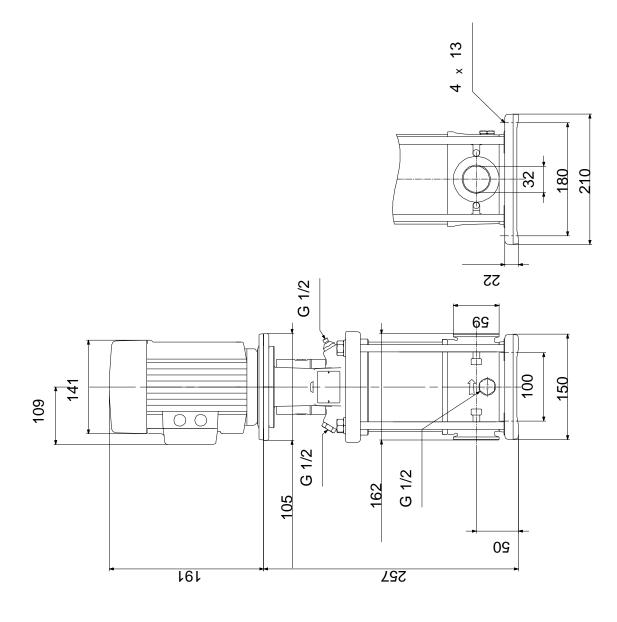
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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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