

Date: 13/09/2018

Position | Qty. | Description

1 CRI 5-7 A-CA-I-V-HQQV



Product No.: 96517124

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: 35.3 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: 60 °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

1 1/4 IIICII

Pressure rating for pipe connection: PN 25 Flange size for motor: FT100

Electrical data:

Size of outlet connection:

Motor standard: IEC



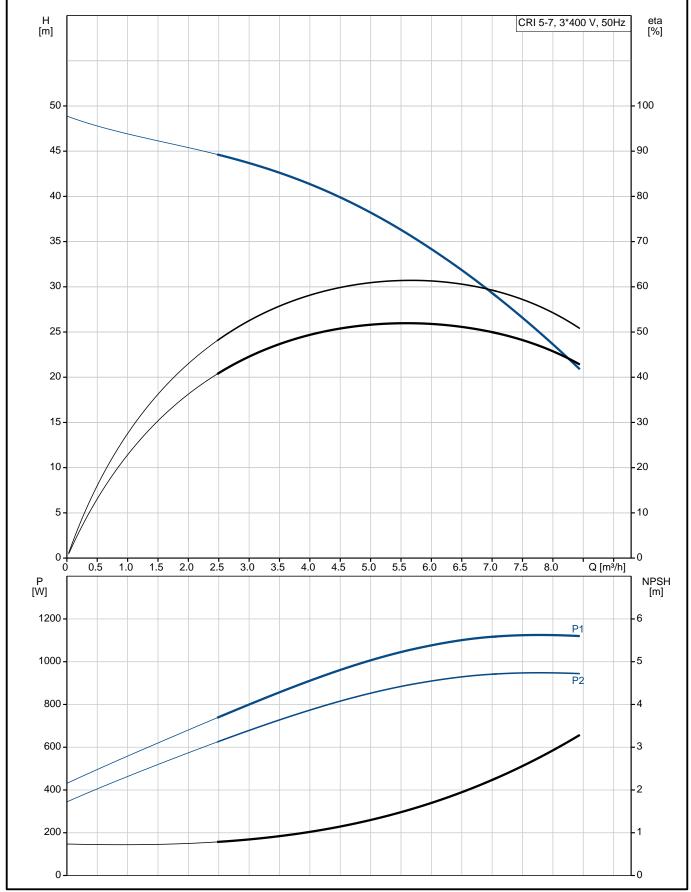
Date: 13/09/2018

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. Description		
Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Controls: Frequency converter:	80C IE3 1.1 kW 1.1 kW 50 Hz 3 x 220-240D/380-415Y V 4.35/2.50 A 450-500 % 0.83-0.76 2840-2870 rpm IE3 82,7% 82.7 % 84.6 % 85.4 % 2 55 Dust/Jetting F	13/09/2018
	Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Controls: Frequency converter: Others: Minimum efficiency index, MEI Net weight: Gross weight: Shipping volume: Country of origin:	Motor type: 80C IE Efficiency class: IE3 Rated power - P2: 1.1 kW Power (P2) required by pump: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 4.35/2.50 A Starting current: 450-500 % Cos phi - power factor: 0.83-0.76 Rated speed: 2840-2870 rpm Efficiency: IE3 82,7% Motor efficiency at full load: 82.7 % Motor efficiency at 1/2 load: 85.4 % 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: 24.5 kg Gross weight: 27.4 kg Shipping volume: 0.074 m³ Country of origin: GB



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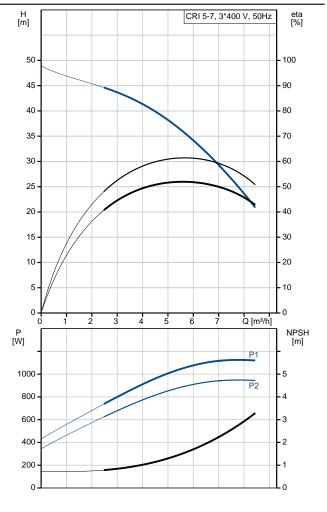
96517124 CRI 5-7 A-CA-I-V-HQQV 50 Hz





Date: 13/09/2018

Description	Value
Description General information:	Value
Product name:	CRI 5-7 A-CA-I-V-HQQV
Product No:	96517124
EAN number:	5700396756660
Price:	955,00 GBP
Technical:	955,00 GBF
Rated flow:	5.8 m³/h
Rated head:	35.3 m
Stages:	7
Impellers:	7
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:	A
Base:	Stainless steel
Dase.	EN 1.4408
	AISI 316
Impollar	Stainless steel
Impeller:	EN 1.4301
	AISI 304
Material code:	AISI 304
Code for rubber:	V
	SIC
Bearing:	SIC
Installation:	60 %C
Maximum appreting programs:	60 °C 25 bar
Maximum operating pressure:	25 bar / 90 °C
Max pressure at stated temp:	25 bar / -20 °C
Type of connection:	FlexiClamp
Type of connection: Size of inlet connection:	DN 32
Size of filler conflection.	1 1/4 inch
Size of outlet connection:	DN 32
Size of outlet confidention.	1 1/4 inch
Proceure rating for pine connection:	PN 25
Pressure rating for pipe connection: Flange size for motor:	FT100
Connect code:	CA
	CA
Liquid:	Motor
Pumped liquid:	Water -20 90 °C
Liquid temperature during operation:	-20 °C
Liquid temperature during operation:	
Density: Electrical data:	998.2 kg/m³
	IEC
Motor standard:	IEC
Motor type:	80C
I - FITIOLODOV 010000	IE3
IE Efficiency class:	4 4 134/
Rated power - P2:	1.1 kW
Rated power - P2: Power (P2) required by pump:	1.1 kW
Rated power - P2: Power (P2) required by pump: Mains frequency:	1.1 kW 50 Hz
Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage:	1.1 kW 50 Hz 3 x 220-240D/380-415Y V
Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current:	1.1 kW 50 Hz 3 x 220-240D/380-415Y V 4.35/2.50 A
Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current:	1.1 kW 50 Hz 3 x 220-240D/380-415Y V 4.35/2.50 A 450-500 %
Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current:	1.1 kW 50 Hz 3 x 220-240D/380-415Y V 4.35/2.50 A





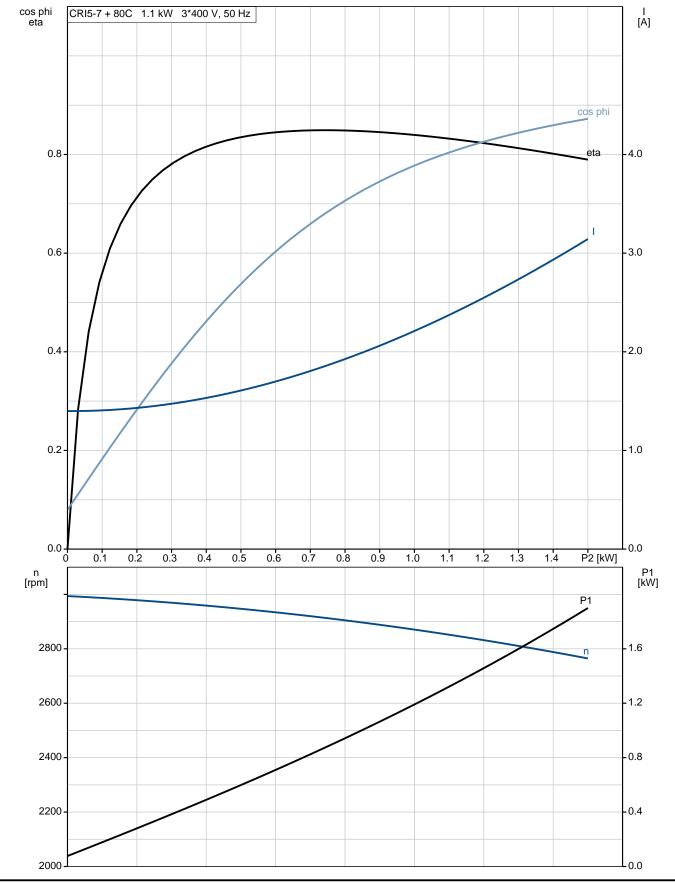
Date: 13/09/2018

Description	Value
Efficiency:	IE3 82,7%
Motor efficiency at full load:	82.7 %
Motor efficiency at 3/4 load:	84.6 %
Motor efficiency at 1/2 load:	85.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05105
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI :	0.57
Net weight:	24.5 kg
Gross weight:	27.4 kg
Shipping volume:	0.074 m³
Country of origin:	GB
Custom tariff no.:	84137075



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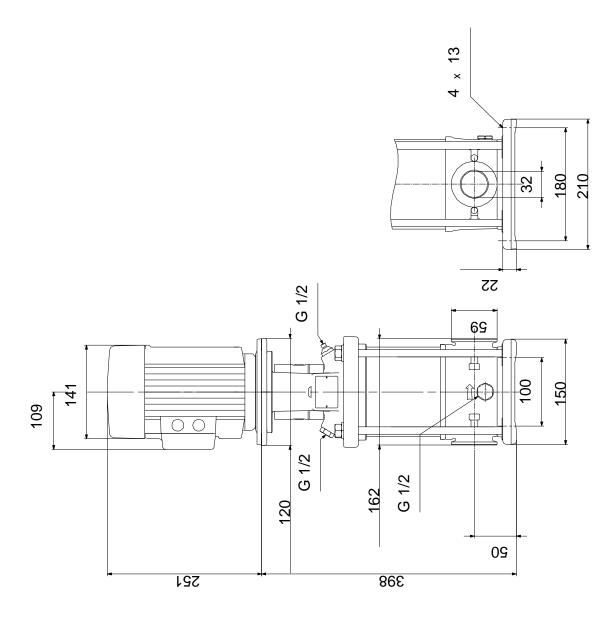
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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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