

Date: 13/11/2017

Position Qty. Description CRI 10-9 A-CA-I-V-HQQV 1 Product No.: 96501157 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



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Position | Qty. | Description

Liquid temperature range: $-20 ... 90 \, ^{\circ}\text{C}$ Liquid temperature during operation: $20 \, ^{\circ}\text{C}$ Density: $998.2 \, \text{kg/m}^3$

Technical:

Speed for pump data: 2902 rpm
Rated flow: 10 m³/h
Rated head: 72.3 m
Primary shaft seal: HQQV
Approvals on nameplate: CE,TR

Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Stainless steel

DIN W.-Nr. 1.4408 ASTM A 351 CF 8M

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Bush material: NONE

Installation:

Maximum ambient temperature: 60 °C

Max pressure at stated temp: 16 bar / 90 °C

16 bar / -20 °C

Flange standard: FLEXICLAMP

Pipe connection: 87 mm Flange size for motor: FT130

Electrical data:

Motor type: 100LC
IE Efficiency class: IE3
Rated power - P2: 3 kW
Power (P2) required by pump: 3 kW
Mains frequency: 50 Hz

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

Rated current: 11,0/6,30 A Starting current: 840-920 % Cos phi - power factor: 0,87-0,82 Rated speed: 2900-2920 rpm Efficiency: IE3 87,1% Motor efficiency at full load: 87.1 % Motor efficiency at 3/4 load: 88.0 % Motor efficiency at 1/2 load: 87.7 % Number of poles: 2

Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85): F

Others:

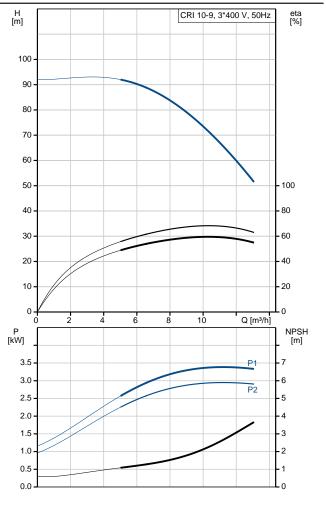
Label: Grundfos Blueflux

Minimum efficiency index, MEI : 0.7 Net weight: 57 kg Gross weight: 61 kg



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Description	Value
General information:	
Product name:	CRI 10-9 A-CA-I-V-HQQV
Product No:	96501157
EAN number:	5700396216492
Technical:	
Speed for pump data:	2902 rpm
Rated flow:	10 m³/h
Rated head:	72.3 m
Impellers:	09
Primary shaft seal:	HQQV
Approvals on nameplate:	CE,TR
Curve tolerance:	ISO9906:2012 3B
Stages:	9
Pump version:	A
Model:	Α
Materials:	
Pump housing:	Stainless steel
	DIN WNr. 1.4408
	ASTM A 351 CF 8M
Impeller:	Stainless steel
<u>'</u>	DIN WNr. 1.4301
	AISI 304
Material code:	1
Code for rubber:	V
Bush material:	NONE
Bush material.	NONE
Installation:	
Maximum ambient temperature:	60 °C
Max pressure at stated temp:	16 bar / 90 °C
max procedure at stated temp.	16 bar / -20 °C
Flange standard:	FLEXICLAMP
Connect code:	CA
Pipe connection:	87 mm
Flange size for motor:	FT130
Trange size for motor.	11130
Liquid:	
Pumped liquid:	Water
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Liquid temperature range:	
Liquid temperature range:	-20 90 °C
Liquid temperature during operation:	-20 90 °C 20 °C
	-20 90 °C
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Liquid temperature during operation: Density: Electrical data: Motor type: IE Efficiency class: Rated power - P2:	-20 90 °C 20 °C 998.2 kg/m³ 100LC IE3 3 kW
Liquid temperature during operation: Density: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump:	-20 90 °C 20 °C 998.2 kg/m³ 100LC IE3 3 kW 3 kW
Liquid temperature during operation: Density: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency:	-20 90 °C 20 °C 998.2 kg/m³ 100LC IE3 3 kW 3 kW
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Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U05510
Others:	
Label:	Grundfos Blueflux
Minimum efficiency index, MEI :	0.7
Net weight:	57 kg
Gross weight:	61 kg