



Company name:

Created by:

Phone:

Date:

13/11/2017

Position	Qty.	Description
	1	<p>CRI 10-9 A-CA-I-V-HQQV</p>  <p>Product No.: 96501157</p> <p>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.</p> <p>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.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Liquid: Pumped liquid: Water</p>



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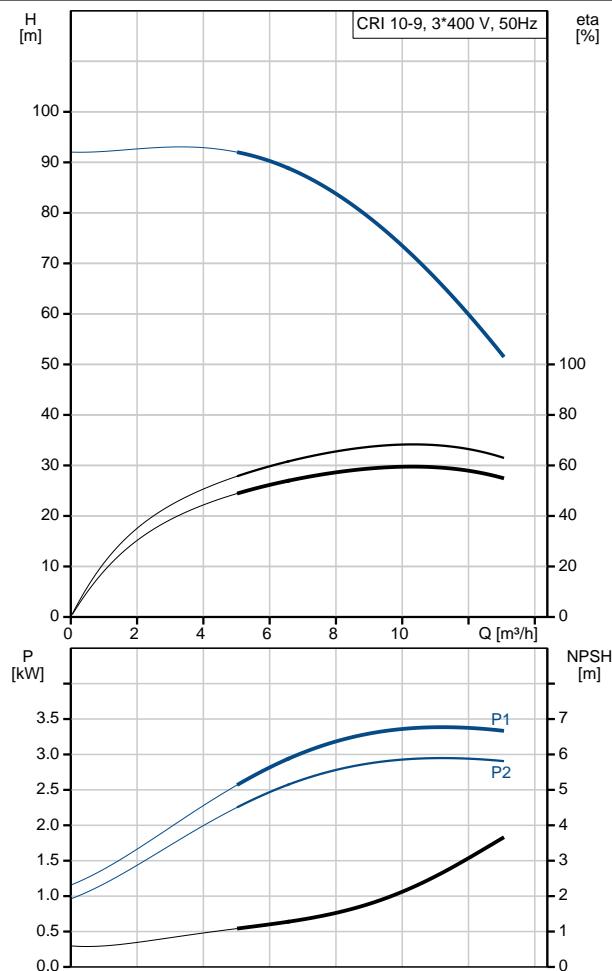
Position	Qty.	Description
		<p>Liquid temperature range: -20 .. 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³</p> <p>Technical:</p> <p>Speed for pump data: 2902 rpm Rated flow: 10 m³/h Rated head: 72.3 m Primary shaft seal: HQQV Approvals on nameplate: CE,TR Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Pump housing: Stainless steel DIN W.-Nr. 1.4408 ASTM A 351 CF 8M</p> <p>Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304</p> <p>Bush material: NONE</p> <p>Installation:</p> <p>Maximum ambient temperature: 60 °C Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C</p> <p>Flange standard: FLEXICLAMP Pipe connection: 87 mm Flange size for motor: FT130</p> <p>Electrical data:</p> <p>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</p> <p>Others:</p> <p>Label: Grundfos Blueflux Minimum efficiency index, MEI : 0,7 Net weight: 57 kg Gross weight: 61 kg</p>



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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 m ³ /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:	A
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
Material code:	I
Code for rubber:	V
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
Connect code:	CA
Pipe connection:	87 mm
Flange size for motor:	FT130
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m ³
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





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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