

Date: 15/07/2021

Qty. | Description

1 CRI 5-9 A-CA-A-V-HQQV



Note! Product picture may differ from actual product

Product No.: 96533284

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via FlexiClamps.

The pump is fitted with a 1-phase, fan-cooled asynchronous motor.

Liquid:

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

Technical:



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Pump speed on which pump data are based: 2767 rpm

Rated flow: 5.8 m³/h
Rated head: 42.2 m
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQV

Approvals: CE,EAC,UKCA

Approvals for drinking water: WRAS

Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel

EN 1.4408 AISI 316 Stainless steel

Impeller: Stainless stee

EN 1.4301 AISI 304

Bearing: SIC

Installation:

Maximum ambient temperature: 40 °C

Maximum operating pressure: 25 bar

Maximum operating pressure: 25 bar

 $\begin{array}{ll} \mbox{Max pressure at stated temp:} & 25 \mbox{ bar / } 90 \ ^{\circ}\mbox{C} \\ 25 \mbox{ bar / } -20 \ ^{\circ}\mbox{C} \\ \mbox{Type of connection:} & \mbox{FlexiClamp} \end{array}$

Size of inlet connection: DN 32
Size of outlet connection: DN 32
Pressure rating for connection: PN 25
Flange size for motor: FT115

Electrical data:

Motor standard: IEC
Motor type: 90LB
Rated power - P2: 1.5 kW
Power (P2) required by pump: 1.5 kW
Mains frequency: 50 Hz

Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A Starting current: 390 %

Starting current: 390 %
Cos phi - power factor: 0.98/0.99
Rated speed: 2750/2740 rpm
Motor efficiency at full load: 72-70 %

Number of poles: 2

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

Insulation class (IEC 85): F

Motor No: 85215706

Controls:

Frequency converter: NONE

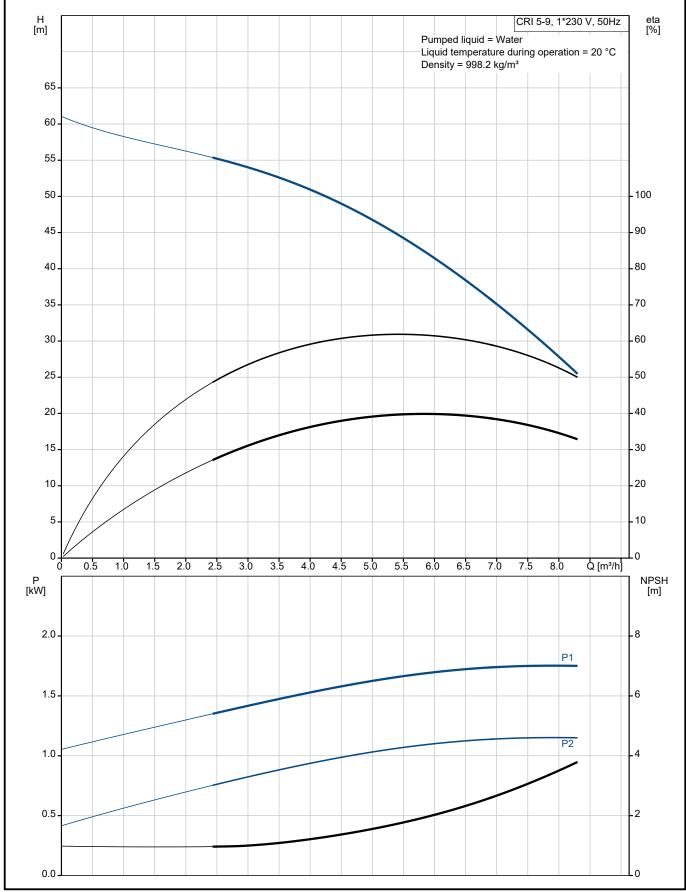
Others:

Minimum efficiency index, MEI ≥: 0.57Net weight: 34.1 kgGross weight: 38.2 kgShipping volume: 0.092 m^3



Date: 15/07/2021

96533284 CRI 5-9 A-CA-A-V-HQQV 50 Hz

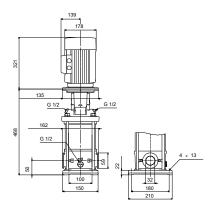


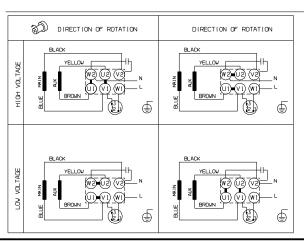


Date: 15/07/2021

General information: CRI 5-9	Description	Value
Product No: 96533284 EAN number: 5700397442586 Price: Technical: Pump speed on which pump data are based: 2767 rpm based: 42.2 m Maximum head: 58.3 m Stages: 9 Impellers: 0 Low NPSH: N Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals: CE_EAC,UKCA Approvals: CE_EAC,UKCA Approvals: CE_EAC,UKCA Approvals: WRAS Curve tolerance: ISO9906:2012 3B Pump version: A Model: A Materials: Base: Stainless steel Base: B1 1.4408 Base: IS1 1.4408 Bas	General information:	
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Pumped liquid: Liquid temperature range: Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 90LB Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		CA
Liquid temperature range: Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: 1.20 °C 20	•	NA / /
Selected liquid temperature: Density: 998.2 kg/m³ Electrical data: Motor standard: Motor type: 90LB Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		
Density: 998.2 kg/m³ Electrical data: IEC Motor standard: 90LB Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		
Electrical data: Motor standard: IEC Motor type: 90LB Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		
Motor standard: IEC Motor type: 90LB Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		998.2 kg/m³
Motor type: 90LB Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		150
Rated power - P2: 1.5 kW Power (P2) required by pump: 1.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		
Power (P2) required by pump: Mains frequency: So Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A	j.	
Mains frequency: 50 Hz Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A	•	
Rated voltage: 1 x 220-230/240 V Rated current: 9.90/8.90 A		
Rated current: 9.90/8.90 A		
Starting current: 390 %		
	Starting current:	390 %

H [m]	CRI 5-9, 1*230 V, 50Hz	eta [%]
	Pumped liquid = Water Liquid temperature during operation = 20 °C	. ,
65 -	Density = 998.2 kg/m³	
60 -		
55 -		
50 -		100
45 -		- 90
40 -		- 80
35 -		- 70
30 -		- 60
25 -		- 50
20 -		- 40
15 -		- 30
10 -		- 20
5 -		- 10
0 -	1 2 3 4 5 6 7 Q [m³/h]	L_{o}
P [kW]		NPSH [m]
2.0 =		-8
2.0	P1	
1.5 -		-6
	P2	
1.0 -		- 4
0.5 -		-2
0.0 -		L ₀







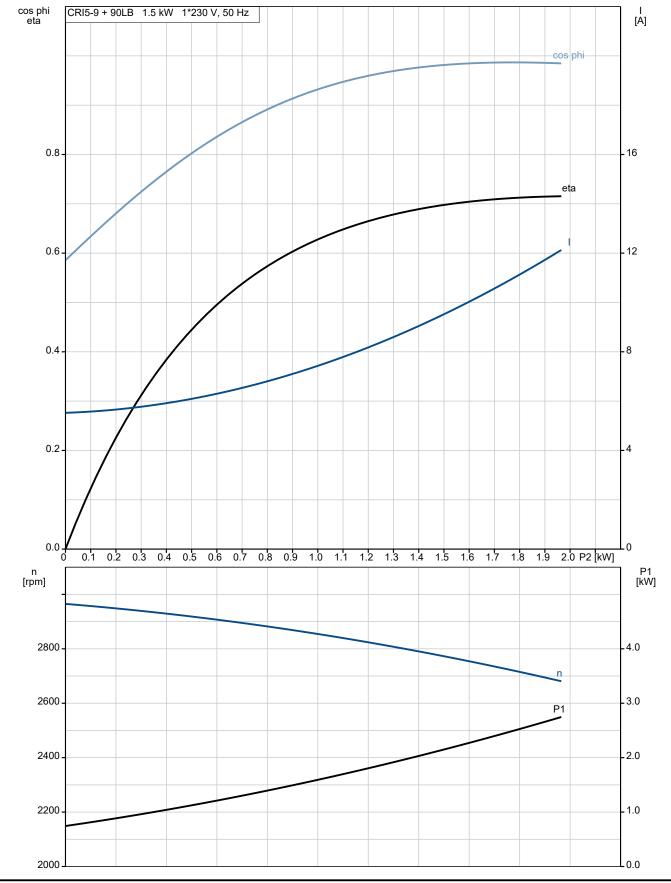
Date: 15/07/2021

Description	Value
Cos phi - power factor:	0.98/0.99
Rated speed:	2750/2740 rpm
Motor efficiency at full load:	72-70 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	85215706
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.57
Net weight:	34.1 kg
Gross weight:	38.2 kg
Shipping volume:	0.092 m³
Sales region:	GB



Date: 15/07/2021

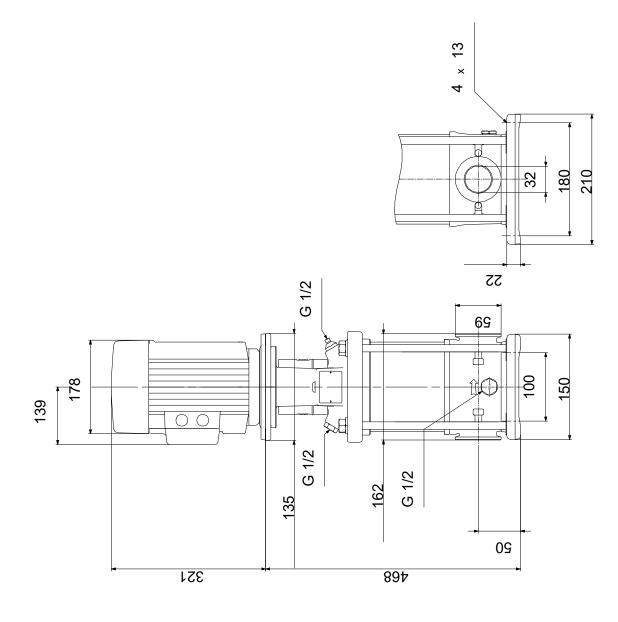
96533284 CRI 5-9 A-CA-A-V-HQQV 50 Hz





15/07/2021 Date:

96533284 CRI 5-9 A-CA-A-V-HQQV 50 Hz



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



Date:

15/07/2021

96533284 CRI 5-9 A-CA-A-V-HQQV 50 Hz

