

Date: 13/09/2018

**Position** Description Qty.

> 1 CRI 3-7 A-CA-I-V-HQQV



Product No.: 96516748

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/m<sup>3</sup>

Technical:

Rated flow: 3 m<sup>3</sup>/h Rated head: 32.8 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 25 bar Maximum operating pressure:

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

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:

**IEC** Motor standard:



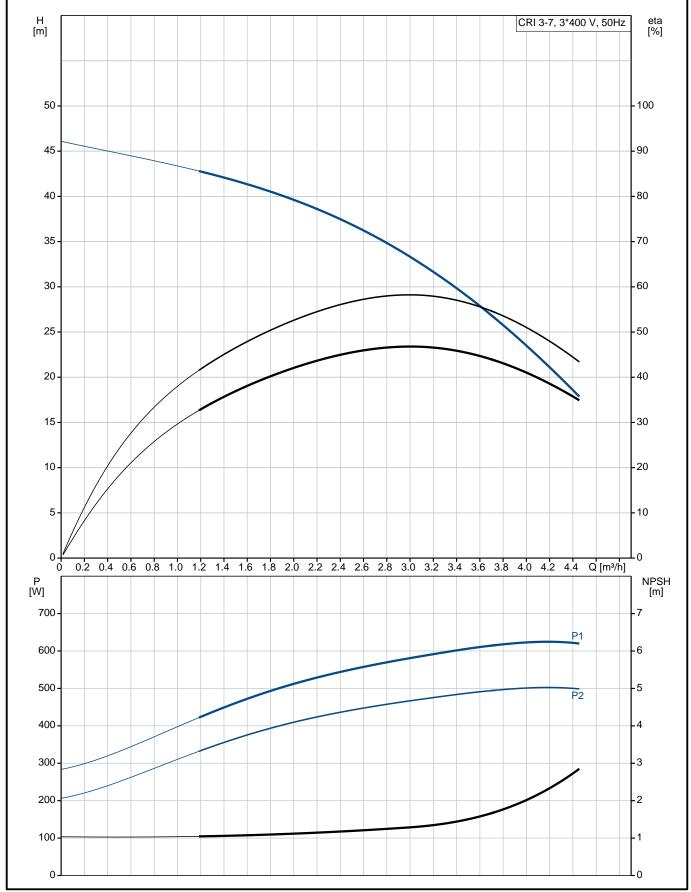
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Position   Qty.	. Description		
	Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):  Controls: Frequency converter:  Others: Minimum efficiency index, MEI Net weight: Gross weight: Shipping volume: Country of origin: Custom tariff no.:	71B IE3 0.55 kW 0.55 kW 50 Hz 3 x 220-240D/380-415Y V 2.50/1.44 A 580-620 % 0.80-0.70 2830-2850 rpm IE3 77,8% 77.8 % 81.5 % 79.5 % 2 55 Dust/Jetting F  NONE  : 0.7 17.8 kg 20.6 kg 0.063 m³ GB 84137075	



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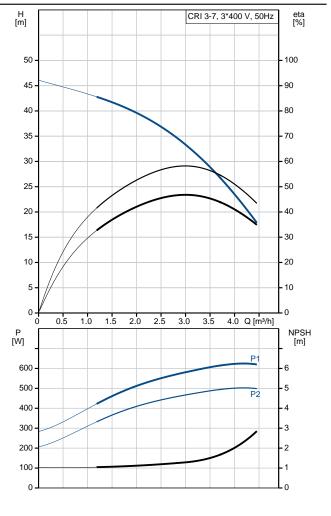
## 96516748 CRI 3-7 A-CA-I-V-HQQV 50 Hz





**Date:** 13/09/2018

Description	Value
General information:	
Product name:	CRI 3-7 A-CA-I-V-HQQV
Product No:	96516748
EAN number:	5700396749204
Price:	792,00 GBP
Technical:	0 2/
Rated flow:	3 m³/h
Rated head:	32.8 m
Stages:	7
Impellers: Low NPSH:	7 N
	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:	0.11
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	I
Code for rubber:	V
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
Size of outlet connection:	DN 32
	1 1/4 inch
Pressure rating for pipe connection:	PN 25
Flange size for motor:	FT85
Connect code:	CA
Liquid:	
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:	71B
IE Efficiency class:	IE3
Rated power - P2:	0.55 kW
Power (P2) required by pump:	0.55 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	2.50/1.44 A
Starting current:	580-620 %
Cos phi - power factor:	0.80-0.70
Rated speed:	2830-2850 rpm
rated speed.	2000 2000 Ipili





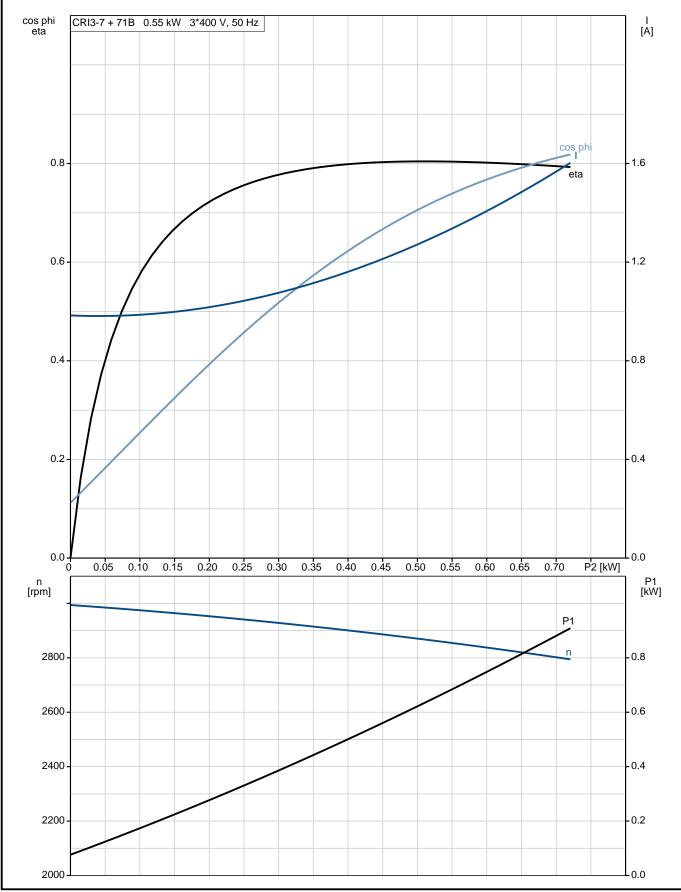
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Description	Value
Efficiency:	IE3 77,8%
Motor efficiency at full load:	77.8 %
Motor efficiency at 3/4 load:	81.5 %
Motor efficiency at 1/2 load:	79.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85805103
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI :	0.7
Net weight:	17.8 kg
Gross weight:	20.6 kg
Shipping volume:	0.063 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075



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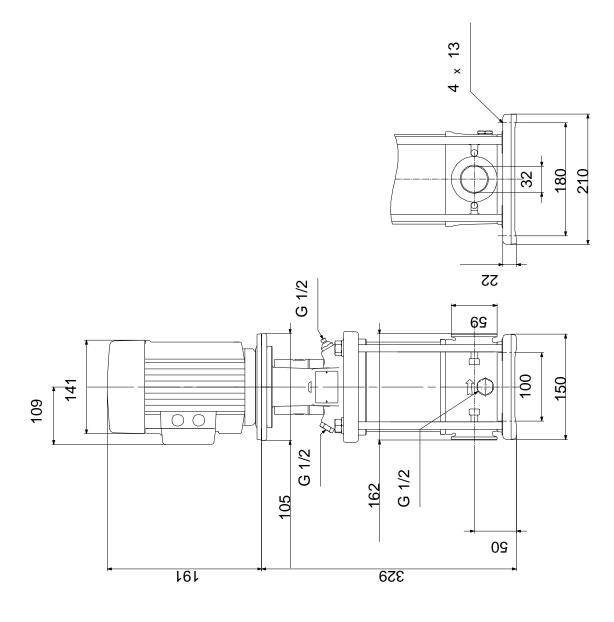
## 96516748 CRI 3-7 A-CA-I-V-HQQV 50 Hz





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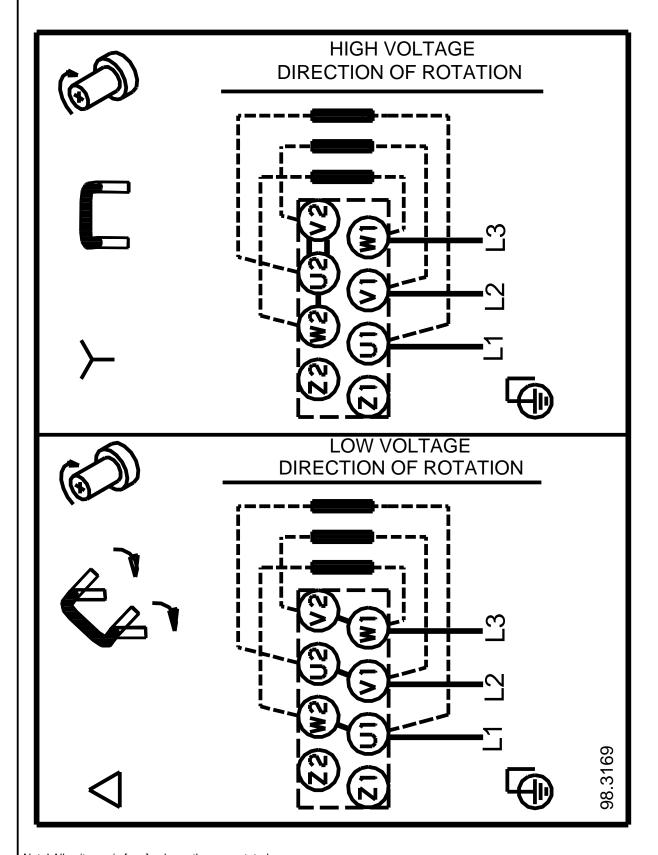
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date:

13/09/2018

## 96516748 CRI 3-7 A-CA-I-V-HQQV 50 Hz



Note! All units are in [mm] unless others are stated.