

**Qty. Description**

1 CRI 5-6A-CA-A-V-HQQV



Note! Product picture may differ from actual product

Product No.: [96517123](#)

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 3-phase, fan-cooled asynchronous motor.

**Controls:**

Frequency converter: NONE

**Liquid:**

Pumped liquid: Water  
 Liquid temperature range: -20 .. 90 °C  
 Selected liquid temperature: 20 °C  
 Density at selected liquid temperature: 998.2 kg/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2853 rpm  
 Rated flow: 5.8 m<sup>3</sup>/h  
 Rated head: 30.6 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

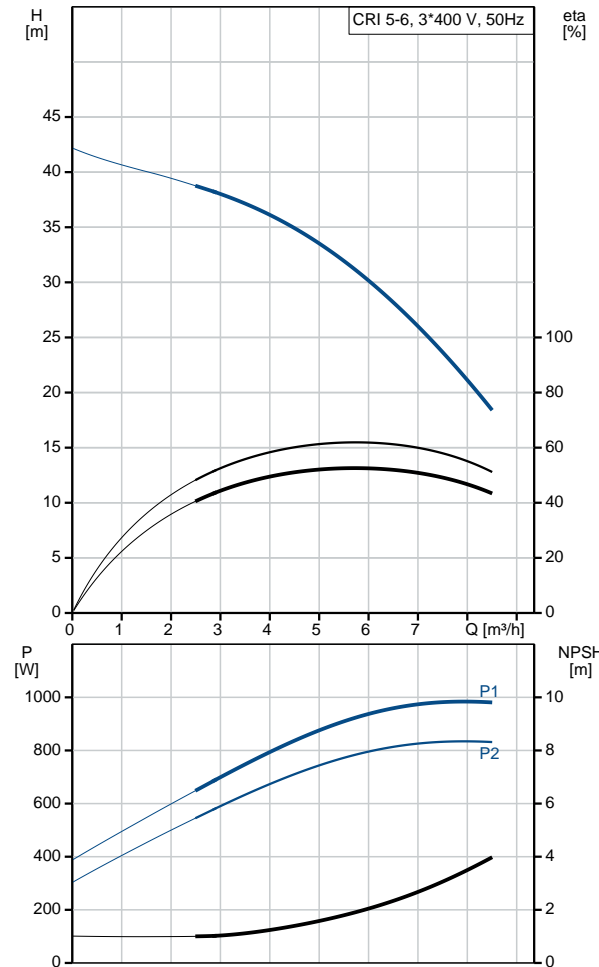
**Qty. Description**

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: FT100

**Electrical data:**  
 Motor standard: IEC  
 Motor type: 80C  
 IE Efficiency class: IE3  
 Rated power - P2: 1.1 kW  
 Power (P2) required by pump: 1.1 kW  
 Mains frequency: 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 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 No: 85U05105

**Others:**  
 Minimum efficiency index, MEI  $\hat{\alpha}\%$ : 0.57  
 Net weight: 24 kg  
 Gross weight: 26.8 kg  
 Shipping volume: 0.074 m<sup>3</sup>  
 Country of origin: GB  
 Custom tariff no.: 84137075

Description	Value
<b>General information:</b>	
Product name:	CRI 5-6A-CA-A-V-HQQV
Product No:	96517123
EAN number:	5700396756646
<b>Technical:</b>	
Pump speed on which pump data are based:	2853 rpm
Rated flow:	5.8 m <sup>3</sup> /h
Rated head:	30.6 m
Head max:	42.4 m
Stages:	6
Impellers:	6
Number of reduced-diameter impellers:	0
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
<b>Materials:</b>	
Base:	Stainless steel EN 1.4408 AISI 316
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	V
Bearing:	SIC
<b>Installation:</b>	
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
Size of outlet connection:	DN 32 1 1/4 inch
Pressure rating for pipe connection:	PN 25
Flange size for motor:	FT100
Connect code:	CA
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	80C
IE Efficiency class:	IE3
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V





Company name:

Created by:

Phone:

Date:

08/05/2019

Description	Value
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 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
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta_{min}$ :	0.57
Net weight:	24 kg
Gross weight:	26.8 kg
Shipping volume:	0.074 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075