

Qty.	Description
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1	CRI 3-10A-CA-A-V-HQQV
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Note! Product picture may differ from actual product

Product No.: [96516751](#)

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/m³

Technical:

Pump speed on which pump data are based: 2864 rpm
 Rated flow: 3 m³/h
 Rated head: 46.4 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

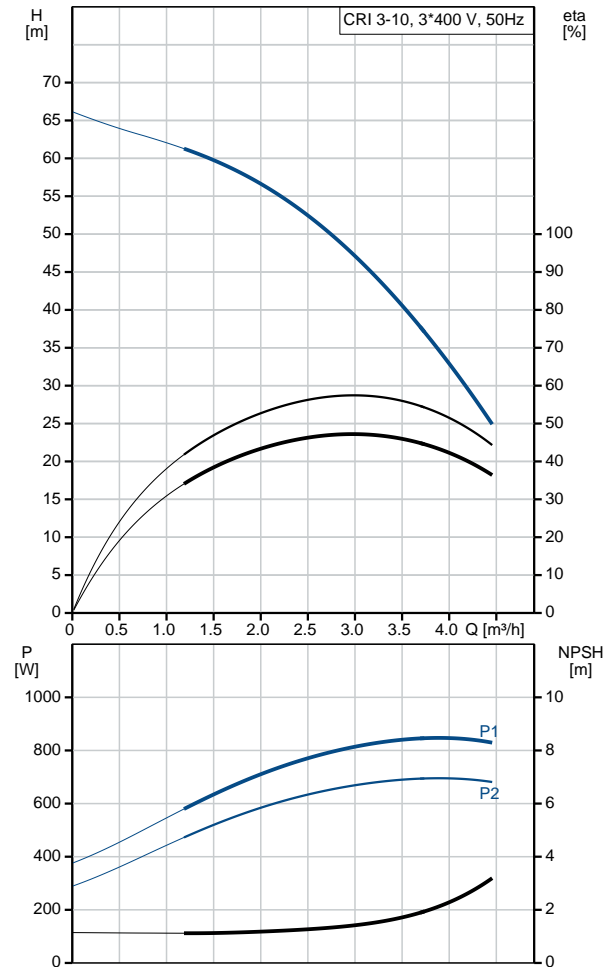
Qty. Description

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: 80A
 IE Efficiency class: IE3
 Rated power - P2: 0.75 kW
 Power (P2) required by pump: 0.75 kW
 Mains frequency: 50 Hz
 Rated voltage: 3 x 220-240D/380-415Y V
 Rated current: 3.30/1.90 A
 Starting current: 580-620 %
 Cos phi - power factor: 0.81-0.71
 Rated speed: 2840-2870 rpm
 Efficiency: IE3 80,7%
 Motor efficiency at full load: 80.7 %
 Motor efficiency at 3/4 load: 82.7 %
 Motor efficiency at 1/2 load: 81.7 %
 Number of poles: 2
 Enclosure class (IEC 34-5): 55 Dust/Jetting
 Insulation class (IEC 85): F
 Motor No: 85U05104

Others:
 Minimum efficiency index, MEI $\hat{\eta}$: 0.70
 Net weight: 22.6 kg
 Gross weight: 25.4 kg
 Shipping volume: 0.074 m³
 Country of origin: GB
 Custom tariff no.: 84137075

Description	Value
General information:	
Product name:	CRI 3-10A-CA-A-V-HQQV
Product No:	96516751
EAN number:	5700396749266
Technical:	
Pump speed on which pump data are based:	2864 rpm
Rated flow:	3 m ³ /h
Rated head:	46.4 m
Head max:	65.6 m
Stages:	10
Impellers:	10
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
Materials:	
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
Installation:	
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
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC
Motor type:	80A
IE Efficiency class:	IE3
Rated power - P2:	0.75 kW
Power (P2) required by pump:	0.75 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:	3.30/1.90 A
Starting current:	580-620 %
Cos phi - power factor:	0.81-0.71
Rated speed:	2840-2870 rpm
Efficiency:	IE3 80,7%
Motor efficiency at full load:	80.7 %
Motor efficiency at 3/4 load:	82.7 %
Motor efficiency at 1/2 load:	81.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05104
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI η_{min} :	0.70
Net weight:	22.6 kg
Gross weight:	25.4 kg
Shipping volume:	0.074 m ³
Country of origin:	GB
Custom tariff no.:	84137075