

Qty.	Description
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1	CR 64-4 A-F-A-E-HQQE
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Note! Product picture may differ from actual product

Product No.: [96123536](#)

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts 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 DIN flanges.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

**Liquid:**

Pumped liquid:	Water
Liquid temperature range:	-30 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>

**Technical:**

Pump speed on which pump data are based:	2947 rpm
Rated flow:	64 m <sup>3</sup> /h
Rated head:	91 m
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B

**Materials:**

Base:	Cast iron
	EN 1563 EN-GJS-500-7
	ASTM A536 80-55-06

Impeller:	Stainless steel
	EN 1.4301
	AISI 304

Bearing:	SIC
Support bearing:	Graflon

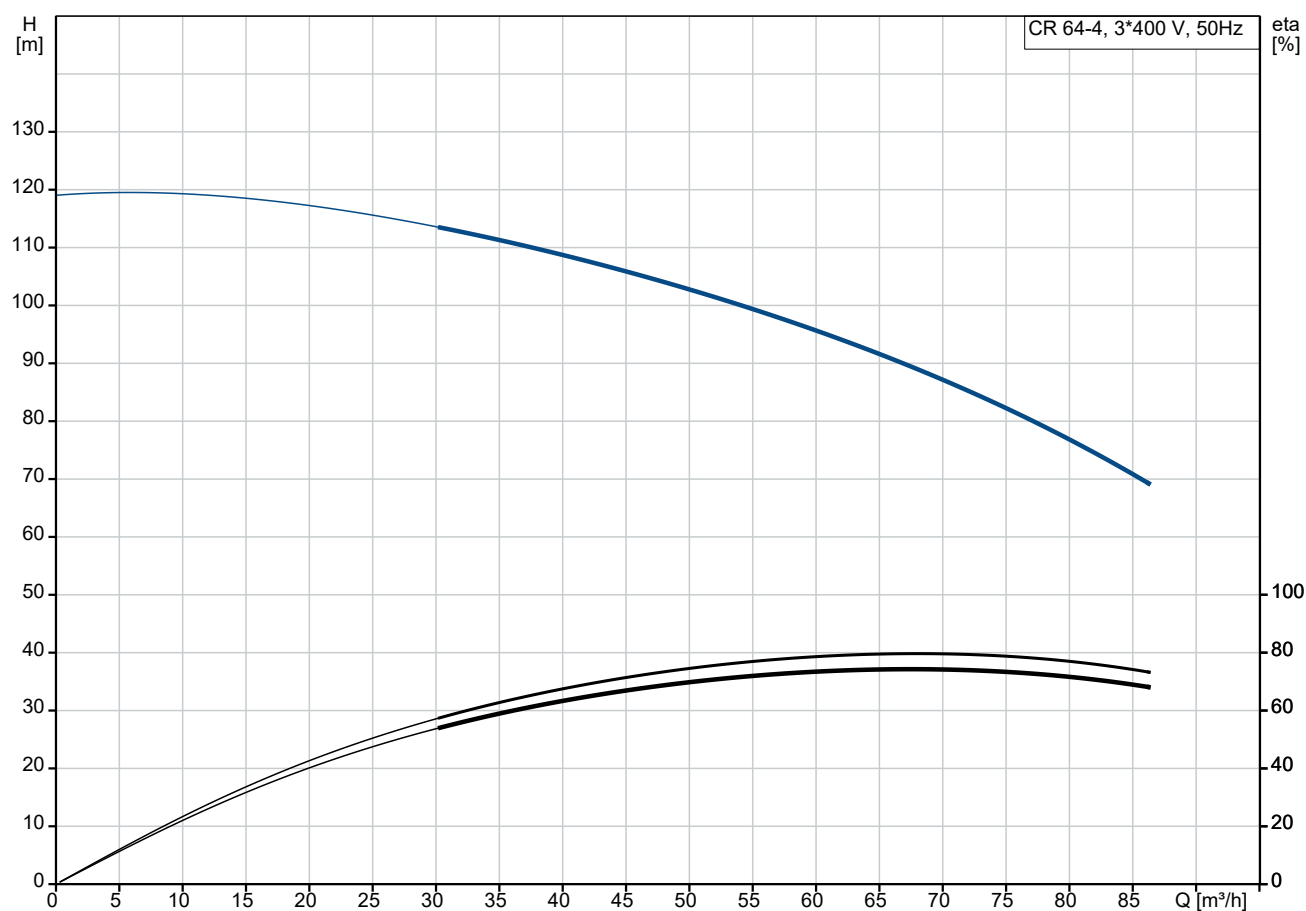
**Installation:**

Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
	16 bar / -30 °C

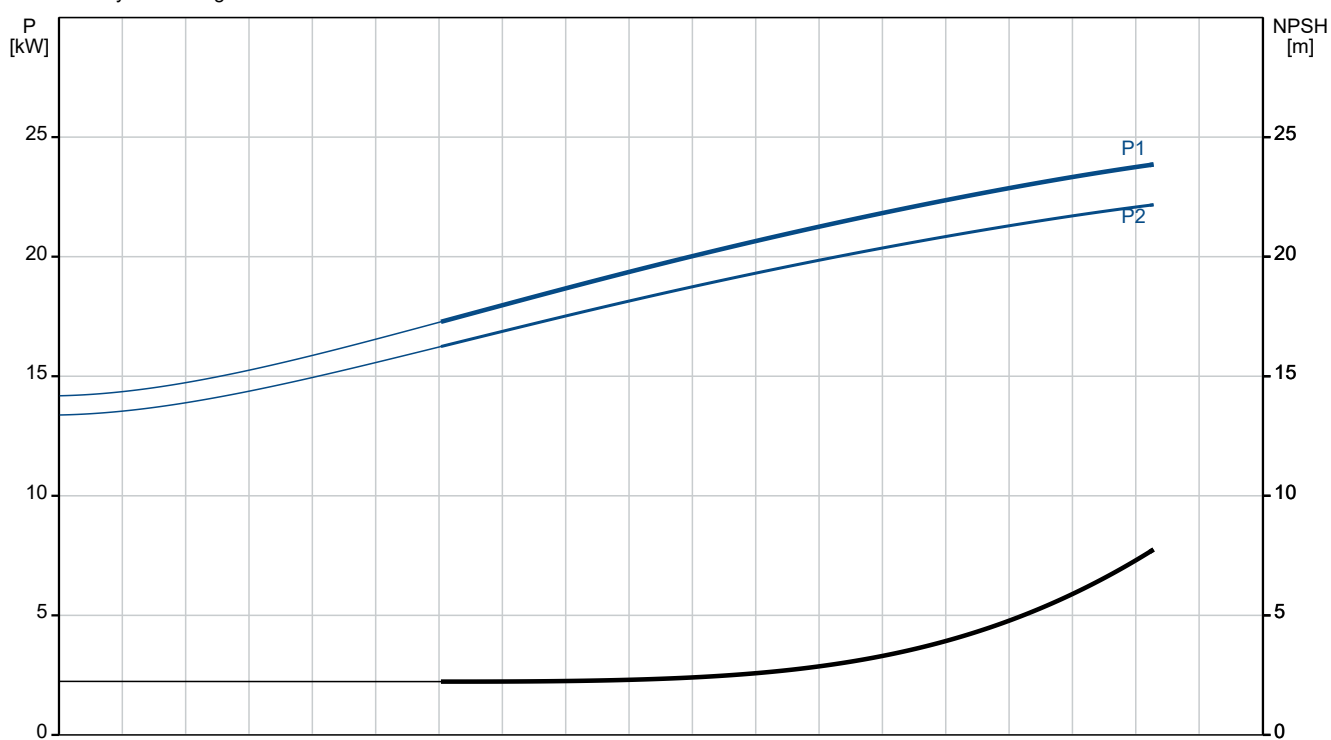
Type of connection:	DIN
Size of inlet connection:	DN 100
Size of outlet connection:	DN 100
Pressure rating for connection:	PN 16
Flange size for motor:	FF300

Qty.	Description
1	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 180MB</p> <p>Rated power - P2: 22 kW</p> <p>Power (P2) required by pump: 22 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D/660-690Y V</p> <p>Rated current: 39.5/22.8 A</p> <p>Starting current: 830 %</p> <p>Cos phi - power factor: 0.90</p> <p>Rated speed: 2950 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 92.7 %</p> <p>Motor efficiency at 3/4 load: 93.7-94.0 %</p> <p>Motor efficiency at 1/2 load: 94.4-94.1 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 85U17530</p> <p>Controls:</p> <p>Frequency converter: None</p> <p>Others:</p> <p>Terminal box position: 6</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 211 kg</p> <p>Gross weight: 244 kg</p> <p>Shipping volume: 0.495 m<sup>3</sup></p> <p>Danish VVS No.: 385908040</p> <p>Finnish LVI No.: 4925520</p>

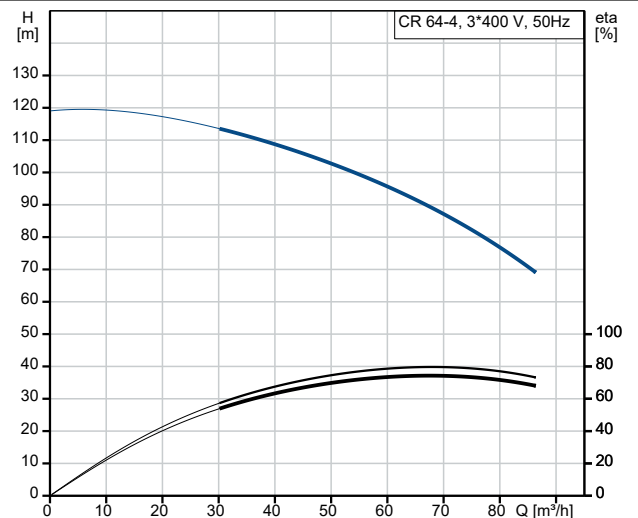
## 96123536 CR 64-4 A-F-A-E-HQQE 50 Hz



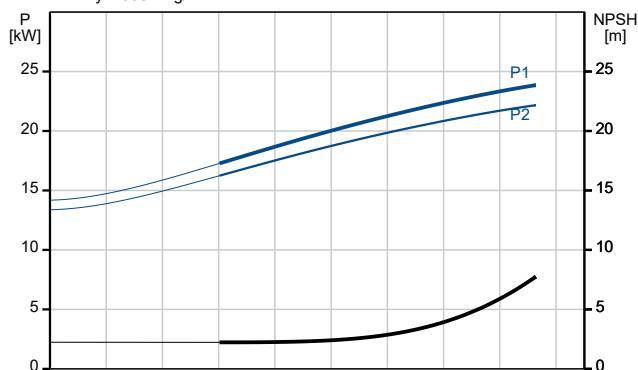
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CR 64-4 A-F-A-E-HQQE
Product No:	96123536
EAN number:	5700396697468
<b>Technical:</b>	
Pump speed on which pump data are based:	2947 rpm
Rated flow:	64 m³/h
Rated head:	91 m
Maximum head:	119.1 m
Stages:	4
Impellers:	4
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
<b>Materials:</b>	
Base:	Cast iron
Base:	EN 1563 EN-GJS-500-7
Base:	ASTM A536 80-55-06
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
Support bearing:	Graflon
<b>Installation:</b>	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Max pressure at stated temp:	16 bar / -30 °C
Type of connection:	DIN
Size of inlet connection:	DN 100
Size of outlet connection:	DN 100
Pressure rating for connection:	PN 16
Flange size for motor:	FF300
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-30 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	180MB
Rated power - P2:	22 kW
Power (P2) required by pump:	22 kW
Mains frequency:	50 Hz



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

13/07/2024

Description	Value
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	39.5/22.8 A
Starting current:	830 %
Cos phi - power factor:	0.90
Rated speed:	2950 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	92.7 %
Motor efficiency at 3/4 load:	93.7-94.0 %
Motor efficiency at 1/2 load:	94.4-94.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17530
<b>Controls:</b>	
Frequency converter:	None
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	211 kg
Gross weight:	244 kg
Shipping volume:	0.495 m³
Danish VVS No.:	385908040
Finnish LVI No.:	4925520

