

Qty. Description

1 CR 64-3 A-F-A-E-HQBE



Note! Product picture may differ from actual product

Product No.: [96605475](#)

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: 0 .. 120 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2934 rpm
 Rated flow: 64 m³/h
 Rated head: 68 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQBE
 Approvals: CE,EAC,UKCA,SEPRO
 Approvals for drinking water: WRAS
 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:

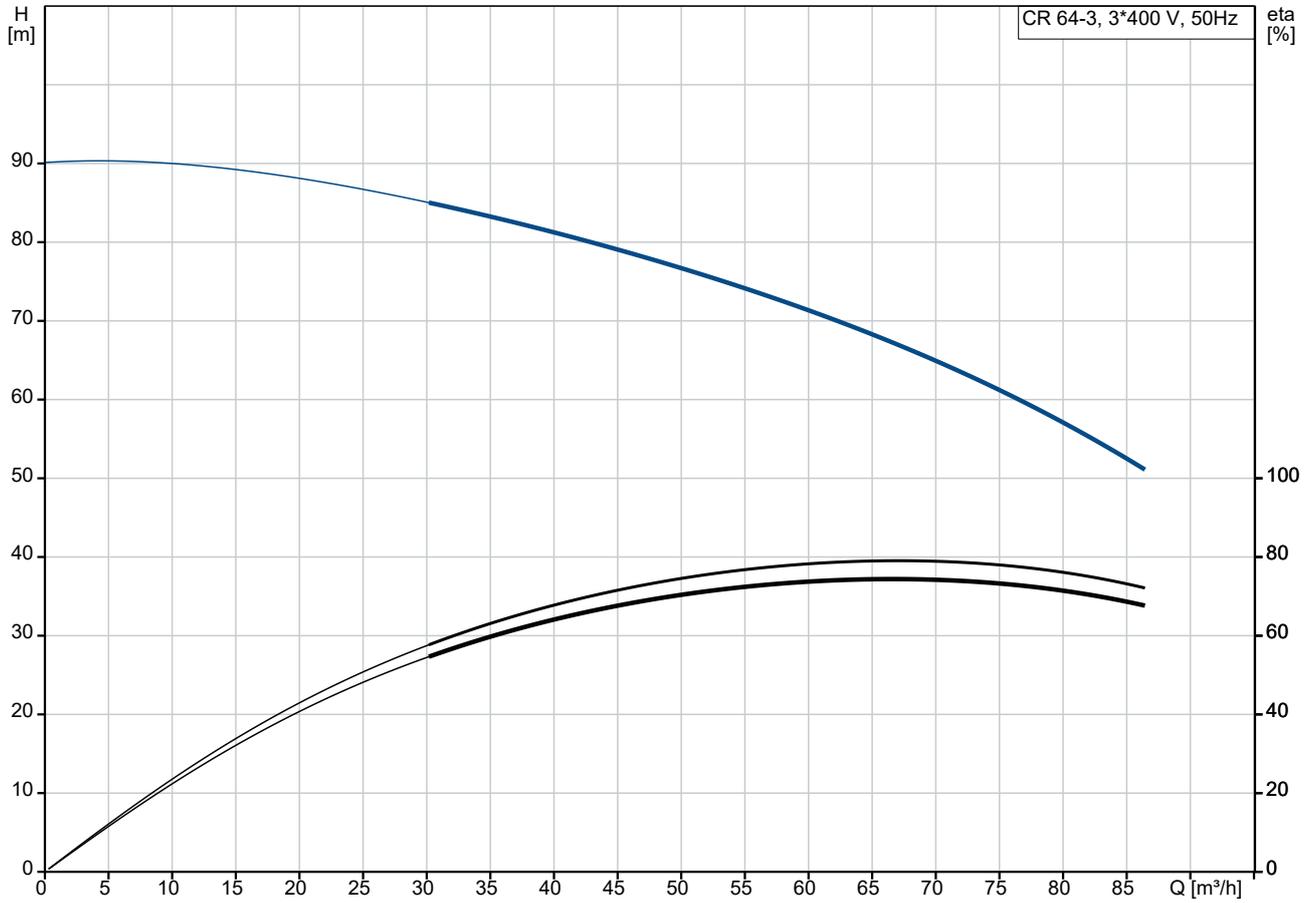
Maximum ambient temperature: 60 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 120 °C
 16 bar / 0 °C

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

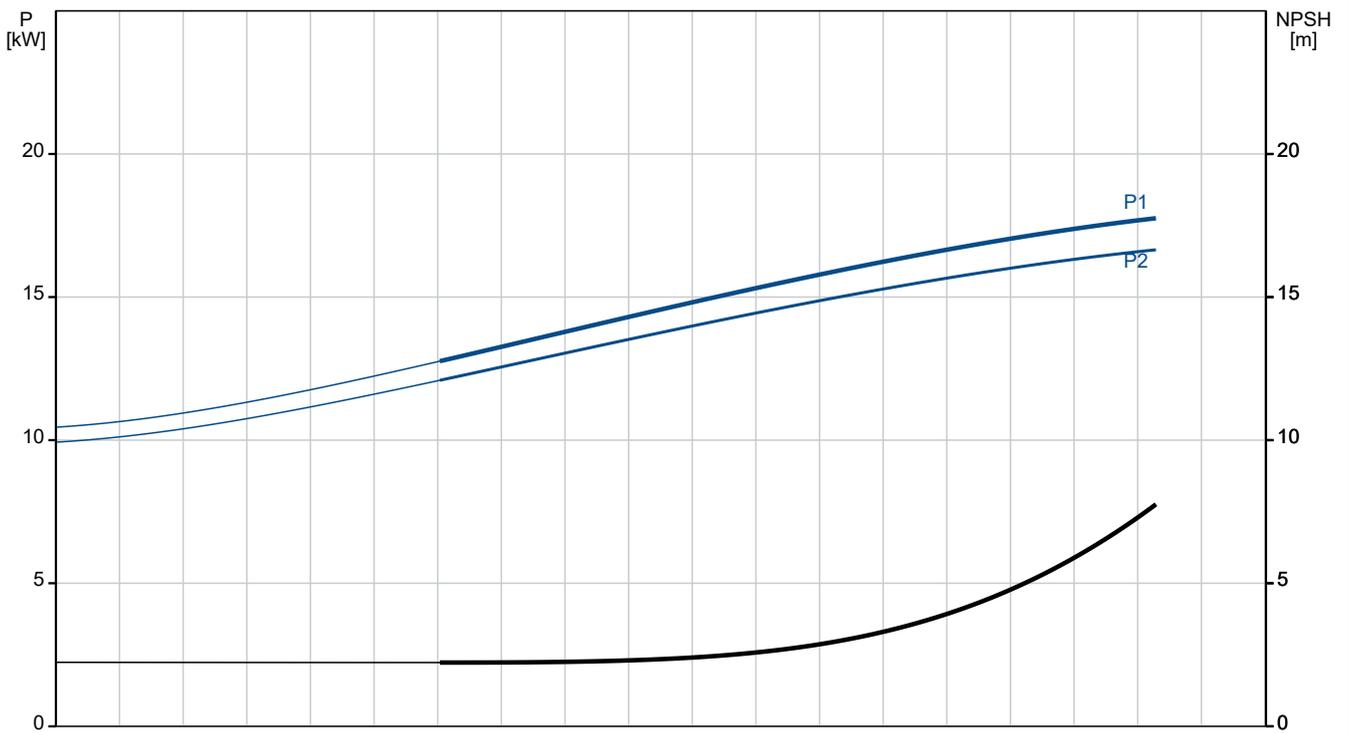
Qty.	Description
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1	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 160LB</p> <p>Rated power - P2: 18.5 kW</p> <p>Power (P2) required by pump: 18.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D/660-690Y V</p> <p>Rated current: 34,5-32,5/20,0-18,8 A</p> <p>Starting current: 830-980 %</p> <p>Cos phi - power factor: 0.89-0.85</p> <p>Rated speed: 2940-2950 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 92.4 %</p> <p>Motor efficiency at 3/4 load: 93.2-93.0 %</p> <p>Motor efficiency at 1/2 load: 93.2-92.2 %</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: 85U17528</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: 191 kg</p> <p>Gross weight: 224 kg</p> <p>Shipping volume: 0.495 m³</p>
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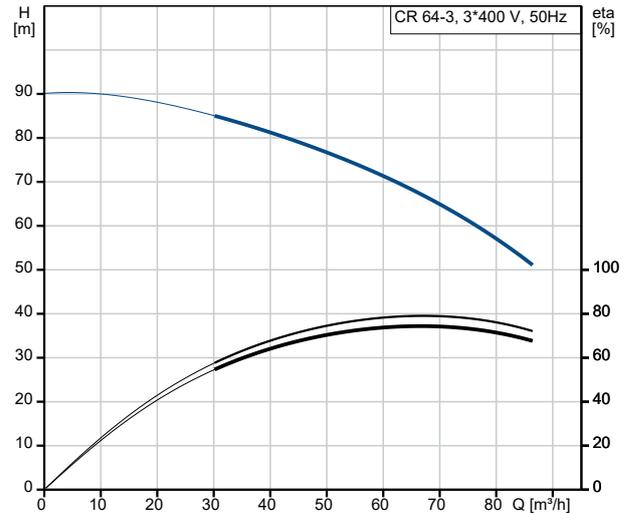
96605475 CR 64-3 A-F-A-E-HQBE 50 Hz



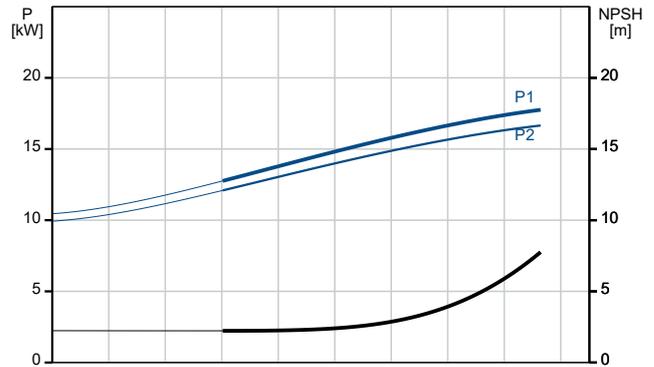
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CR 64-3 A-F-A-E-HQBE
Product No:	96605475
EAN number:	5700832175017
Technical:	
Pump speed on which pump data are based:	2934 rpm
Rated flow:	64 m ³ /h
Rated head:	68 m
Maximum head:	90.3 m
Stages:	3
Impellers:	3
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQBE
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Materials:	
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
Installation:	
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 / 0 °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
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC
Motor type:	160LB
Rated power - P2:	18.5 kW
Power (P2) required by pump:	18.5 kW
Mains frequency:	50 Hz



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





Company name:

Created by:

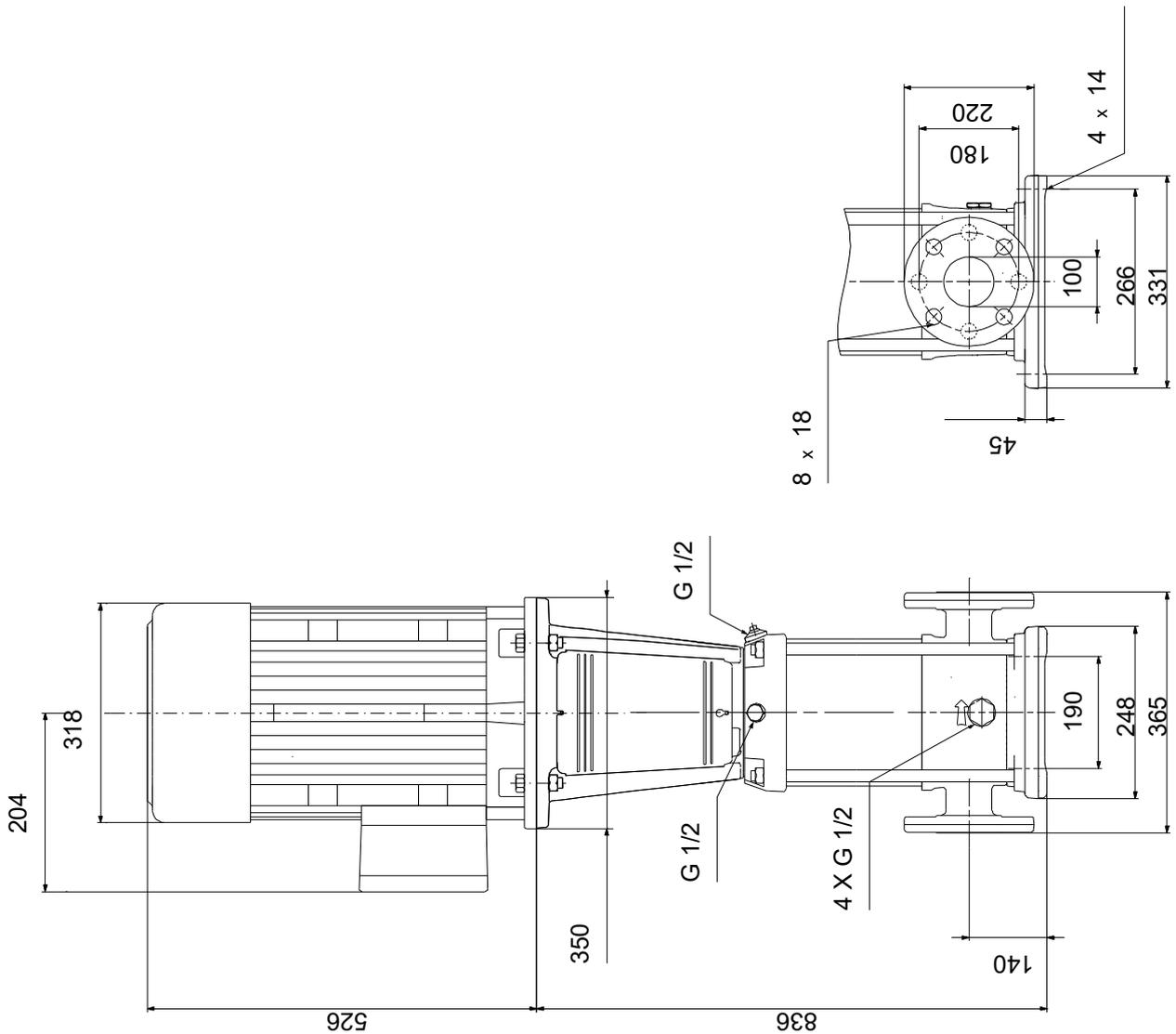
Phone:

Date:

13/07/2024

Description	Value
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	34,5-32,5/20,0-18,8 A
Starting current:	830-980 %
Cos phi - power factor:	0.89-0.85
Rated speed:	2940-2950 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	92.4 %
Motor efficiency at 3/4 load:	93.2-93.0 %
Motor efficiency at 1/2 load:	93.2-92.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17528
Controls:	
Frequency converter:	None
Others:	
Terminal box position:	6
Minimum efficiency index, MEI \geq :	0.70
Net weight:	191 kg
Gross weight:	224 kg
Shipping volume:	0.495 m ³
Sales region:	United Arab Emirates

96605475 CR 64-3 A-F-A-E-HQBE 50 Hz



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