

Qty. Description

1 CR 64-2 A-F-A-E-HQBE



Note! Product picture may differ from actual product

Product No.: [96605472](#)

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: 2924 rpm
Rated flow: 64 m³/h
Rated head: 44.3 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



Company name:

Created by:

Phone:

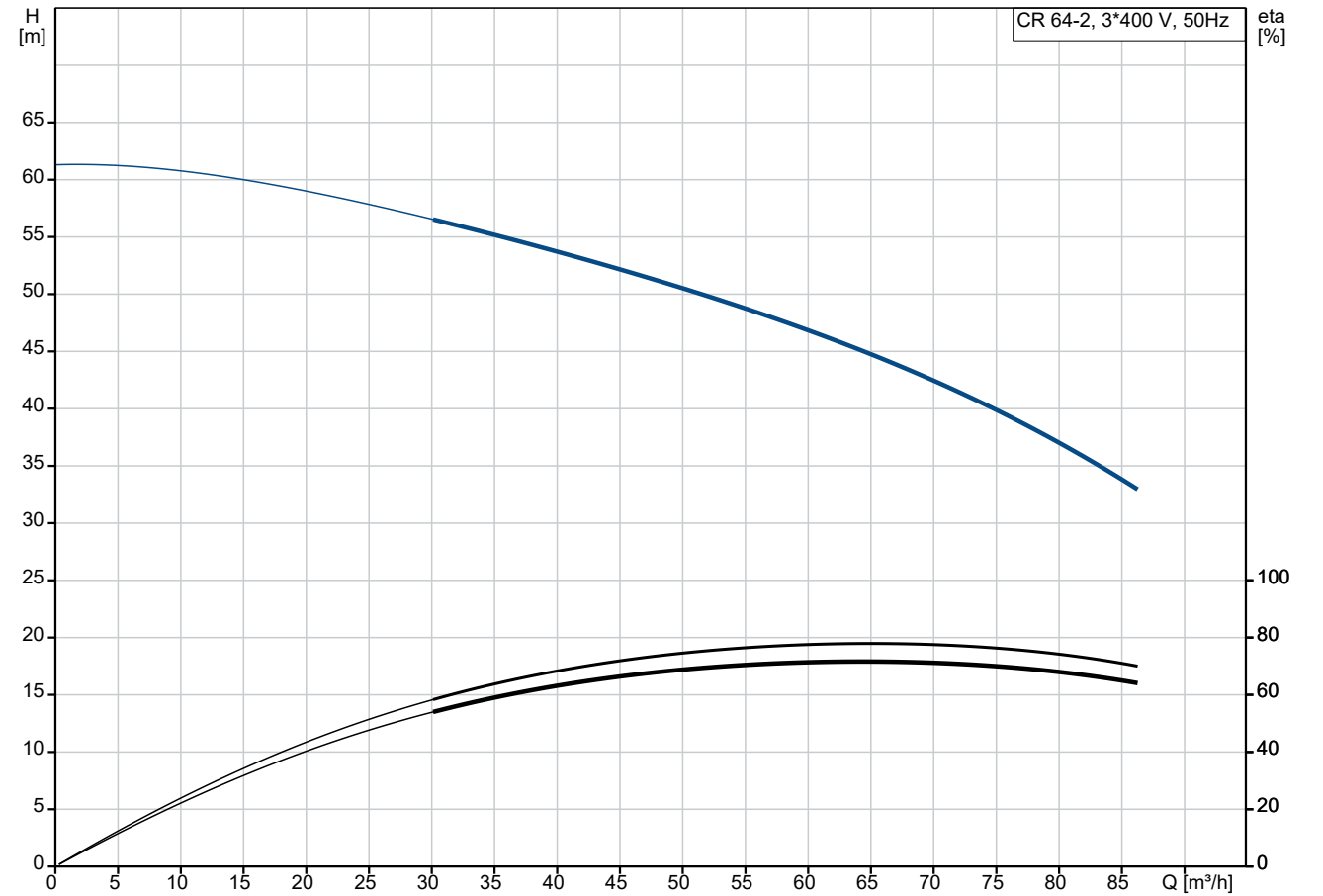
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13/07/2024

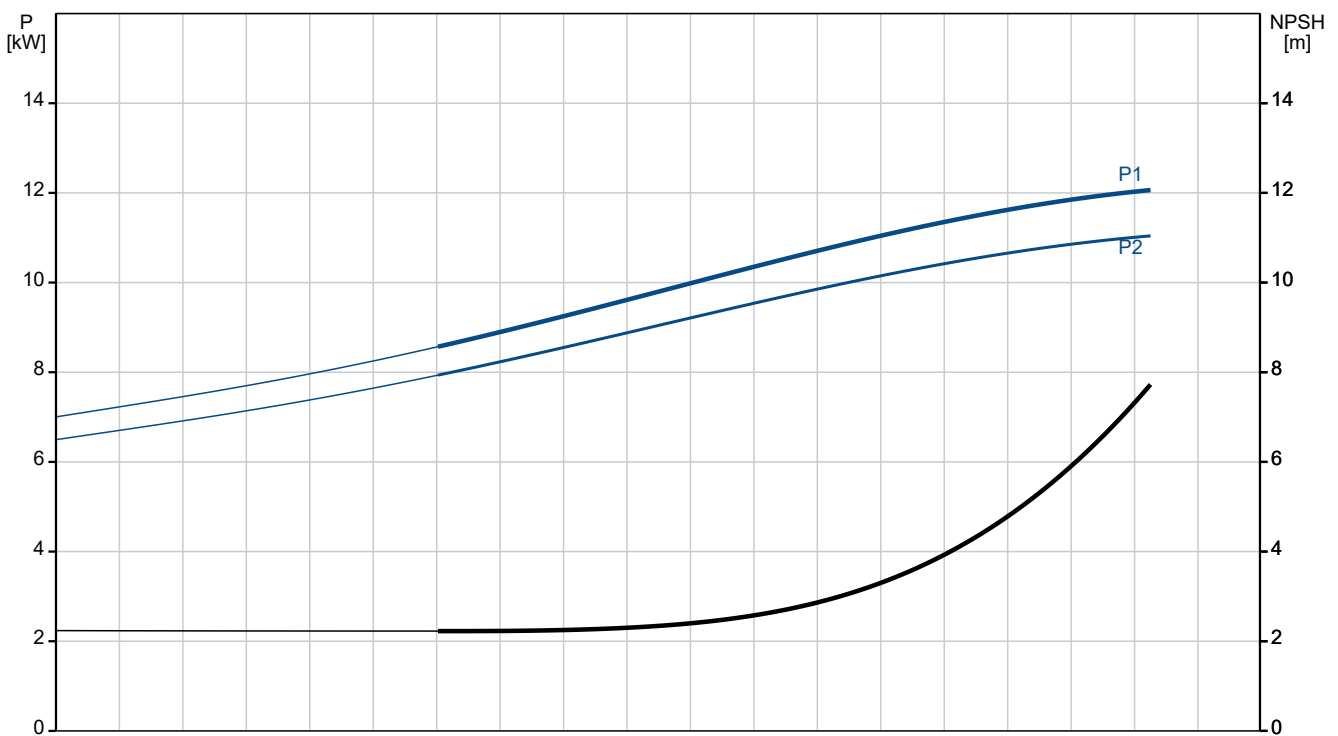
Qty.	Description
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1	Electrical data:
	Motor standard: IEC
	Motor type: 160MB
	Rated power - P2: 11 kW
	Power (P2) required by pump: 11 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 380-415D/660-690Y V
	Rated current: 20,8-19,8/12,0-11,8 A
	Starting current: 660-780 %
	Cos phi - power factor: 0.88-0.84
	Rated speed: 2940-2950 rpm
	IE Efficiency class: IE3
	Motor efficiency at full load: 91.2 %
	Motor efficiency at 3/4 load: 91.8 %
	Motor efficiency at 1/2 load: 91.3-91.2 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U17524
	Controls:
	Frequency converter: None
	Others:
	Terminal box position: 6
	Minimum efficiency index, MEI ≥: 0.70
	Net weight: 162 kg
	Gross weight: 195 kg
	Shipping volume: 0.495 m³

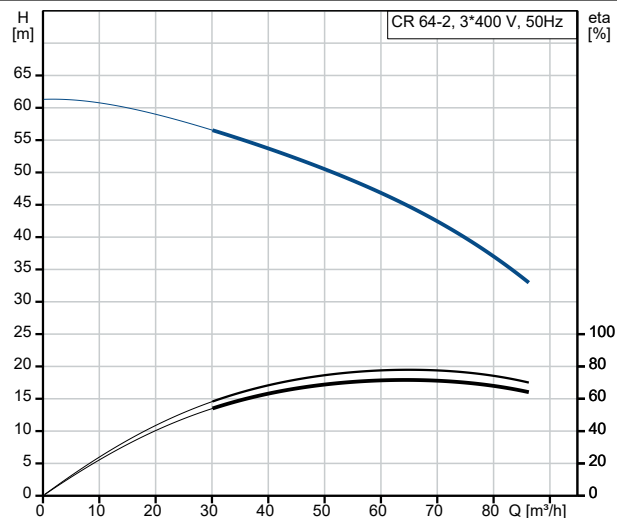
96605472 CR 64-2 A-F-A-E-HQBE 50 Hz



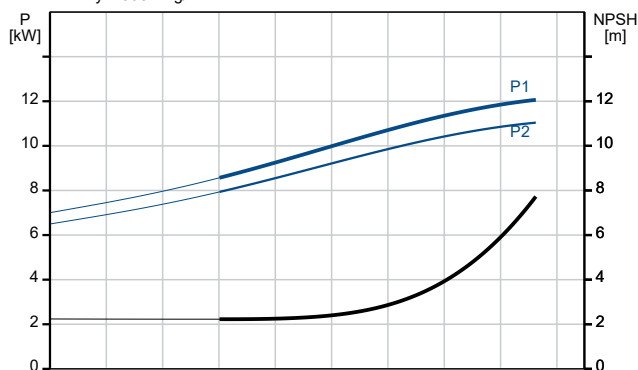
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CR 64-2 A-F-A-E-HQBE
Product No:	96605472
EAN number:	5700832174980
Technical:	
Pump speed on which pump data are based:	2924 rpm
Rated flow:	64 m³/h
Rated head:	44.3 m
Maximum head:	60.9 m
Stages:	2
Impellers:	2
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/m³
Electrical data:	
Motor standard:	IEC
Motor type:	160MB
Rated power - P2:	11 kW
Power (P2) required by pump:	11 kW
Mains frequency:	50 Hz



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





Company name:

Created by:

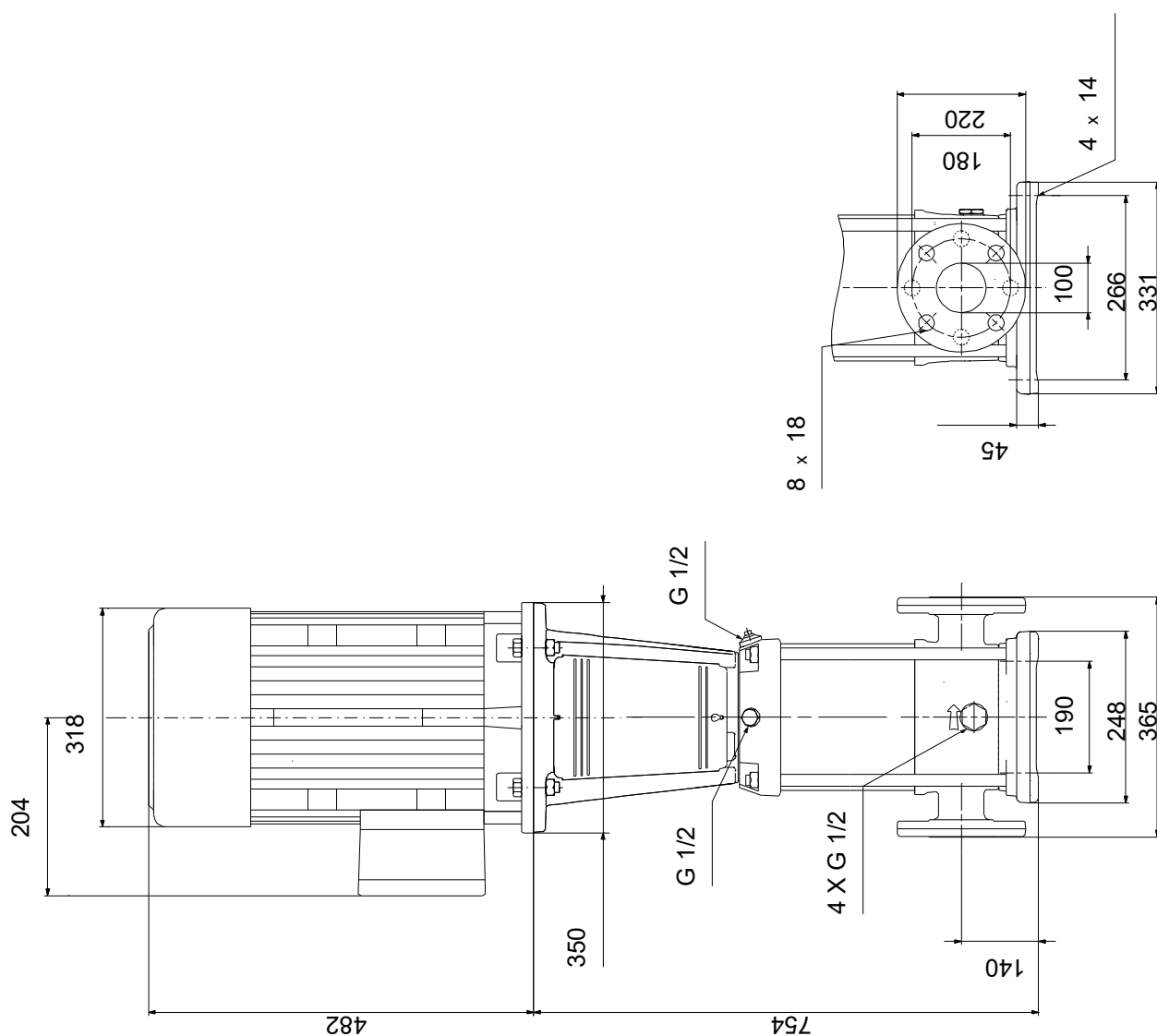
Phone:

Date:

13/07/2024

Description	Value
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	20,8-19,8/12,0-11,8 A
Starting current:	660-780 %
Cos phi - power factor:	0.88-0.84
Rated speed:	2940-2950 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	91.2 %
Motor efficiency at 3/4 load:	91.8 %
Motor efficiency at 1/2 load:	91.3-91.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17524
Controls:	
Frequency converter:	None
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	162 kg
Gross weight:	195 kg
Shipping volume:	0.495 m³
Sales region:	United Arab Emirates

96605472 CR 64-2 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.