

Qty. Description

1 CR 5-24 A-FGJ-A-E-HQBE



Note! Product picture may differ from actual product

Product No.: [97842039](#)

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 combined DIN-ANSI-JIS 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: 2917 rpm
Rated flow: 5.8 m³/h
Rated head: 125.5 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:

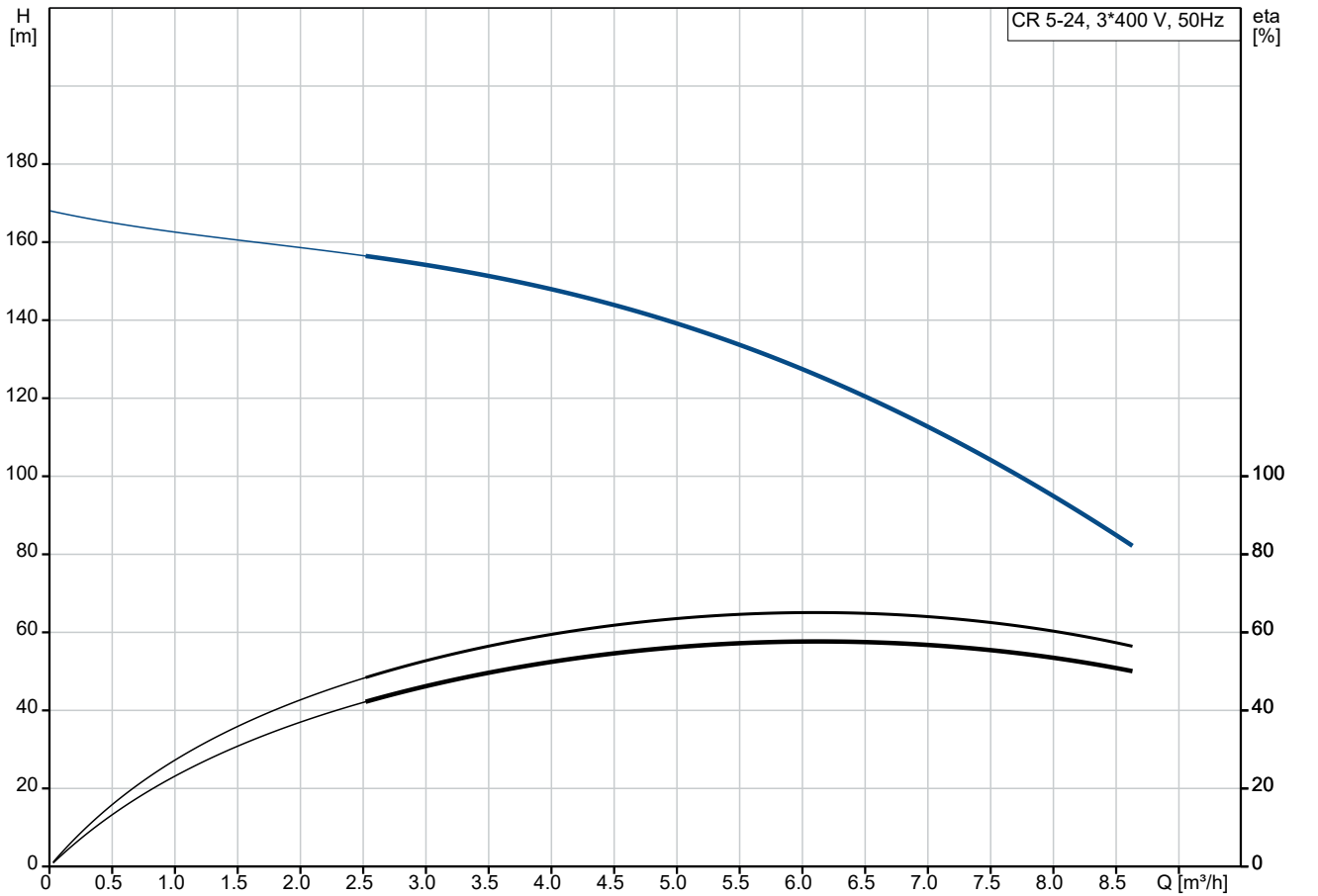
Base: Cast iron
EN 1561 EN-GJL-200
ASTM A48-25B
Impeller: Stainless steel
EN 1.4301
AISI 304
Bearing: SIC

Installation:

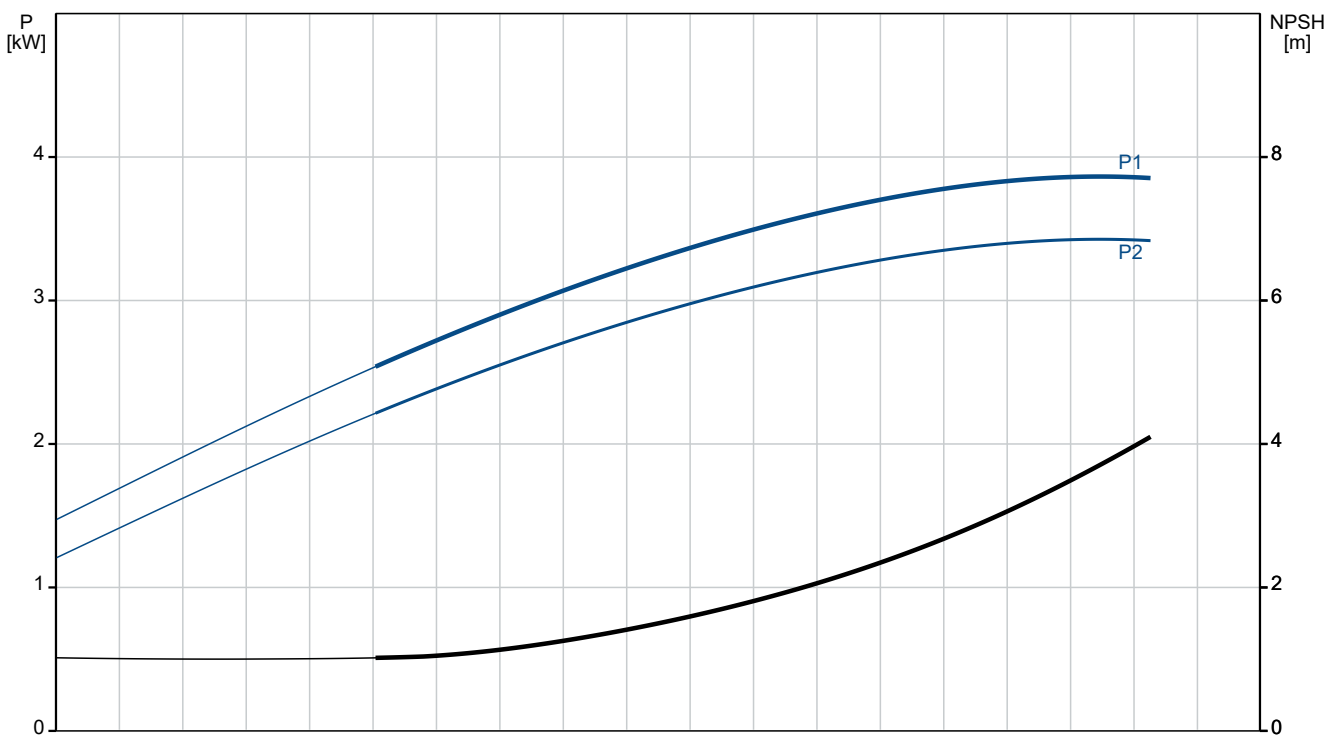
Maximum ambient temperature: 60 °C
Maximum operating pressure: 25 bar
Max pressure at stated temp: 25 bar / 120 °C
25 bar / 0 °C
Type of connection: DIN / ANSI / JIS
Size of inlet connection: DN 25/32
Size of outlet connection: DN 25/32
Pressure rating for connection: PN 25
Flange rating inlet: 250 lb
Flange size for motor: FT130

Qty.	Description
1	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 112MC</p> <p>Rated power - P2: 4 kW</p> <p>Power (P2) required by pump: 4 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D V</p> <p>Rated current: 7.9 A</p> <p>Starting current: 1000-1110 %</p> <p>Cos phi - power factor: 0.87</p> <p>Rated speed: 2920-2940 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 88.1 %</p> <p>Motor efficiency at 3/4 load: 88.6-88.2 %</p> <p>Motor efficiency at 1/2 load: 85.2-88.1 %</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: 85U15413</p> <p>Controls:</p> <p>Frequency converter: None</p> <p>Others:</p> <p>Terminal box position: 6</p> <p>Minimum efficiency index, MEI ≥: 0.57</p> <p>Net weight: 67.4 kg</p> <p>Gross weight: 72.1 kg</p> <p>Shipping volume: 0.148 m³</p>

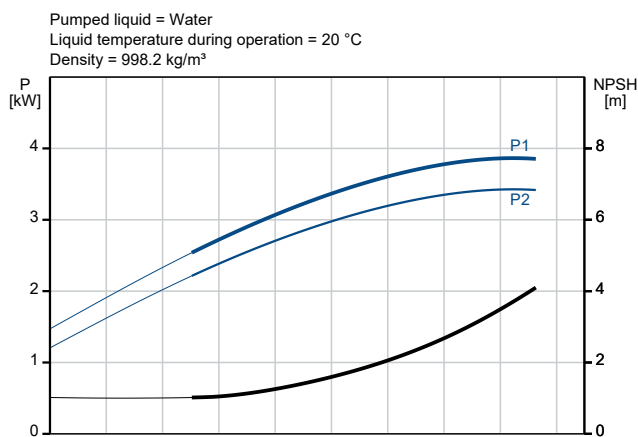
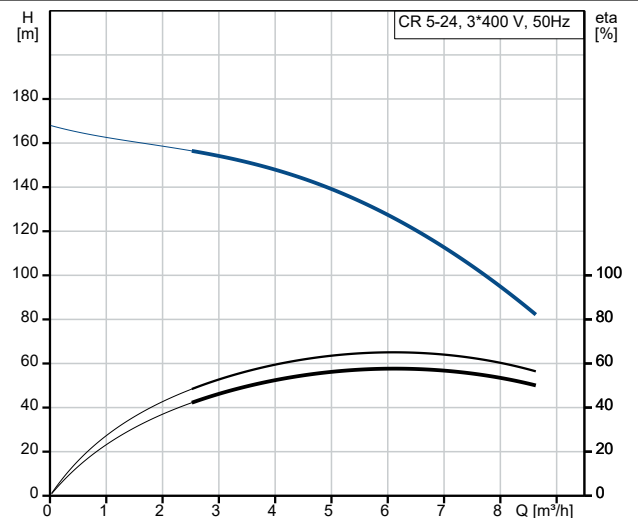
97842039 CR 5-24 A-FGJ-A-E-HQBE 50 Hz



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



Description	Value
General information:	
Product name:	CR 5-24 A-FGJ-A-E-HQBE
Product No:	97842039
EAN number:	5710625597582
Technical:	
Pump speed on which pump data are based:	2917 rpm
Rated flow:	5.8 m³/h
Rated head:	125.5 m
Maximum head:	163.9 m
Stages:	24
Impellers:	24
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:	A
Materials:	
Base:	Cast iron
Base:	EN 1561 EN-GJL-200
Base:	ASTM A48-25B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C
Max pressure at stated temp:	25 bar / 0 °C
Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32
Size of outlet connection:	DN 25/32
Pressure rating for connection:	PN 25
Flange rating inlet:	250 lb
Flange size for motor:	FT130
Connect code:	FGJ
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:	112MC
Rated power - P2:	4 kW
Power (P2) required by pump:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D V
Rated current:	7.9 A





Company name:

Created by:

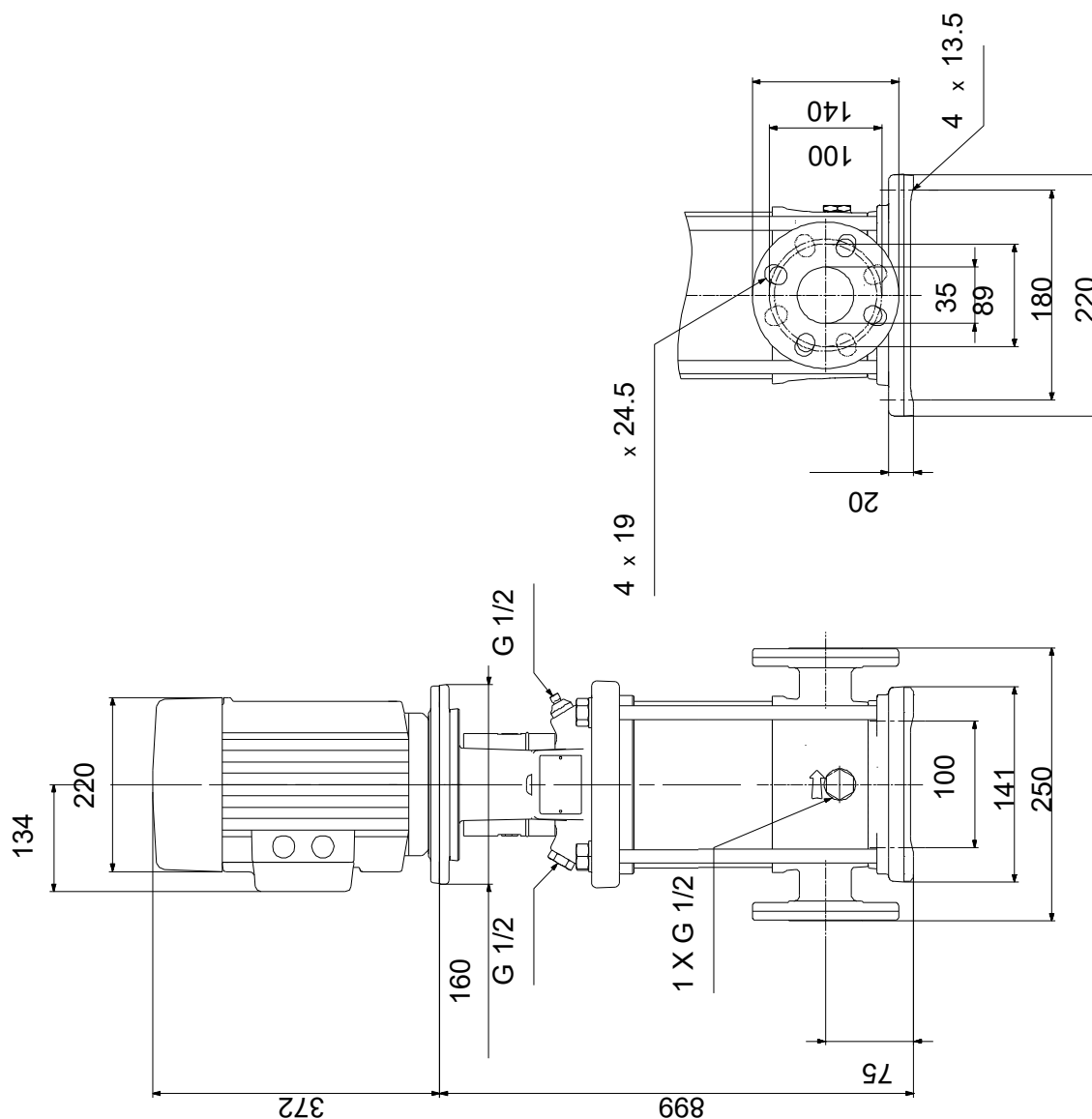
Phone:

Date:

13/07/2024

Description	Value
Starting current:	1000-1110 %
Cos phi - power factor:	0.87
Rated speed:	2920-2940 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	88.1 %
Motor efficiency at 3/4 load:	88.6-88.2 %
Motor efficiency at 1/2 load:	85.2-88.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U15413
Controls:	
Frequency converter:	None
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.57
Net weight:	67.4 kg
Gross weight:	72.1 kg
Shipping volume:	0.148 m ³
Sales region:	United Arab Emirates

97842039 CR 5-24 A-FGJ-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.