

**Qty. Description**

1 CR 5-32 A-FGJ-A-E-HQBE



**Note! Product picture may differ from actual product**

Product No.: [97842044](#)

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: 2919 rpm  
Rated flow: 5.8 m³/h  
Rated head: 168.6 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:**

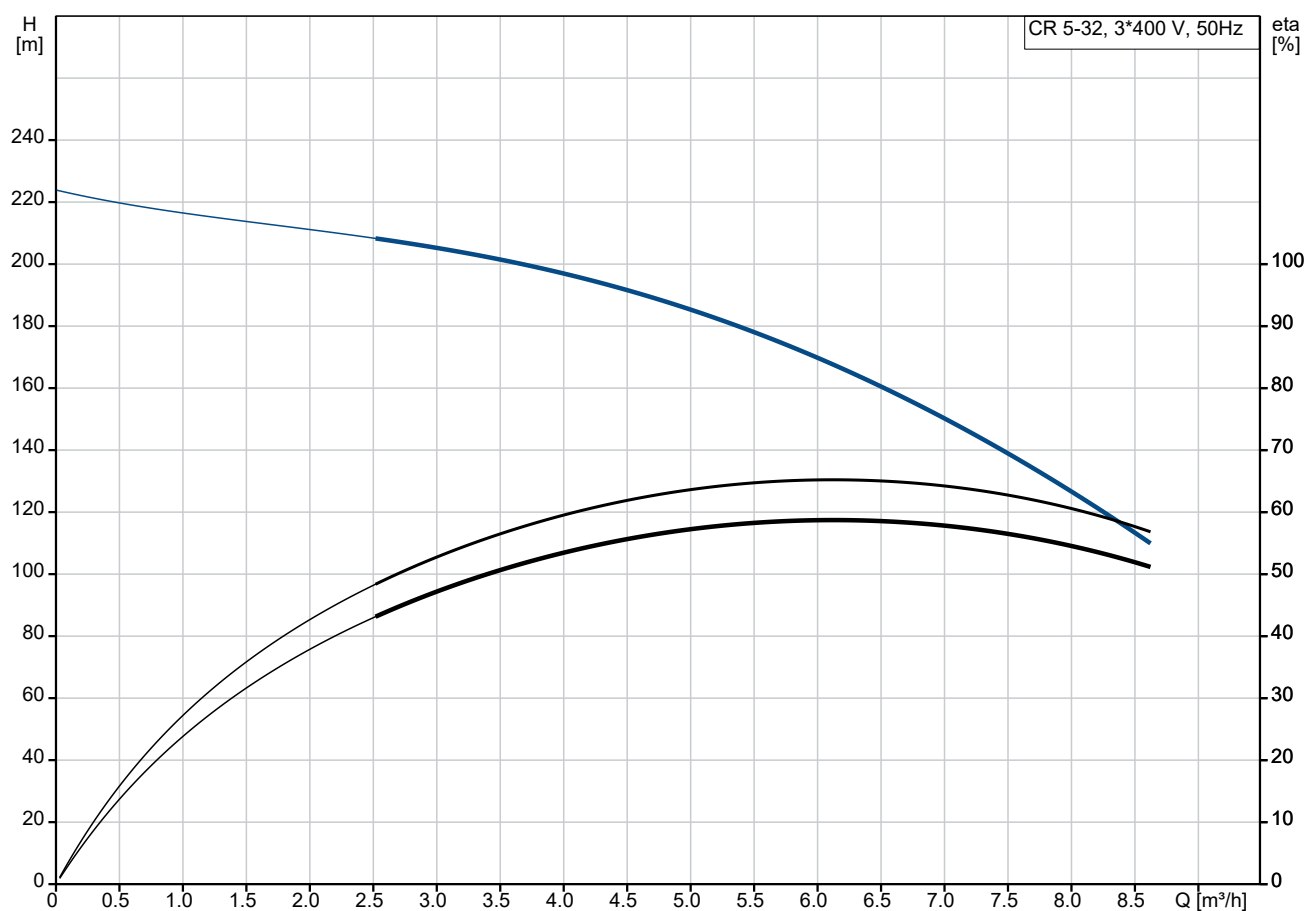
Base: Cast iron  
EN 1561 EN-GJL-200  
ASTM A48-25B  
Impeller: Stainless steel  
EN 1.4301  
AISI 304  
Bearing: SIC

**Installation:**

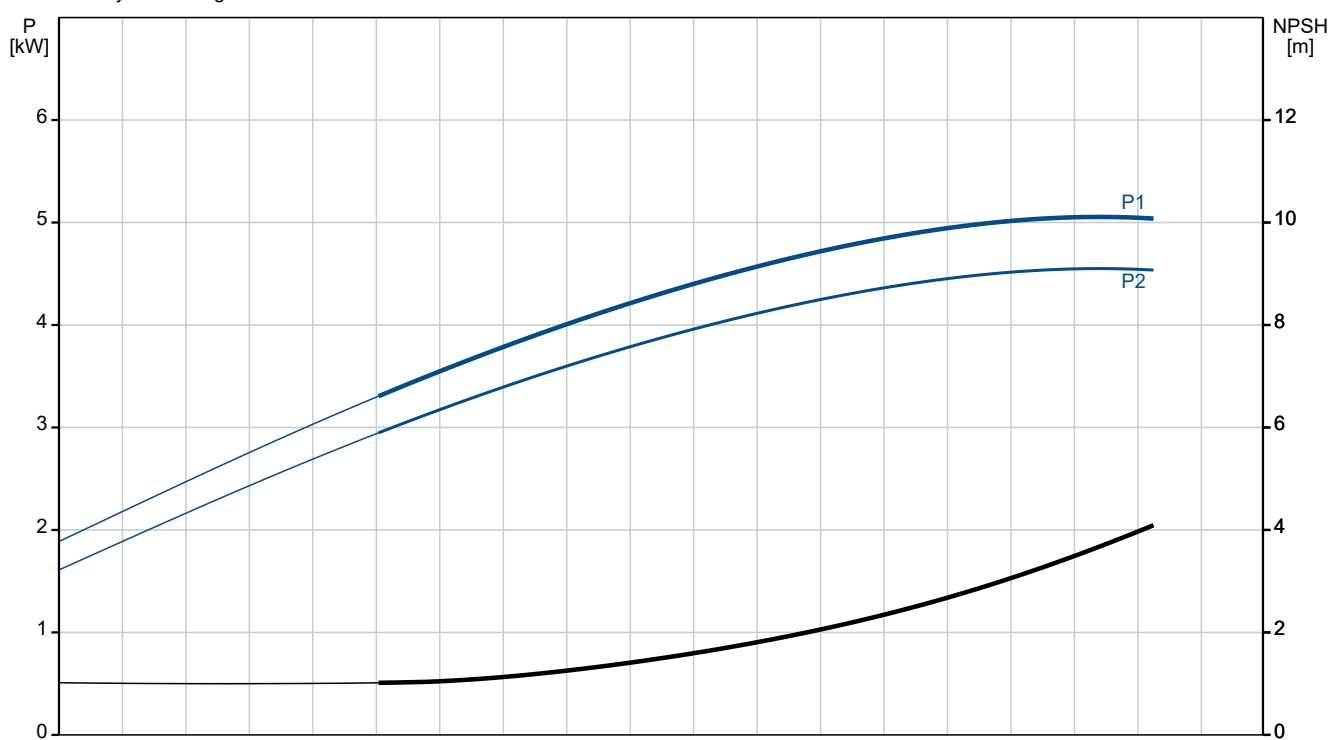
Maximum ambient temperature: 60 °C  
Maximum operating pressure: 25 bar  
Max pressure at stated temp: 25 bar / 120 °C  
25 bar / 0 °C  
Type of connection: DIN / ANSI / JIS  
Size of inlet connection: DN 25/32  
Size of outlet connection: DN 25/32  
Pressure rating for connection: PN 25  
Flange rating inlet: 250 lb  
Flange size for motor: FF265

Qty.	Description
1	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 132SC</p> <p>Rated power - P2: 5.5 kW</p> <p>Power (P2) required by pump: 5.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D V</p> <p>Rated current: 11 A</p> <p>Starting current: 1080-1180 %</p> <p>Cos phi - power factor: 0.87-0.82</p> <p>Rated speed: 2920-2940 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 89.2 %</p> <p>Motor efficiency at 3/4 load: 90.0-89.8 %</p> <p>Motor efficiency at 1/2 load: 89.6-88.4 %</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: 85U17417</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: 82.6 kg</p> <p>Gross weight: 108 kg</p> <p>Shipping volume: 0.429 m³</p>

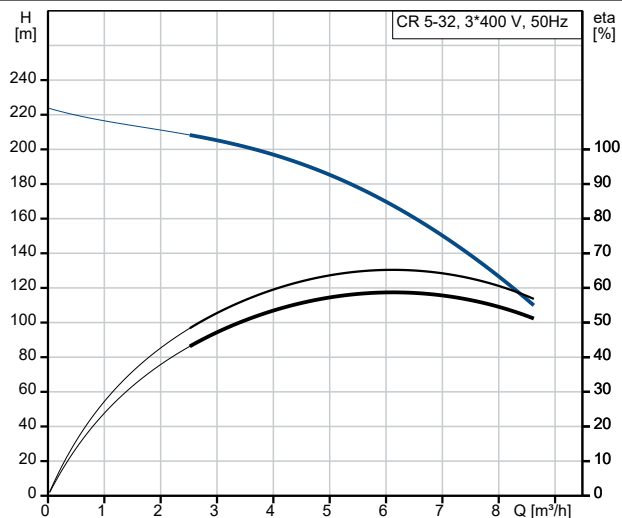
## 97842044 CR 5-32 A-FGJ-A-E-HQBE 50 Hz



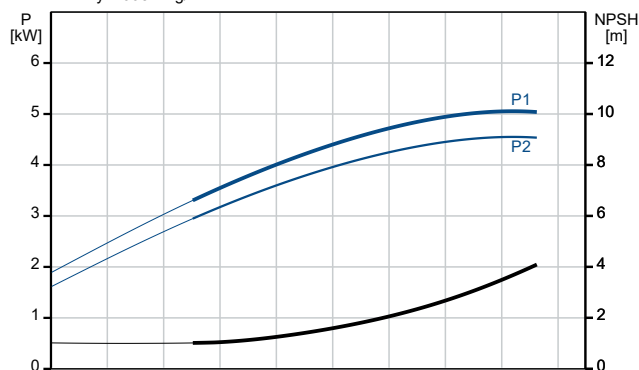
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



Description	Value
<b>General information:</b>	
Product name:	CR 5-32 A-FGJ-A-E-HQBE
Product No:	97842044
EAN number:	5710625597605
<b>Technical:</b>	
Pump speed on which pump data are based:	2919 rpm
Rated flow:	5.8 m³/h
Rated head:	168.6 m
Maximum head:	218.8 m
Stages:	32
Impellers:	32
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
<b>Materials:</b>	
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
<b>Installation:</b>	
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:	FF265
Connect code:	FGJ
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	132SC
Rated power - P2:	5.5 kW
Power (P2) required by pump:	5.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D V
Rated current:	11 A



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





Company name:

Created by:

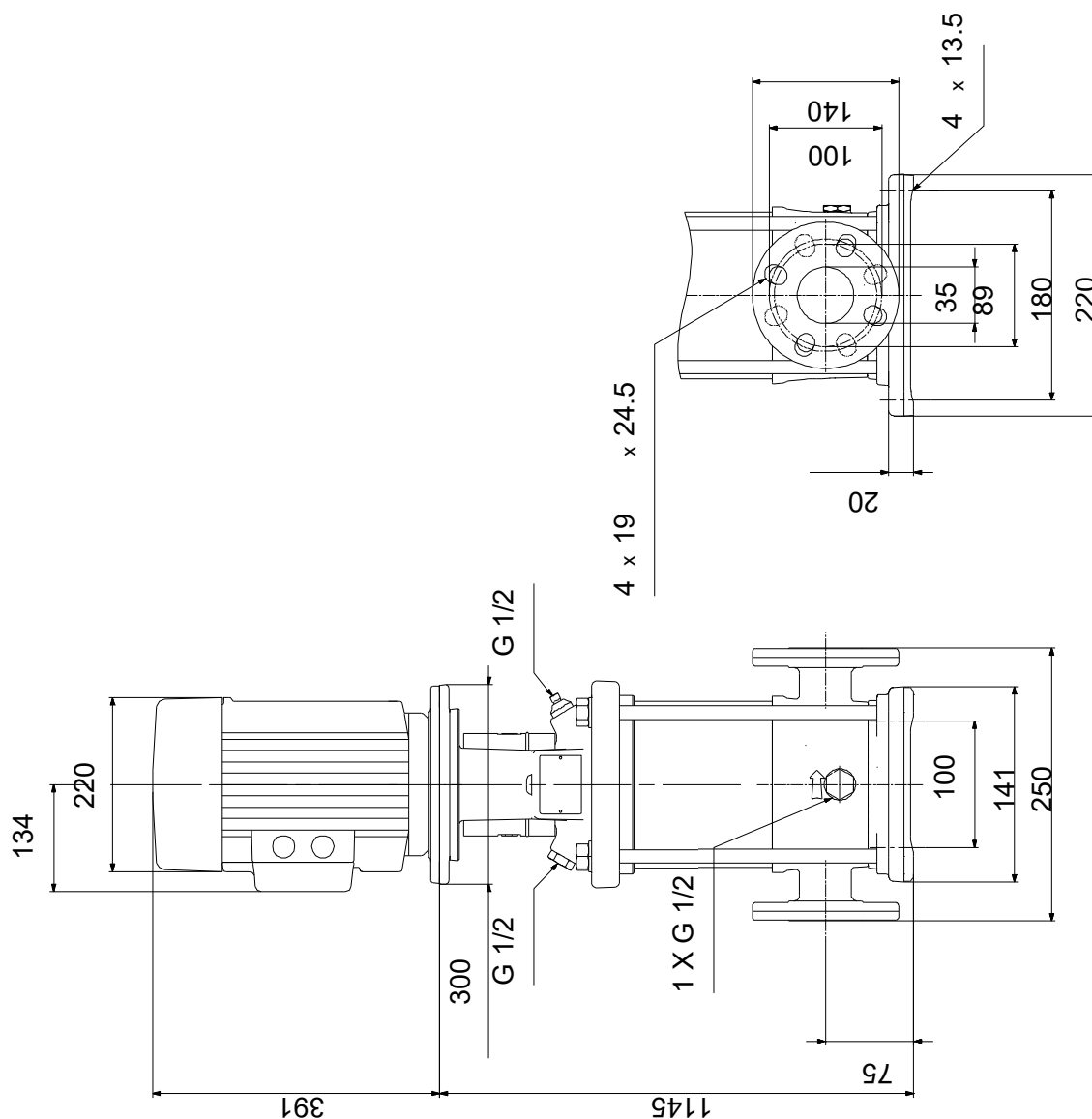
Phone:

Date:

13/07/2024

Description	Value
Starting current:	1080-1180 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2920-2940 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	89.2 %
Motor efficiency at 3/4 load:	90.0-89.8 %
Motor efficiency at 1/2 load:	89.6-88.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17417
<b>Controls:</b>	
Frequency converter:	None
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.57
Net weight:	82.6 kg
Gross weight:	108 kg
Shipping volume:	0.429 m <sup>3</sup>
Sales region:	United Arab Emirates

## 97842044 CR 5-32 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.