


Position	Qty.	Description
	1	<p>CR 5-29 A-FGJ-A-E-HQQE</p>  <p>Product No.: 96513392</p> <p>Vertical, multistage centrifugal pump with suction and discharge ports on same the level (in-line) enabling installation in a horizontal one-pipe system. The pump head and base are in cast iron – all other wetted parts are in stainless steel.</p> <p>A cartridge shaft seal ensures high reliability, safe handling and easy service and access. Power transmission is via a split coupling. Pipework connection is via combined DIN-ANSI-JIS flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Liquid:</p> <p>Pumped liquid: Water Liquid temperature range: -20 .. 120 °C Liquid temp: 20 °C Density: 998.2 kg/m³</p> <p>Technical:</p> <p>Speed for pump data: 2917 rpm Rated flow: 5.8 m³/h Rated head: 150.4 m Primary shaft seal: HQQE Approvals on nameplate: CE,TR Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Pump housing: Cast iron EN-JL1030 ASTM A48-30 B</p> <p>Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304</p> <p>Bush material: NONE</p> <p>Installation:</p> <p>Maximum ambient temperature: 60 °C Max pressure at stated temp: 25 bar / 120 °C 25 bar / -20 °C</p> <p>Flange standard: DIN Pipe connection: DN 25 / DN 32 Pressure stage: PN 16 / PN 25 Flange size for motor: FT130</p> <p>Electrical data:</p> <p>Motor type: 112MC IE Efficiency class: IE3 Rated power - P2: 4 kW Power (P2) required by pump: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D V</p>



Company name:

Created by:

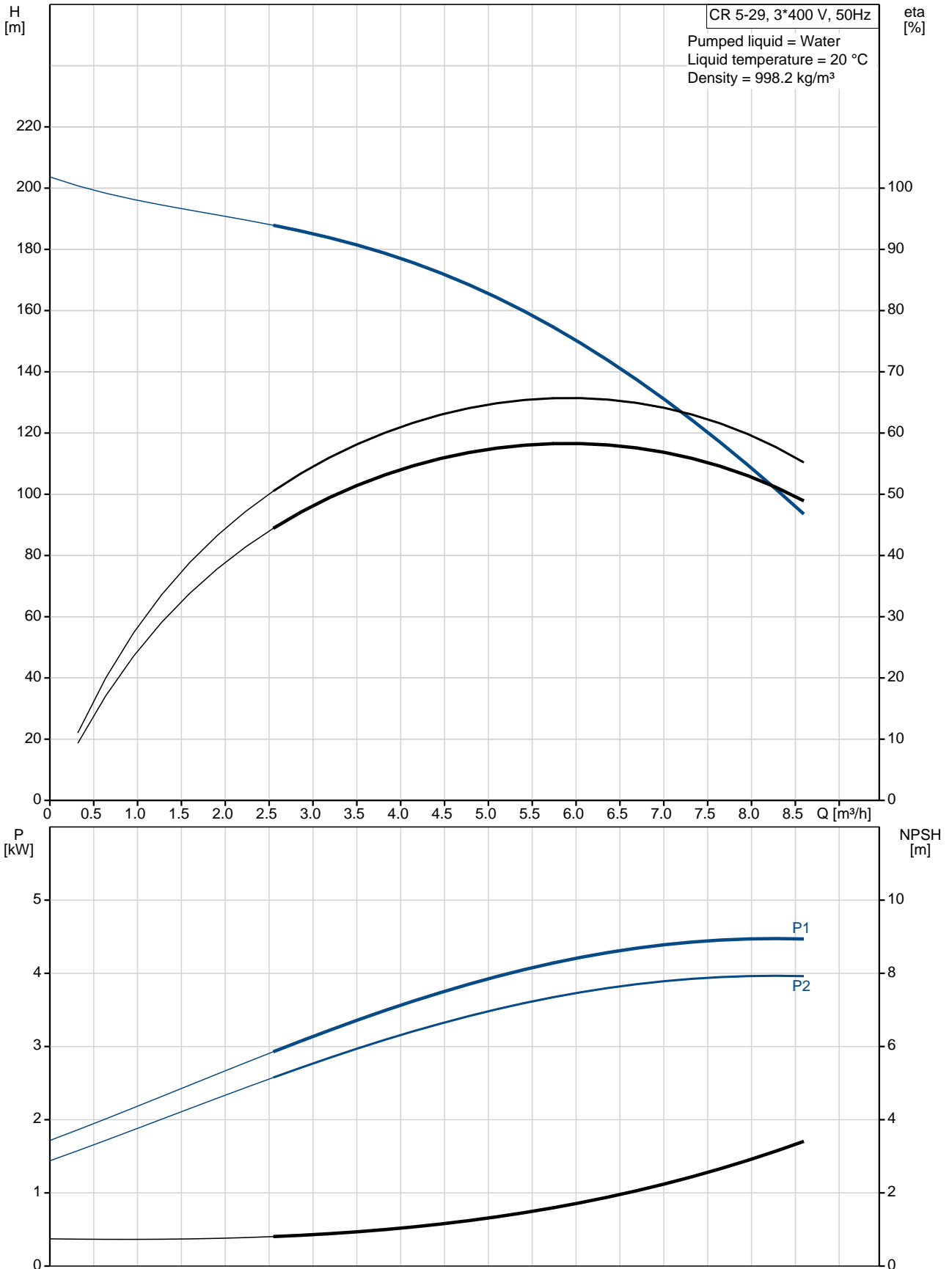
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04/01/2017

Position	Qty.	Description
		Rated current: 7.9 A Starting current: 1000-1110 % Cos phi - power factor: 0,87-0,87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 3/4 load: 88.6 % Motor efficiency at 1/2 load: 85.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Others: Label: Grundfos Blueflux Minimum efficiency index, MEI : 0.57 Net weight: 70.4 kg Gross weight: 91 kg Shipping volume: 0.2 m ³

96513392 CR 5-29 50 Hz



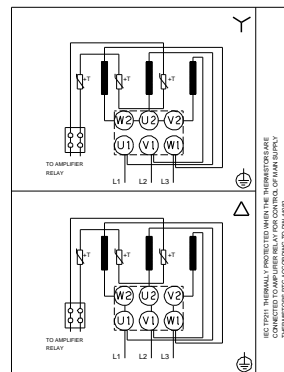
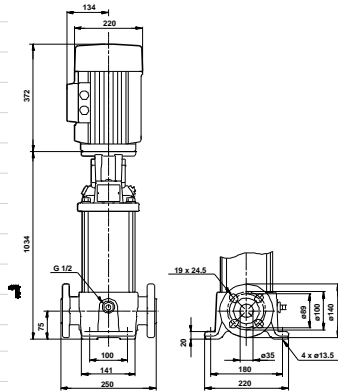
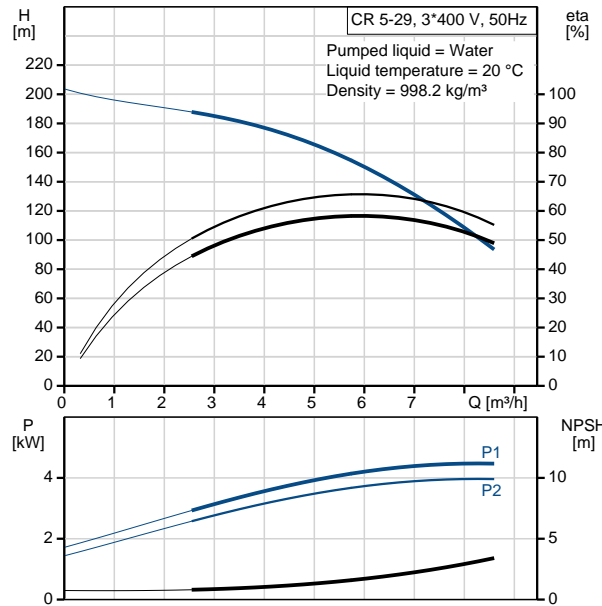
Description	Value
General information:	
Product name:	CR 5-29 A-FGJ-A-E-HQQE
Product No:	96513392
EAN number:	5700396639567
Price:	On request
Technical:	
Speed for pump data:	2917 rpm
Rated flow:	5.8 m³/h
Rated head:	150.4 m
Head max:	197.5 m
Impellers:	29
Primary shaft seal:	HQQE
Approvals on nameplate:	CE,TR
Curve tolerance:	ISO9906:2012 3B
Pump type:	CR 5
Stages:	29
Pump version:	A
Model:	A

Materials:	
Pump housing:	Cast iron EN-JL1030 ASTM A48-30 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Material code:	A
Code for rubber:	E
Bush material:	NONE

Installation:	
Maximum ambient temperature:	60 °C
Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C
Flange standard:	DIN
Connect code:	FGJ
Pipe connection:	DN 25 / DN 32
Pressure stage:	PN 16 / PN 25
Flange size for motor:	FT130

Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Liquid temp:	20 °C
Density:	998.2 kg/m³

Electrical data:	
Motor type:	112MC
IE Efficiency class:	IE3
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
Starting current:	1000-1110 %
Cos phi - power factor:	0,87-0,87
Rated speed:	2920-2940 rpm
Efficiency:	IE3 88,1%





Company name:

Created by:

Phone:

Date:

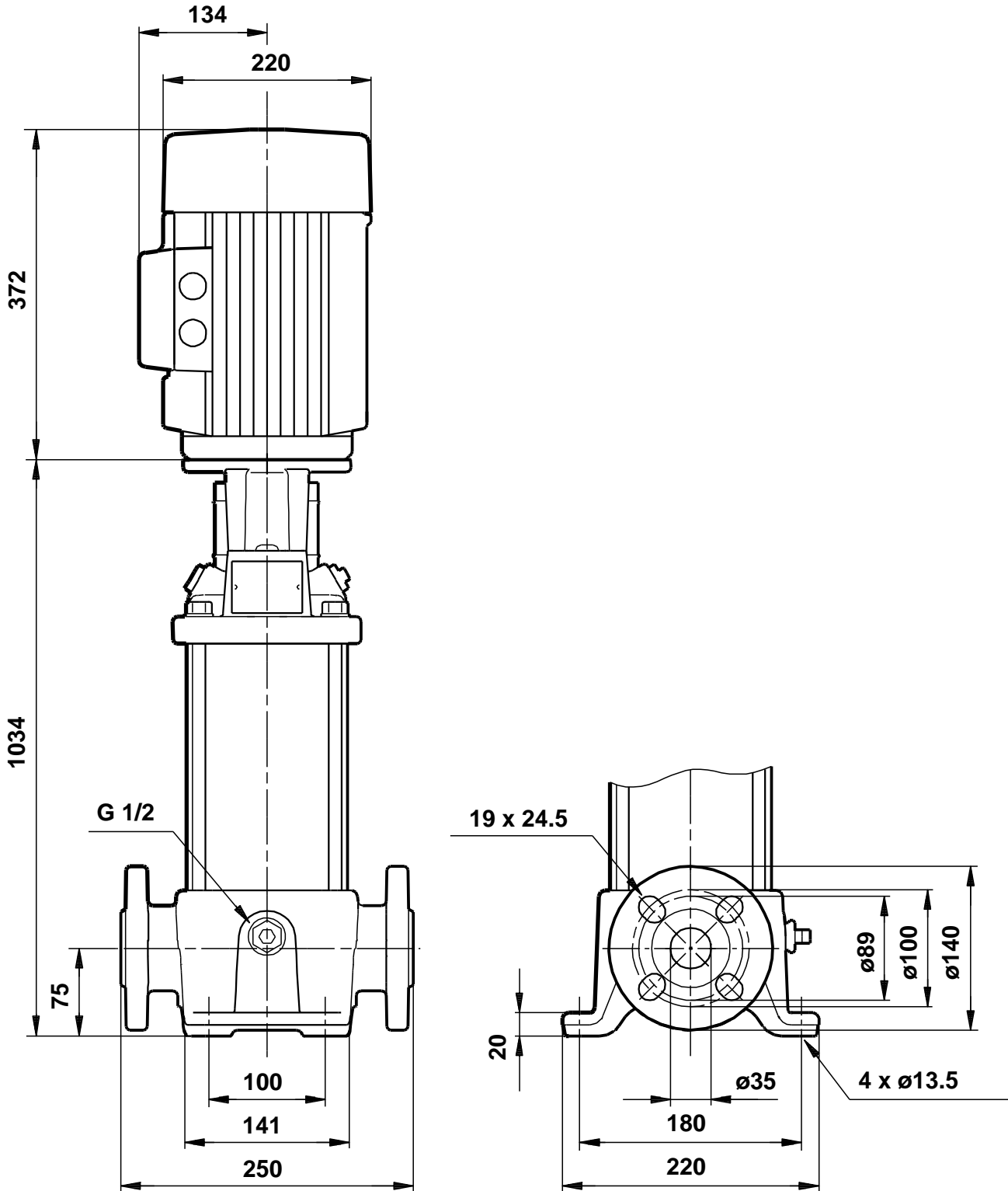
04/01/2017

Description	Value
Motor efficiency at full load:	88.1 %
Motor efficiency at 3/4 load:	88.6 %
Motor efficiency at 1/2 load:	85.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U15413

Others:

Label:	Grundfos Blueflux
Minimum efficiency index, MEI :	0.57
Net weight:	70.4 kg
Gross weight:	91 kg
Shipping volume:	0.2 m ³

96513392 CR 5-29 50 Hz



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