

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

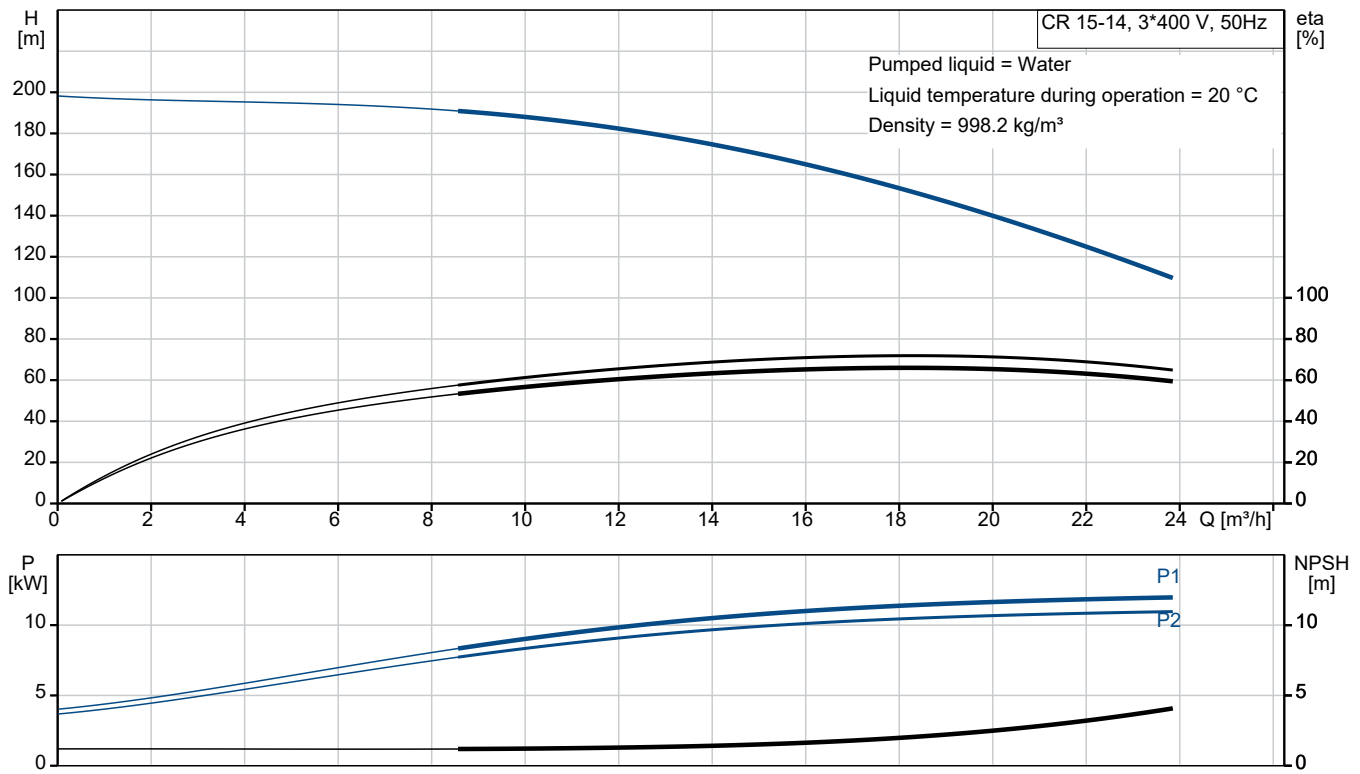


CR 15-14 A-F-A-V-HQQV

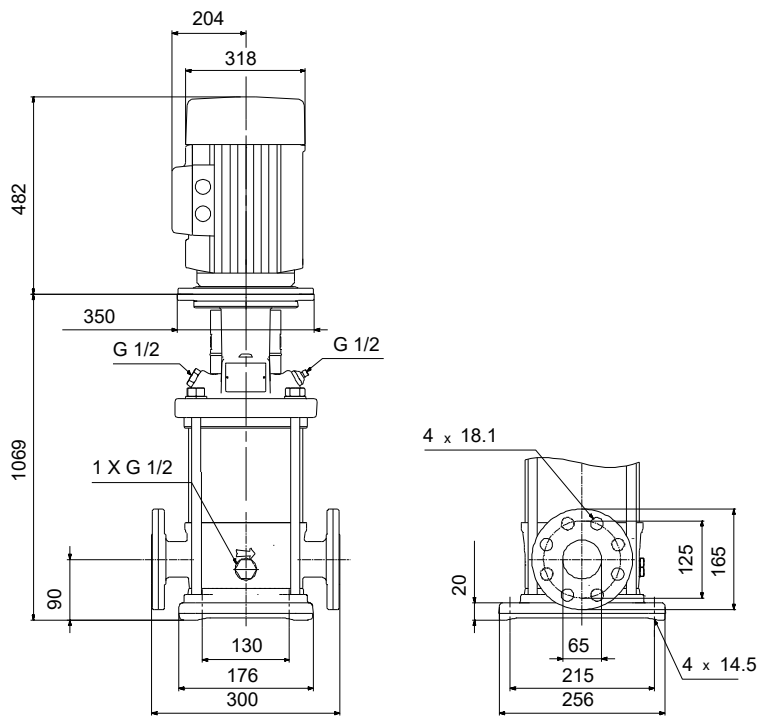
Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron - all other wetted parts are in stainless steel (EN 1.4301)

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water	Max pressure at stated temp: 25 bar / 90 °C	Rated power - P2: 11 kW
Temperature: 20 °C	Liquid temperature range: -20 .. 90 °C	Rated voltage: 380-415D/660-690Y V
Specific Gravity: 1.000	Maximum ambient temperature: 60 °C	Mains frequency: 50 Hz
	Shaft seal: HQQV	Enclosure class: 55 Dust/Jetting
	Product number: On request	Insulation class: F
		Motor protection: PTC
		Motor type: 160MB
		Eta 1/1: 91.2 %



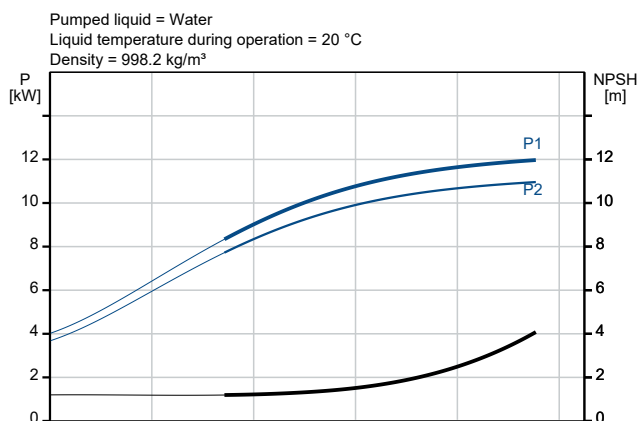
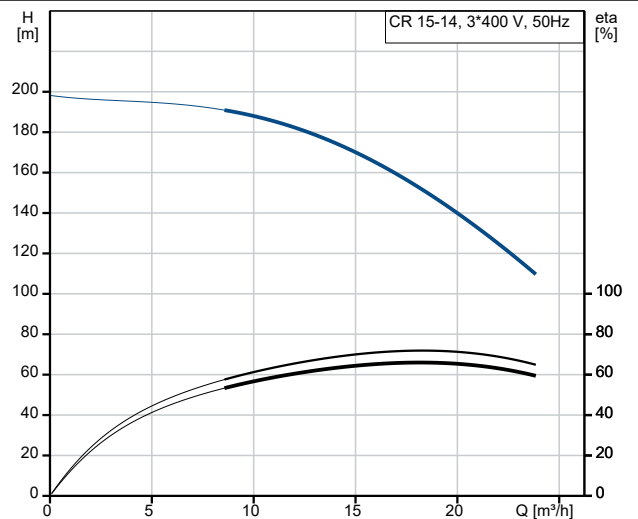
# Submittal Data



## Materials:

**Base:** Cast iron  
EN 1561 EN-GJL-200  
ASTM A48-25B  
**Impeller:** Stainless steel  
AISI 304  
EN 1.4301  
**Material code:** A  
**Code for rubber:** V

Description	Value
<b>General information:</b>	
Product name:	CR 15-14 A-F-A-V-HQQV
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2924 rpm
Rated flow:	17 m³/h
Rated head:	156.9 m
Maximum head:	197 m
Stages:	14
Impellers:	14
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Primary shaft seal:	HQQV
Code for shaft seal:	HQQV
Approvals:	CE,EAC,UKCA,SEPRO,
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Type key, code for materials:	A
Type key, code for rubber components. E = EPDM, V=FKM:	V
Base:	Cast iron EN 1561 EN-GJL-200 ASTM A48-25B
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	V
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C 25 bar / -20 °C
Type key, code for pipework connection:	F
Type of connection:	DIN
Size of inlet connection:	DN 50
Size of outlet connection:	DN 50
Pressure rating for connection:	PN 25
Flange size for motor:	FF300
Terminal box position:	6
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC





Company name:

Created by:

Phone:

Date:

14/01/2026

Description	Value
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
Built-in motor protection:	PTC
Motor No:	<a href="#">85U17524</a>
<b>Controls:</b>	
Terminal box position:	6
Frequency converter:	None
<b>Others:</b>	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	157 kg
Gross weight:	188 kg
Shipping volume:	0.619 m³

