

Submittal Data

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

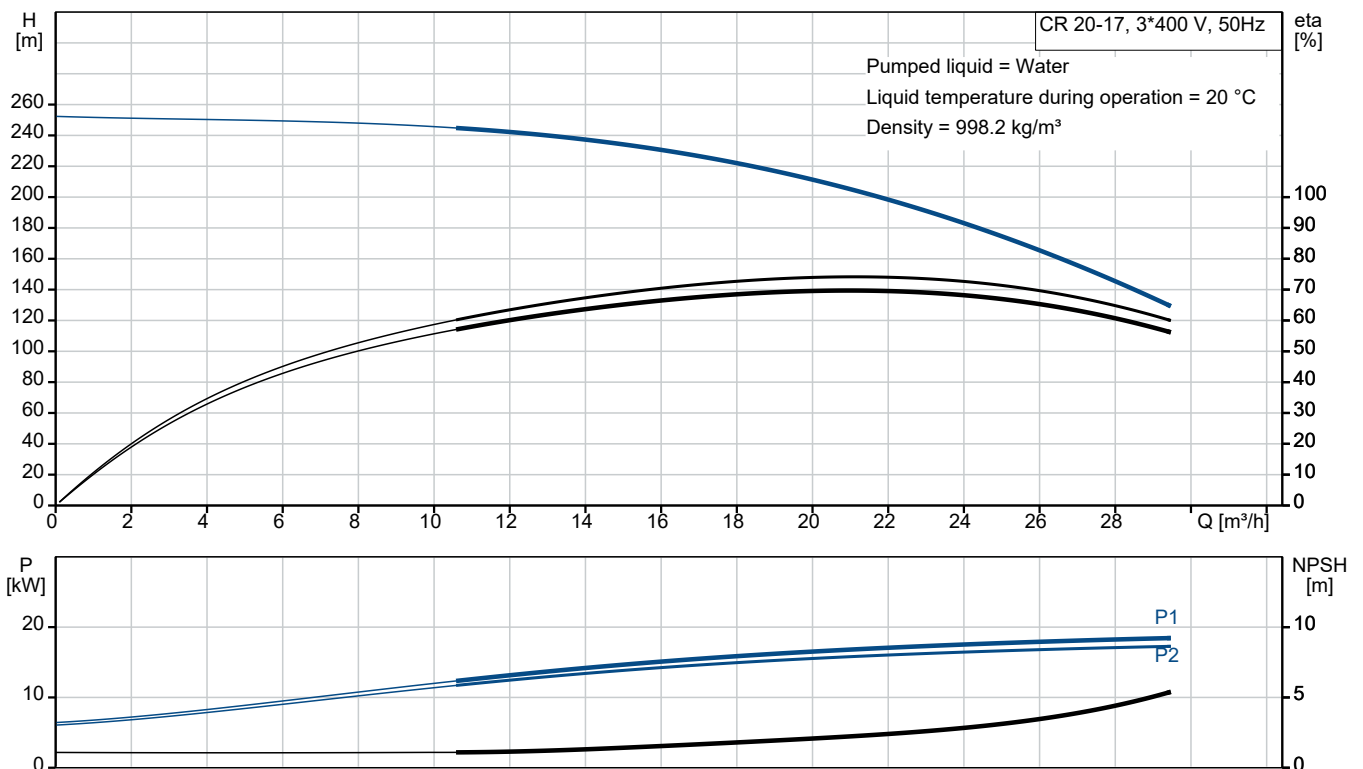


CR 20-17 A-F-A-E-HQBE

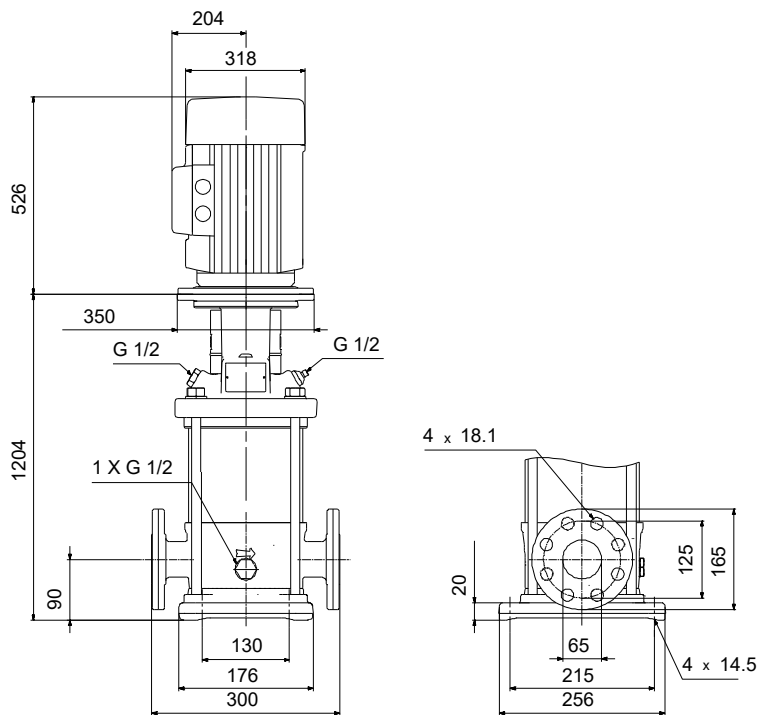
Vertical, multistage centrifugal pump with suction and discharge ports on the same level. The pump head and base are in cast iron - all other wetted parts are in stainless steel (EN 1.4301)

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water	Max pressure at stated temp: 25 bar / 120 °C	Rated power - P2: 18.5 kW
Temperature: 20 °C	Liquid temperature range: 0 .. 120 °C	Rated voltage: 380-415D/660-690Y V
Specific Gravity: 1.000	Maximum ambient temperature: 60 °C	Mains frequency: 50 Hz
	Shaft seal: HQBE	Enclosure class: 55 Dust/Jetting
	Product number: On request	Insulation class: F
		Motor protection: PTC
		Motor type: 160LB
		Eta 1/1: 92.4 %



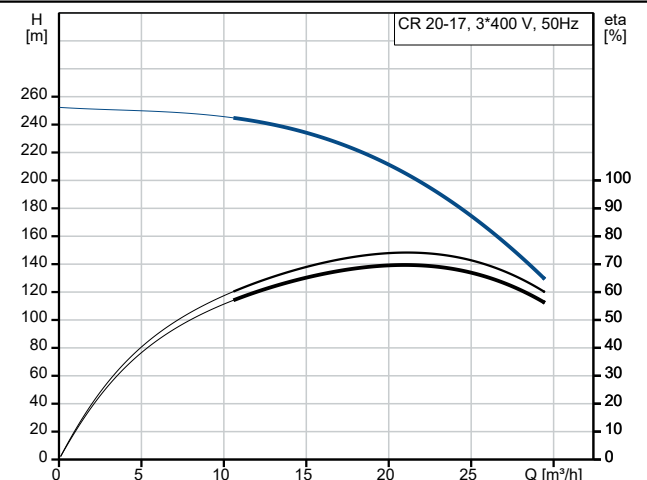
Submittal Data



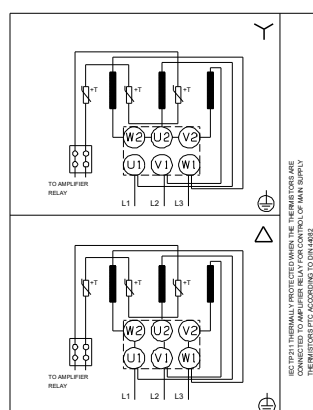
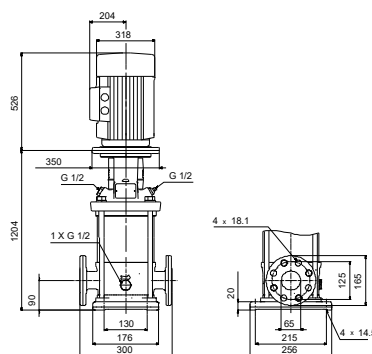
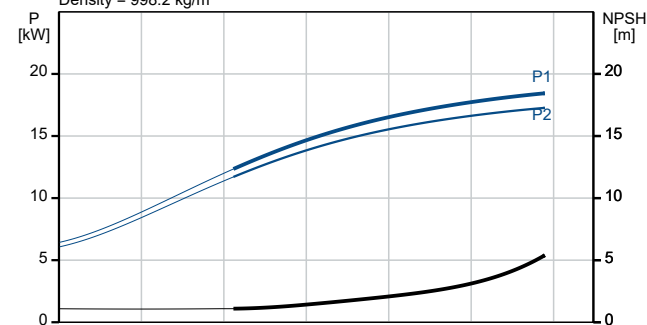
Materials:

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:	E

Description	Value
General information:	
Product name:	CR 20-17 A-F-A-E-HQBE
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2934 rpm
Rated flow:	21 m ³ /h
Rated head:	202.9 m
Maximum head:	252 m
Stages:	17
Impellers:	17
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Primary shaft seal:	HQBE
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:	
Type key, code for materials:	A
Type key, code for rubber components. E = EPDM, V=FKM:	E
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:	E
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 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
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC



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





Company name:

Created by:

Phone:

Date:

11/01/2026

Description	Value
Motor type:	160LB
Rated power - P2:	18.5 kW
Power (P2) required by pump:	18.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	34,5-32,5/20,0-18,8 A
Starting current:	830-980 %
Cos phi - power factor:	0.89-0.85
Rated speed:	2940-2950 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	92.4 %
Motor efficiency at 3/4 load:	93.2-93.0 %
Motor efficiency at 1/2 load:	93.2-92.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17528
Controls:	
Terminal box position:	6
Frequency converter:	None
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	186 kg
Gross weight:	226 kg
Shipping volume:	0.805 m³
Sales region:	United Arab Emirates

