

Submittal Data

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

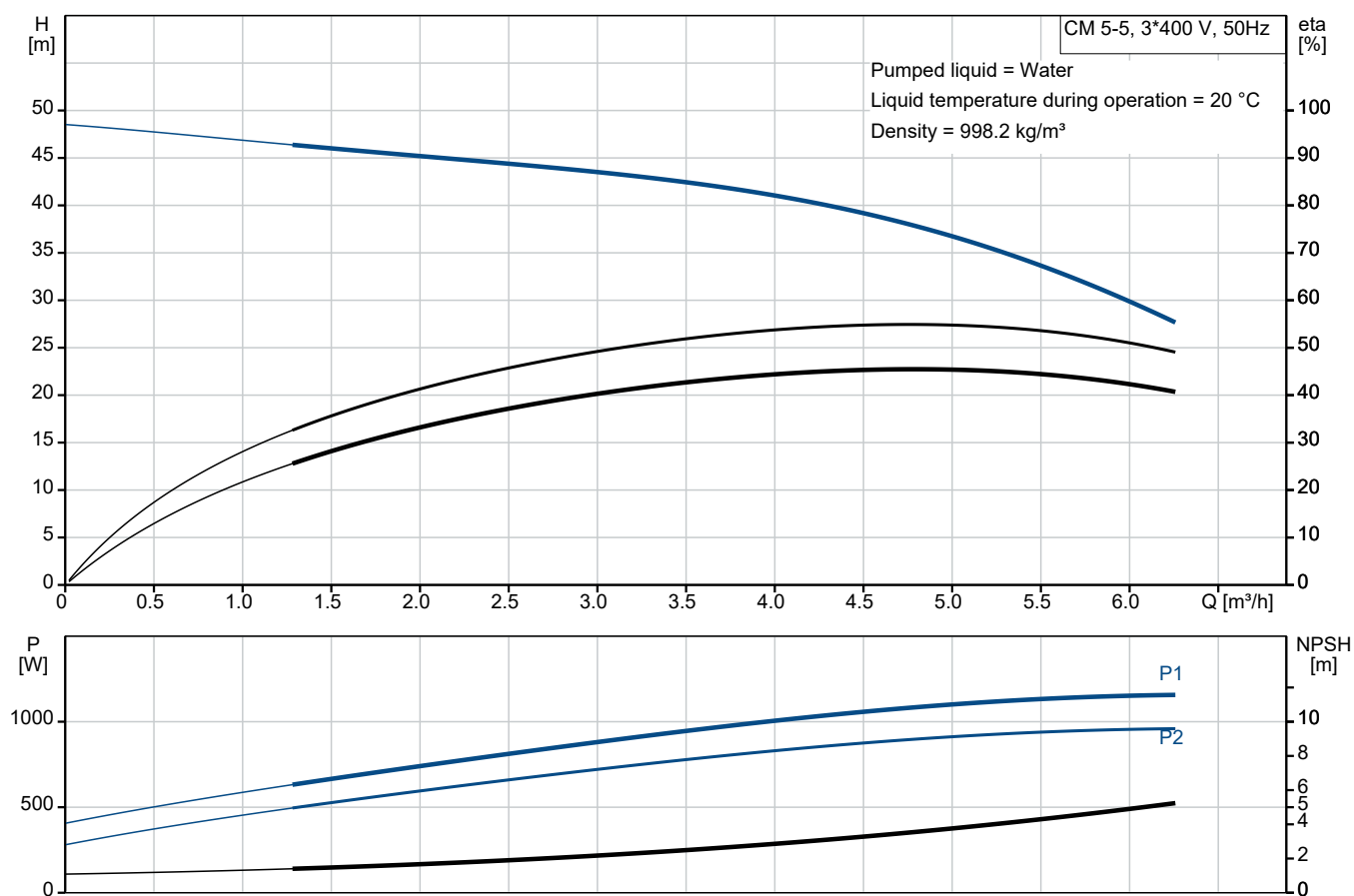
CM 5-5 A-R-A-E-AVBE F-A-A-N



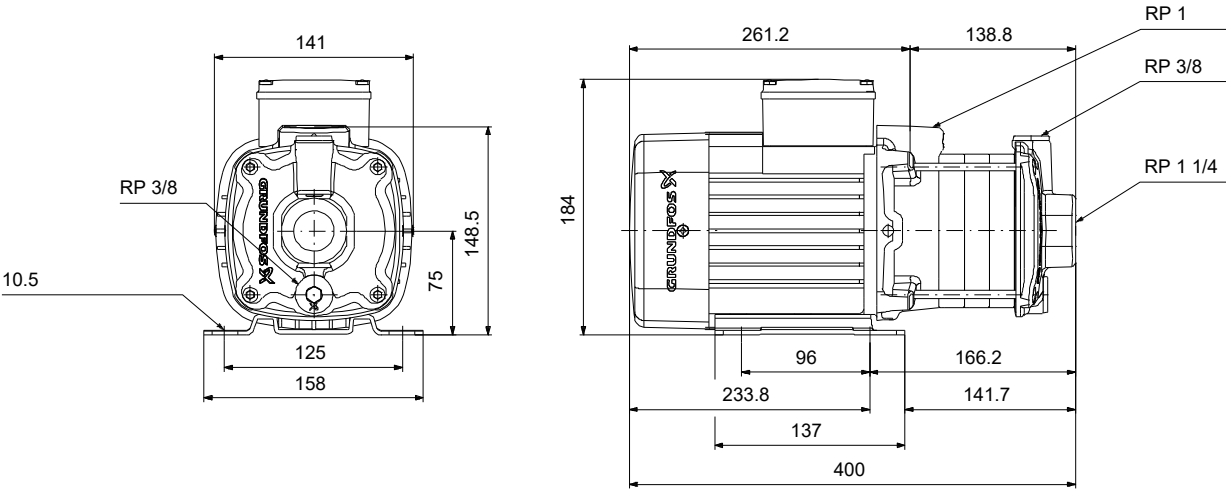
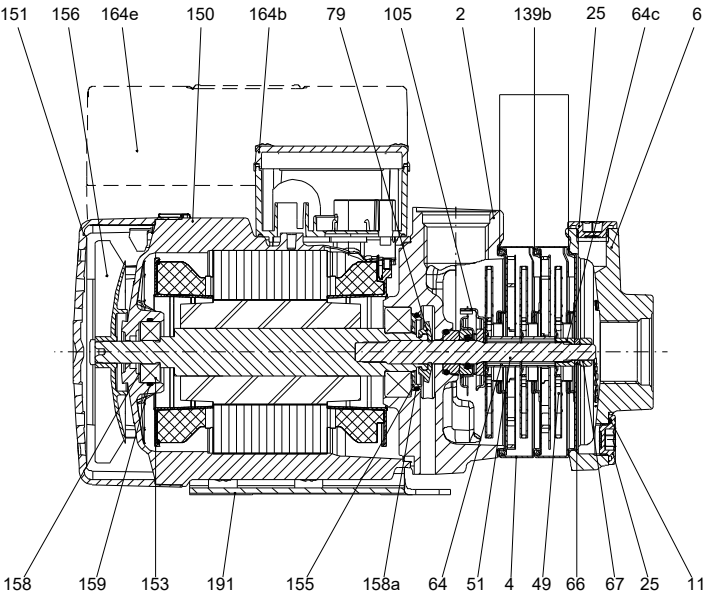
CM is a reliable, quiet and compact horizontal end-suction pump. The modular pump design makes it easy to make customised solutions. CM is available in cast iron and stainless steel.

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Liquid: Water	Max pressure at stated temp: 10 bar / 40 °C	Mains frequency: 50 Hz
Temperature: 20 °C	Liquid temperature range: -20 .. 90 °C	Enclosure class: IP55
Specific Gravity: 1.000	Maximum ambient temperature: 55 °C	
	Shaft seal: AVBE	
	Product number: 96806818	



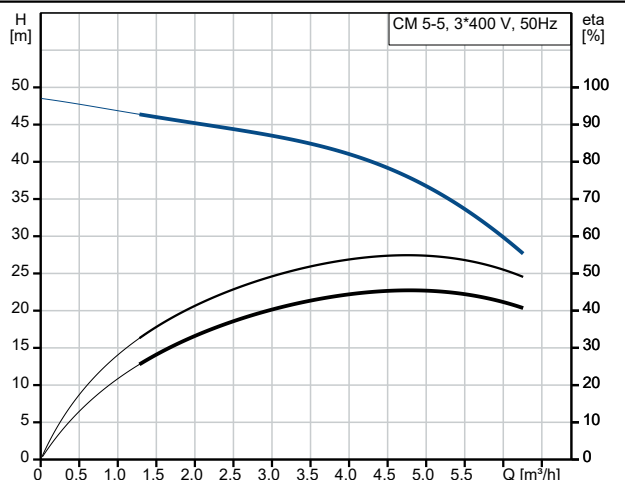
Submittal Data



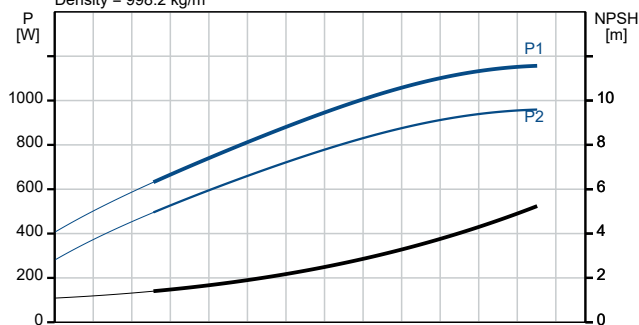
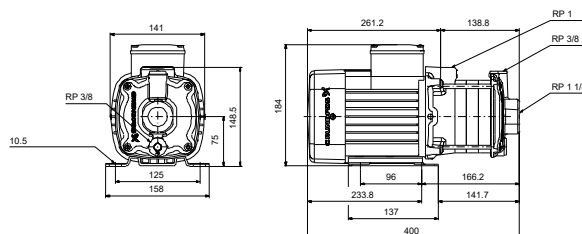
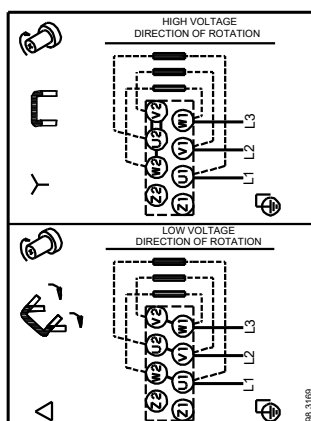
Materials:
 Pump housing: Cast iron
 ASTM A48-25A
 Impeller: Stainless steel
 AISI 304
 EN 1.4301
 Material code: A
 Code for rubber: E

165x100

Description	Value
General information:	
Product name:	CM 5-5 A-R-A-E-AVBE F-A-A-N
Product No:	96806818
EAN number:	5700310917658
Price:	
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	4.7 m³/h
Rated head:	38.61 m
Impellers:	5
Primary shaft seal:	AVBE
Code for shaft seal:	AVBE
Approvals:	EAC
Approvals for drinking water:	ACS, NSF61
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Pump type:	CM
Materials:	
Type key, code for rubber components. E = EPDM, V=FKM:	E
Pump housing:	Cast iron EN-GJL-200 ASTM A48-25A
Impeller:	Stainless steel EN 1.4301 AISI 304
Type key, code for materials:	A
Code for rubber:	E
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 40 °C 6 bar / 90 °C
Type key, code for pipework connection:	R
Type of connection:	Rp
Size of inlet connection:	1 1/4 inch
Size of outlet connection:	1 inch
Terminal box position:	12
Outlet position:	12
Connect code:	R
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Frame size:	80C
IE efficiency class:	IE2
Rated power - P2:	1.2 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz (Yes/No):	N
Rated voltage:	3 x 220-240D/380-415Y V
Service factor:	1.00



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





Company name:

Created by:

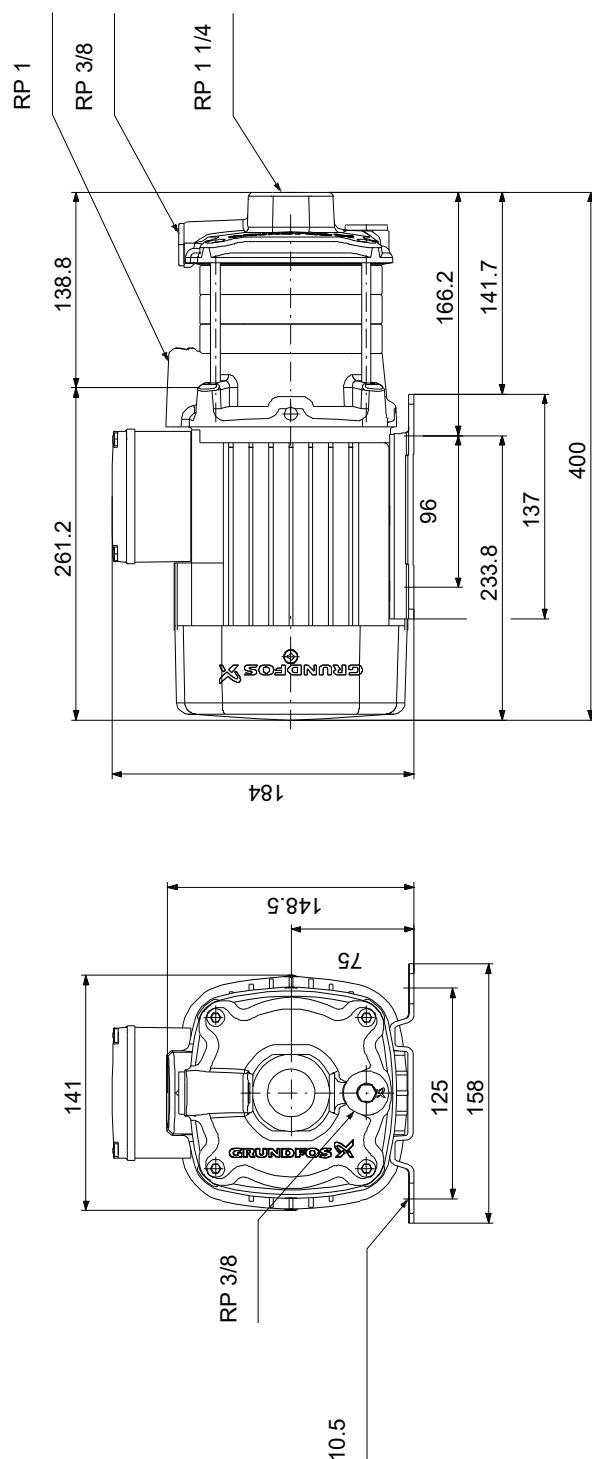
Phone:

Date:

02/10/2026

Description	Value
Rated current:	4,8-5,2/2,8-3 A
Starting current:	770-800 %
Rated speed:	2820-2860 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Cable included (Yes/No):	N
Controls:	
Terminal box position:	12
Frequency converter:	None
Others:	
Minimum efficiency index, MEI $\geq$:	0.7
Net weight:	15.9 kg
Gross weight:	18.4 kg

96806818 CM 5-5 A-R-A-E-AVBE F-A-A-N 50 Hz



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



Company name:

Created by:

Phone:

Date:

02/10/2026