

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

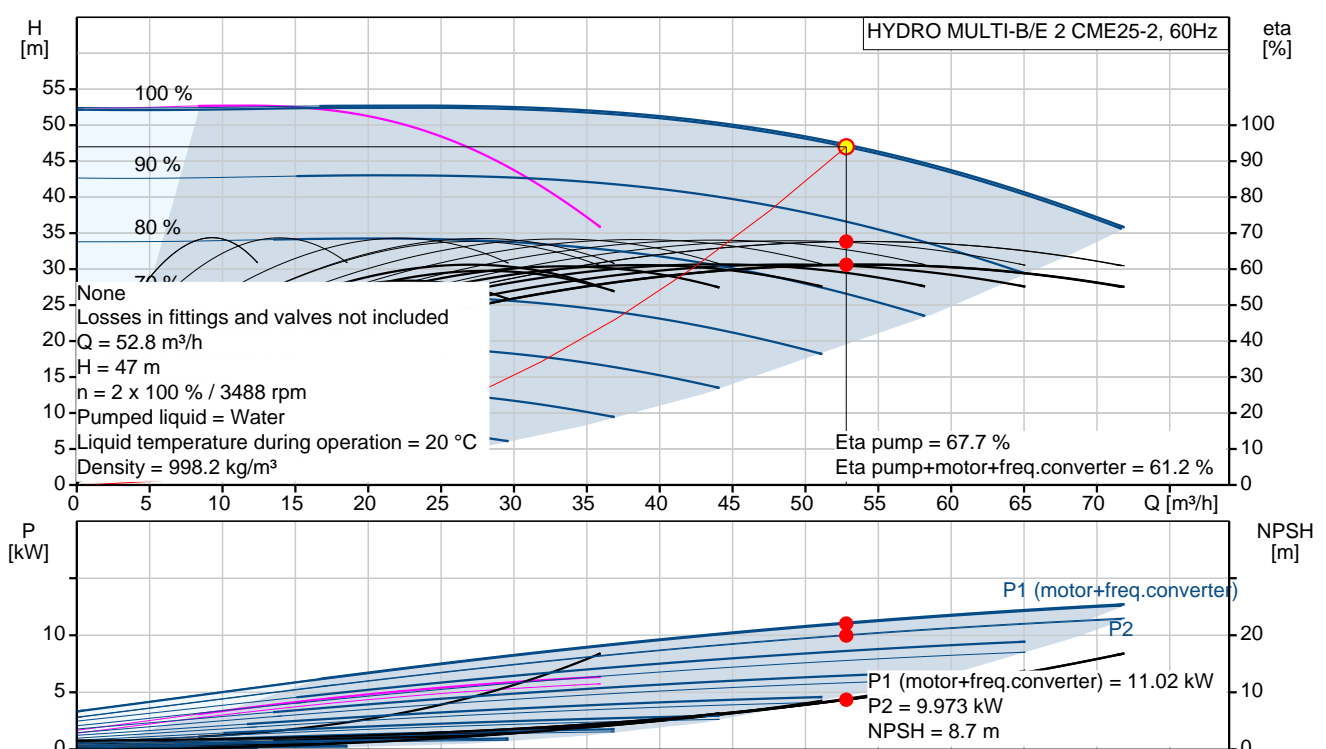


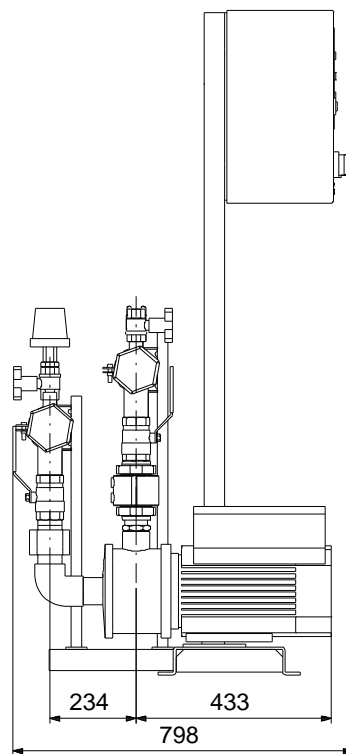
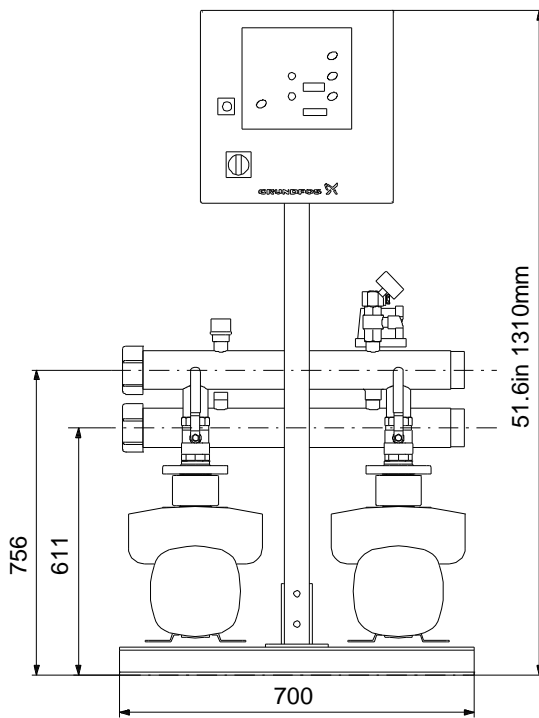
HYDRO MULTI-B/E 2 CME25-2

Booster systems with frequency-controlled pumps

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Flow: 52.8 m³/h	Maximum operating pressure: 10 bar	Rated voltage: 208-230 V
Head: 47 m	Liquid temperature range: 0 .. 60 °C	Mains frequency: 60 Hz
Efficiency: 61.2 %	Pipe connection: 4ANSI	
Liquid: Water	Product number: 99184379	
Temperature: 20 °C		
NPSH required: 8.7 m		
Viscosity: _____		
Specific Gravity: 1.000		





Materials:

Pump: EN-GJL-200

Manifolds: EN/DIN 1.4571/ AISI 316 TI

Qty. Description

1 HYDRO MULTI-B/E 2 CME25-2



Note! Product picture may differ from actual product

Product No.: [99184379](#)

Pressure booster system designed and manufactured by Grundfos.

Delivered on a common base plate, completely assembled and tested before it leaves the factory and ready for connection of water and electricity.

All pumps are Grundfos CME pumps with integrated frequency drives connected in parallel and operated in cascade.

The booster maintains a constant pressure through continuous adjustment of speed of the pumps and starting and stopping the pumps to meet the required flow.

The system consists of:

- 2 horizontal multistage pumps with integrated frequency converter, type CME25-2
- A suction and a discharge manifold in EN/DIN 1.4571/ AISI 316 TI
- One non-return valve per pump placed on the discharge side as standard.
- Two isolating valves and a clamp ring per pump for easy service and inspection of the pumps.
- Pressure sensor and gauge.
- CU323 Pump controller for controlling parallel coupled pumps in cascade.

Functions and features of the CU323 Pump controller:

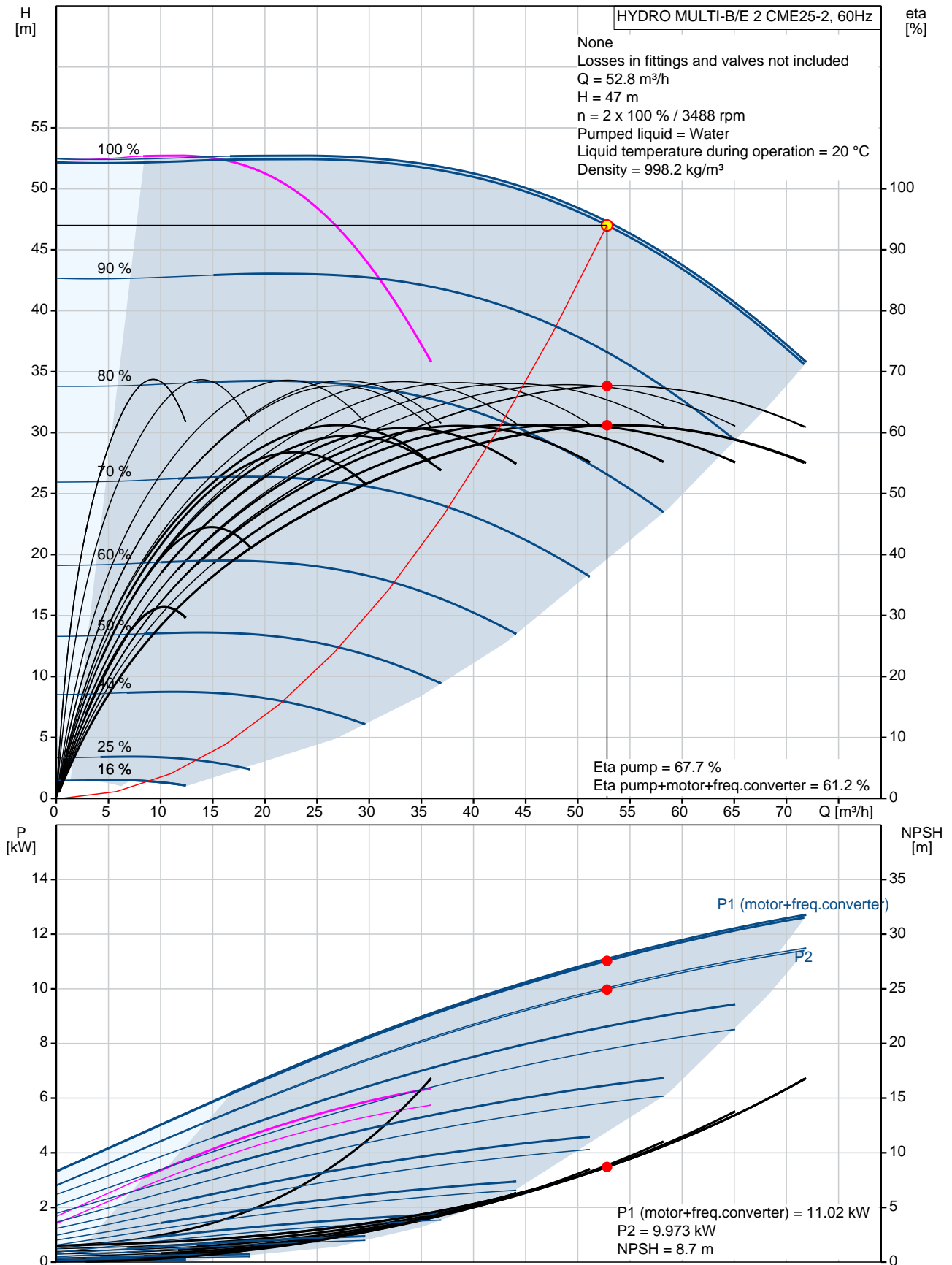
- Constant pressure control
- Automatic cascade control
- Automatic alternation between pumps
- Stop function
- High Pressure Protection
- Sensor Fault Protection
- Motor Protection
- Standby pumps
- Automatic Display Lock
- External Start / Stop (potential free contacts)
- Easy to use HMI with 2 displays for set-point and process value
- 2 digital outputs,
- Auto / manual control of pumps
- Optional bus communication
- Optional Safe Tank filling sequence
- Optional monitoring of inlet pressure by means of inlet sensor

Available communication protocols:

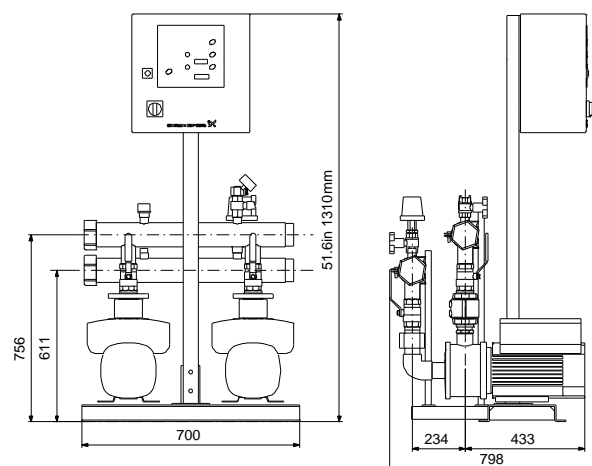
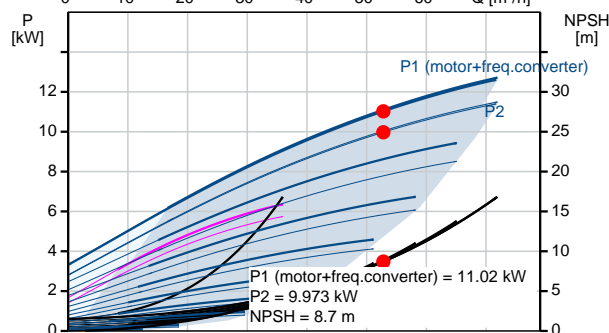
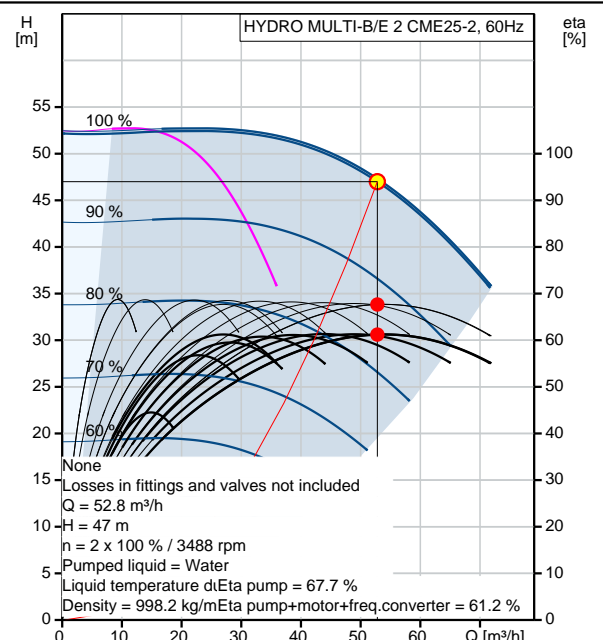
- LON
- BACnet
- BACnet IP

Qty.	Description								
	<ul style="list-style-type: none"> •Modbus TCP •Modbus RTU •GSM •GRM <p>Technical data:</p> <table> <tr> <td>Rated Flow:</td><td>52.8 m³/h</td></tr> <tr> <td>Rated Head:</td><td>47 m</td></tr> <tr> <td>Liquid temperature:</td><td>0 – 60 °C</td></tr> <tr> <td>Max Pressure</td><td>: 10 bar</td></tr> </table> <p>Pump Material: EN-GJL-200 Shaft Seal: AQQE (SiC/SiC/EPDM)</p> <p>Mains Supply: 208-230 V</p> <p>Starting Method CME pump: electronically Power of CME pump: 5.6 kW</p> <p>Size of manifold connection: 4ANSI Net Weight: 229 kg Gross Weight: 330 kg</p>	Rated Flow:	52.8 m³/h	Rated Head:	47 m	Liquid temperature:	0 – 60 °C	Max Pressure	: 10 bar
Rated Flow:	52.8 m³/h								
Rated Head:	47 m								
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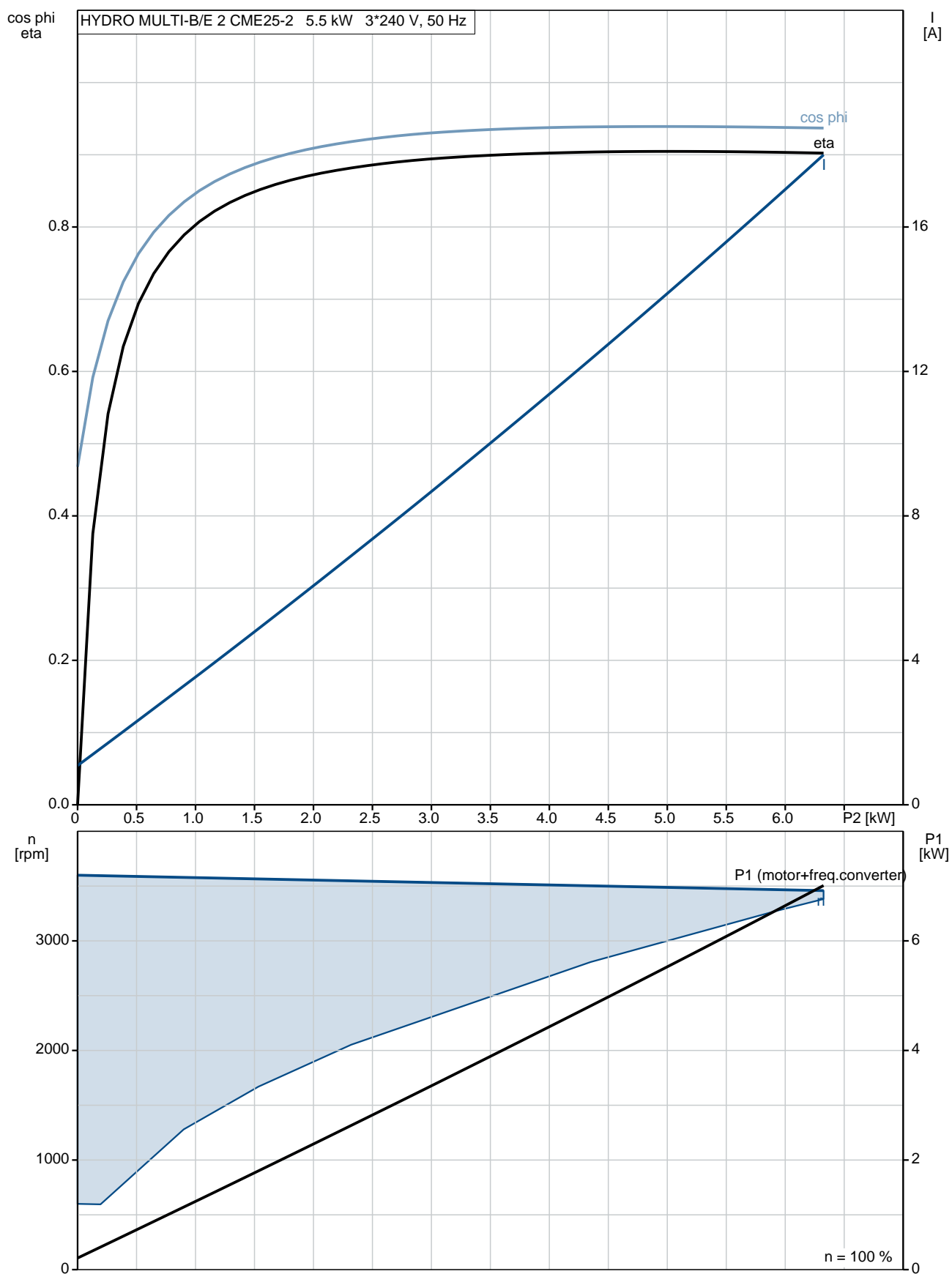
99184379 HYDRO MULTI-B/E 2 CME25-2 60 Hz



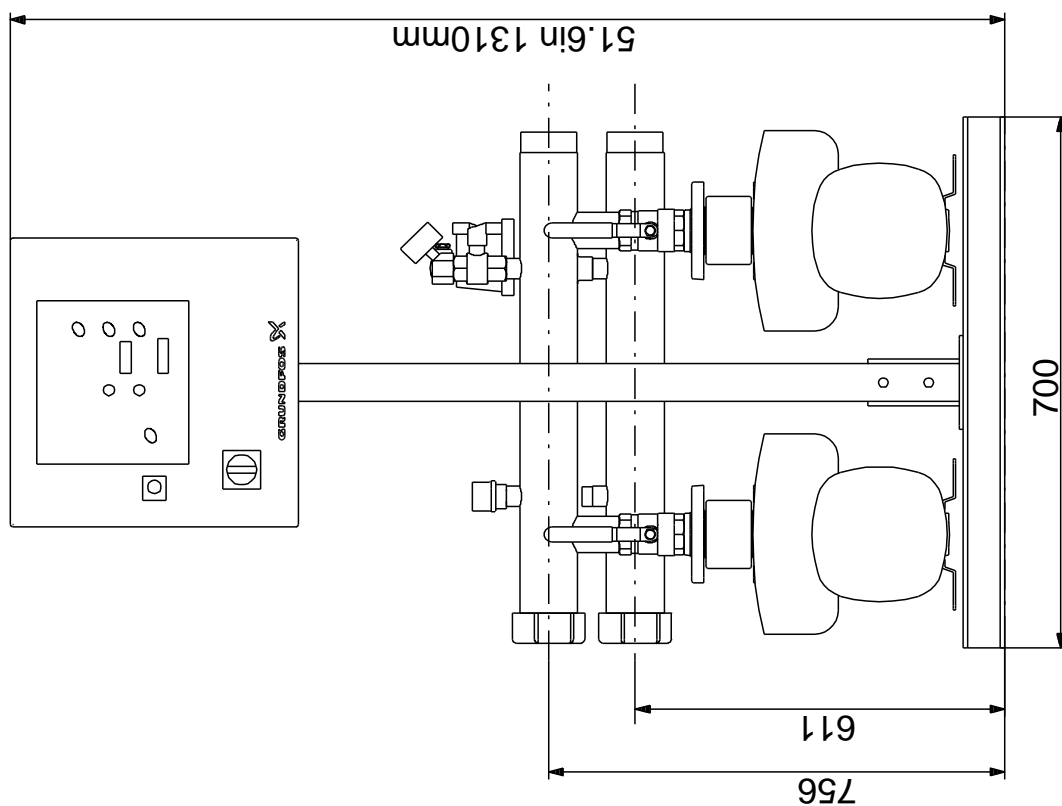
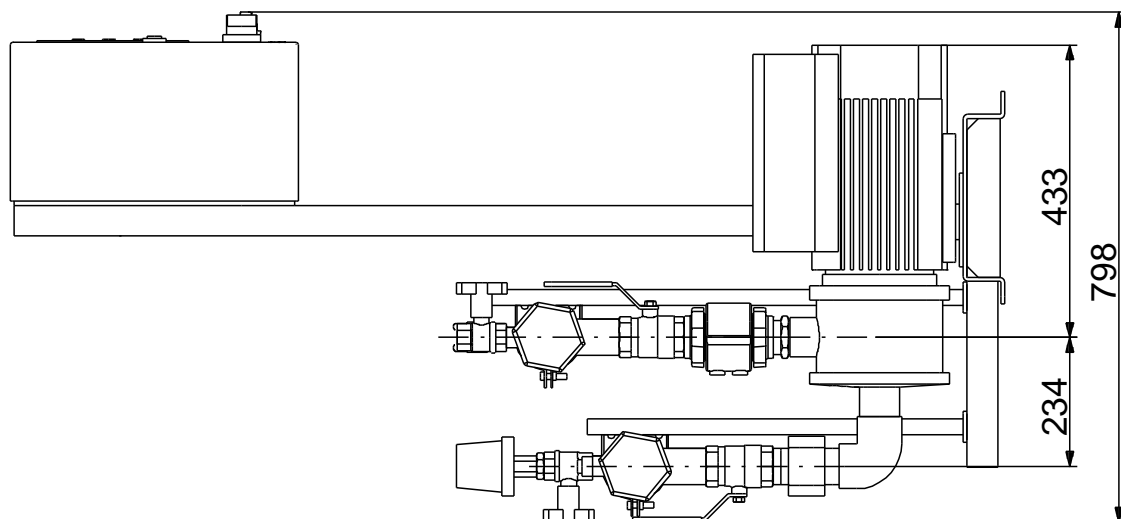
Description	Value
General information:	
Product name:	HYDRO MULTI-B/E 2 CME25-2
Product No:	99184379
EAN number:	5712608283321
Technical:	
Actual calculated flow:	52.8 m³/h
Min flow system:	6 m³/h
Resulting head of the pump:	47 m
Head max:	49.9 m
Main pump name:	CME25-2
Main pump No:	99438884
Number of pumps:	2
Model:	A
Materials:	
Pump:	EN-GJL-200
Manifolds:	EN/DIN 1.4571/ AISI 316 TI
Installation:	
Maximum operating pressure:	10 bar
Pipe connection:	4ANSI
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 60 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m³
Electrical data:	
Power (P2) main pump:	5.6 kW
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 V
Starting main:	electronically
Rated current of system:	39.4 A
Controls:	
Control type:	E
Operation unit:	CU323-2
Tank:	
Diaphragm tank:	No
Others:	
Net weight:	229 kg
Gross weight:	330 kg
Product range:	Namreg



99184379 HYDRO MULTI-B/E 2 CME25-2 60 Hz



99184379 HYDRO MULTI-B/E 2 CME25-2 60 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:

03/05/2019

Order Data:

Product name: HYDRO MULTI-B/E 2 CME25-2

Amount: 1

Product No: 99184379

Total: Price on request
