

Qty. Description1 **CMBE 1-44 I-U-C-C-D-A**

Product No.: On request

The Grundfos CME Booster is a compact booster system for water supply in domestic applications. The integrated speed controller enables the CME Booster to keep constant pressure in the pipe system. A pressure sensor monitoring changes in the water consumption will signal to the speed controller to change the motor speed to adapt performance to the new state.

The CME Booster is very easy to install. When the pipework has been installed, it is all a matter of plugging the unit into a socket, and the system is operational.

The CME Booster consists of:

- CME pump with integrated frequency converter
- 5-way valve
- expansion tank
- pressure gauge

Features

- Constant pressure, integrated speed control
- compact
- robust, stainless steel
- easy installation
- dry run protection

Thermal protection

CME Booster pumps require no external motor protection.

The MGE motor incorporates thermal protection against slow overloading and blocking (IEC 34.11: TP 211).

Applications

Grundfos CMBE Booster is mainly used for domestic and light commercial water supply or booster systems.

NB:

Suction lift: Max. 1 m, including suction-pipepressure loss at a liquid temperature of +20 °C. (not self-priming)

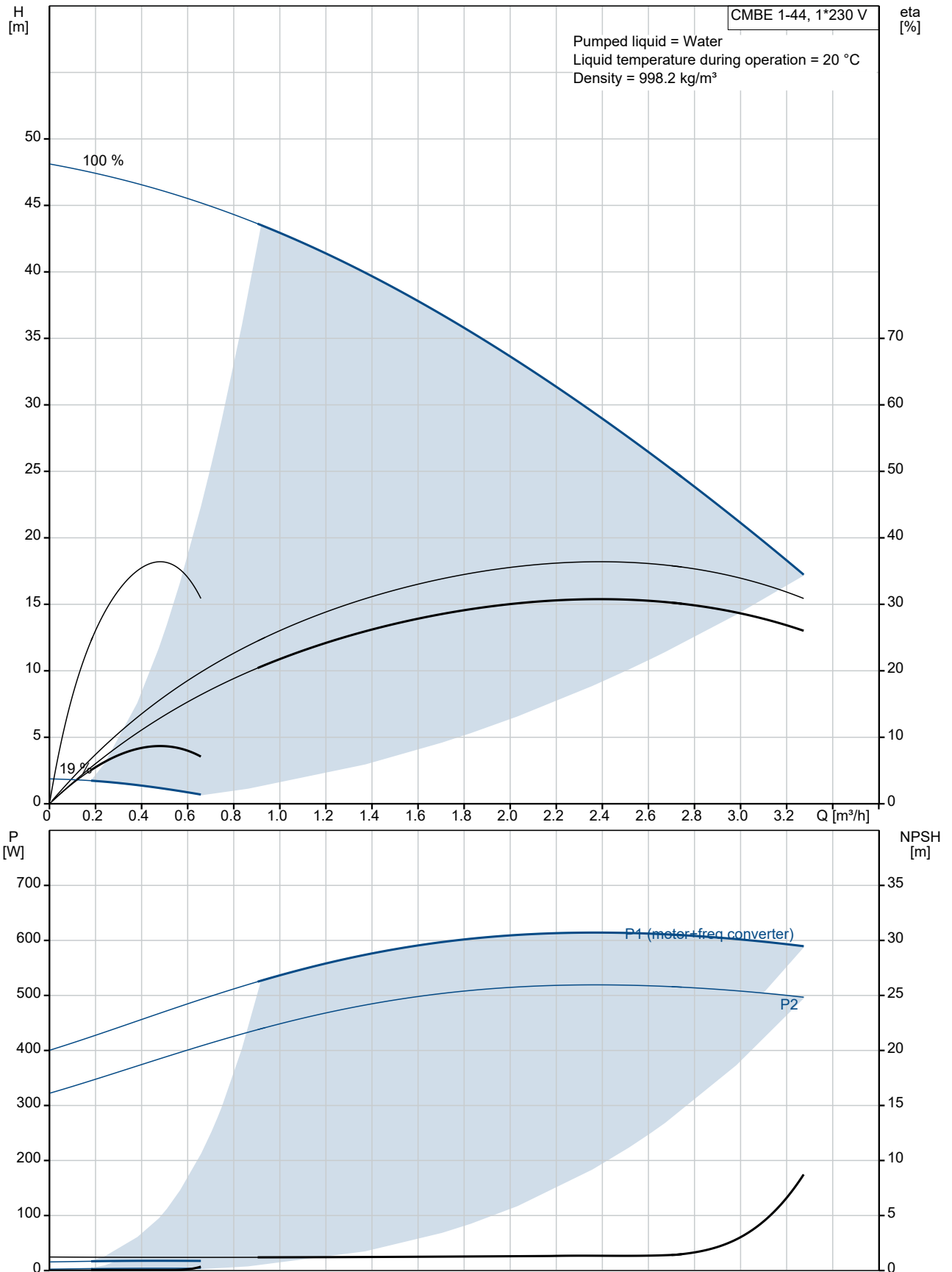
Liquid:

Pumped liquid: Water
Liquid temperature range: 0 .. 60 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 3776 rpm
Rated flow: 2.4 m³/h
Rated head: 28.7 m

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Description	Value
General information:	
Product name:	CMBE 1-44 I-U-C-C-D-A
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	3776 rpm
Rated flow:	2.4 m³/h
Rated head:	28.7 m
Impellers:	3
Primary shaft seal:	AVBE
Approvals and markings:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	A
Return valve:	YES
Start pressure:	Integrated Frequency converter
Materials:	
Pump housing:	Stainless steel
Pump housing:	DIN W.-Nr. 1.4301
Pump housing:	AISI 304
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
Rubber:	EPDM
Installation:	
t max amb:	55 °C
Flange standard:	WHITWORTH THREAD RP
Pump inlet:	Rp 1
Pump outlet:	Rp 1
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Rated power - P2:	0.55 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	3.45-2.90 A
p max system:	10 bar
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Type of cable plug:	SCHUKO
Mains cable:	1.5 m
Tank:	
Tank volume:	2 l
Others:	
Net weight:	16 kg
Gross weight:	26.1 kg
Config. file no:	98390431
Danish VVS No.:	385185144
Finnish LVI No.:	4925859
Norwegian NRF no.:	9040034
Country of origin:	HU
Custom tariff no.:	84137075

