

**Qty. Description**1 **CMBE 3-62 I-U-C-D-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:**

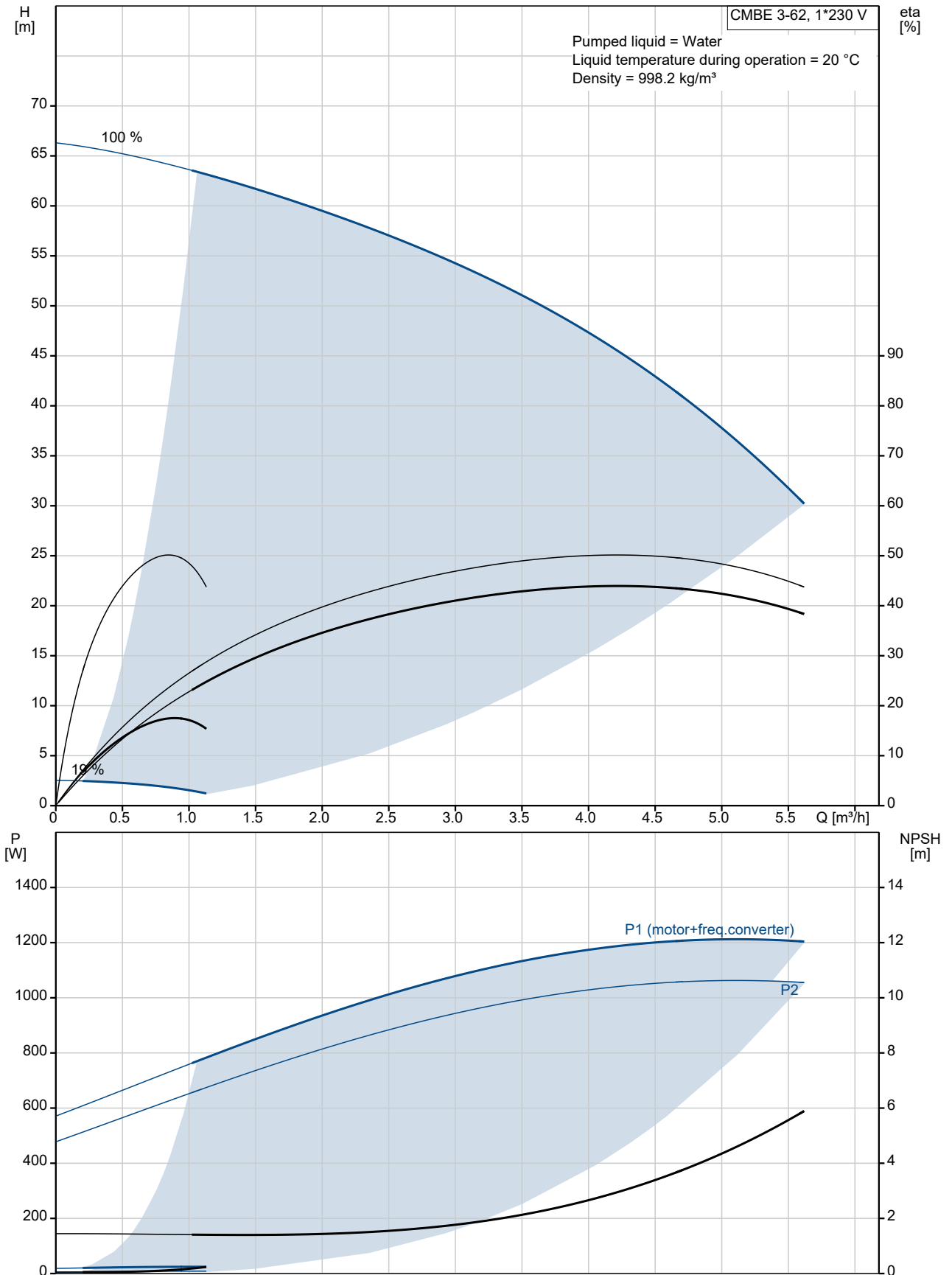
Pumped liquid: Water  
Liquid temperature range: 0 .. 60 °C  
Selected liquid temperature: 20 °C  
Density: 998.2 kg/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 3780 rpm  
Rated flow: 4.2 m<sup>3</sup>/h  
Rated head: 45.2 m



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Description	Value
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**General information:**

Product name: CMBE 3-62 I-U-C-D-D-A  
 Product No: On request  
 EAN number: On request

**Technical:**

Pump speed on which pump data are based: 3780 rpm  
 Rated flow: 4.2 m³/h  
 Rated head: 45.2 m  
 Impellers: 4  
 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: 1.1 kW  
 Mains frequency: 50 / 60 Hz  
 Rated voltage: 1 x 200-240 V  
 Maximum current consumption: 6.70-5.60 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: NONE  
 Mains cable: 1.5 m

**Tank:**

Tank volume: 2 l

**Others:**

Net weight: 16.9 kg  
 Gross weight: 27 kg  
 Sales region: Apreg  
 Config. file no: 98390434  
 Country of origin: HU  
 Custom tariff no.: 84137075

