

Count	Description
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1	CMBE 1-44 I-X-C-B-D-E
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Product No.: [98810910](#)

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
- manometer

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).

Liquid:

Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft ³

Technical:

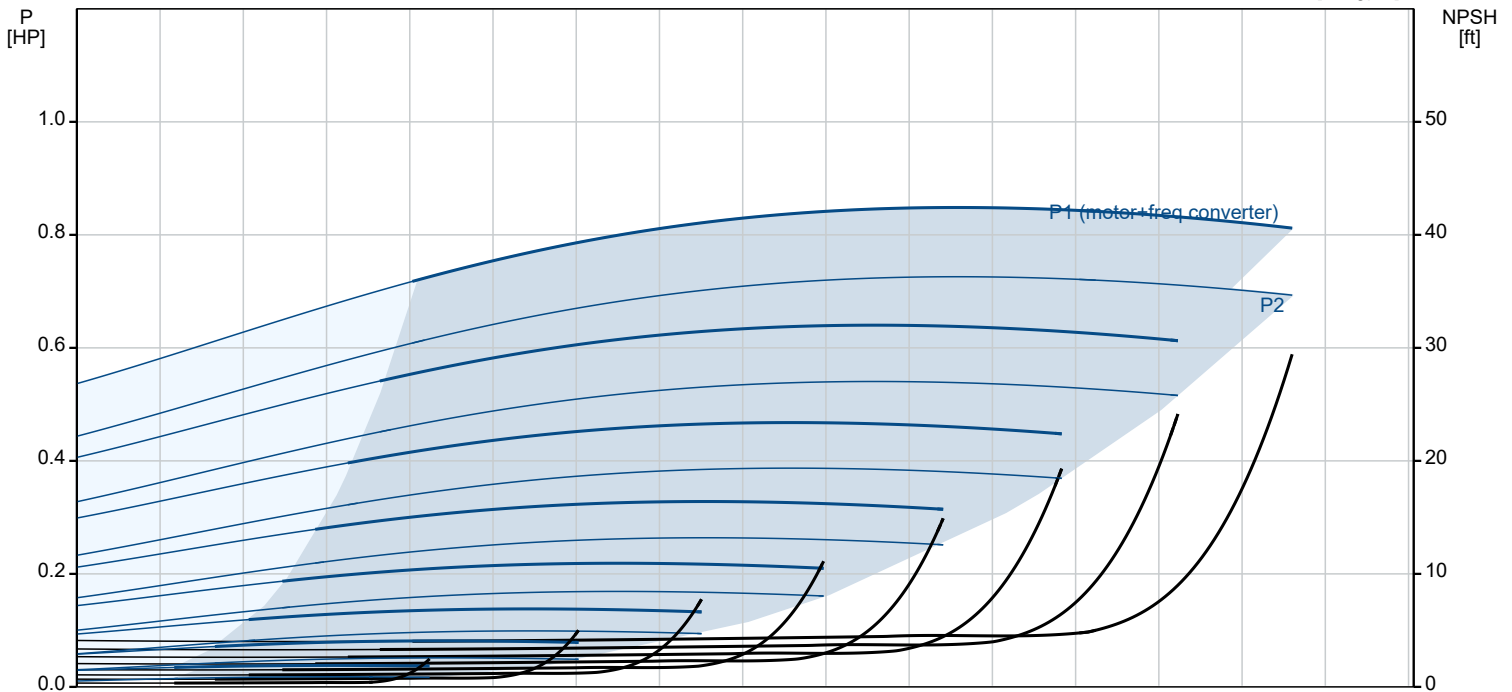
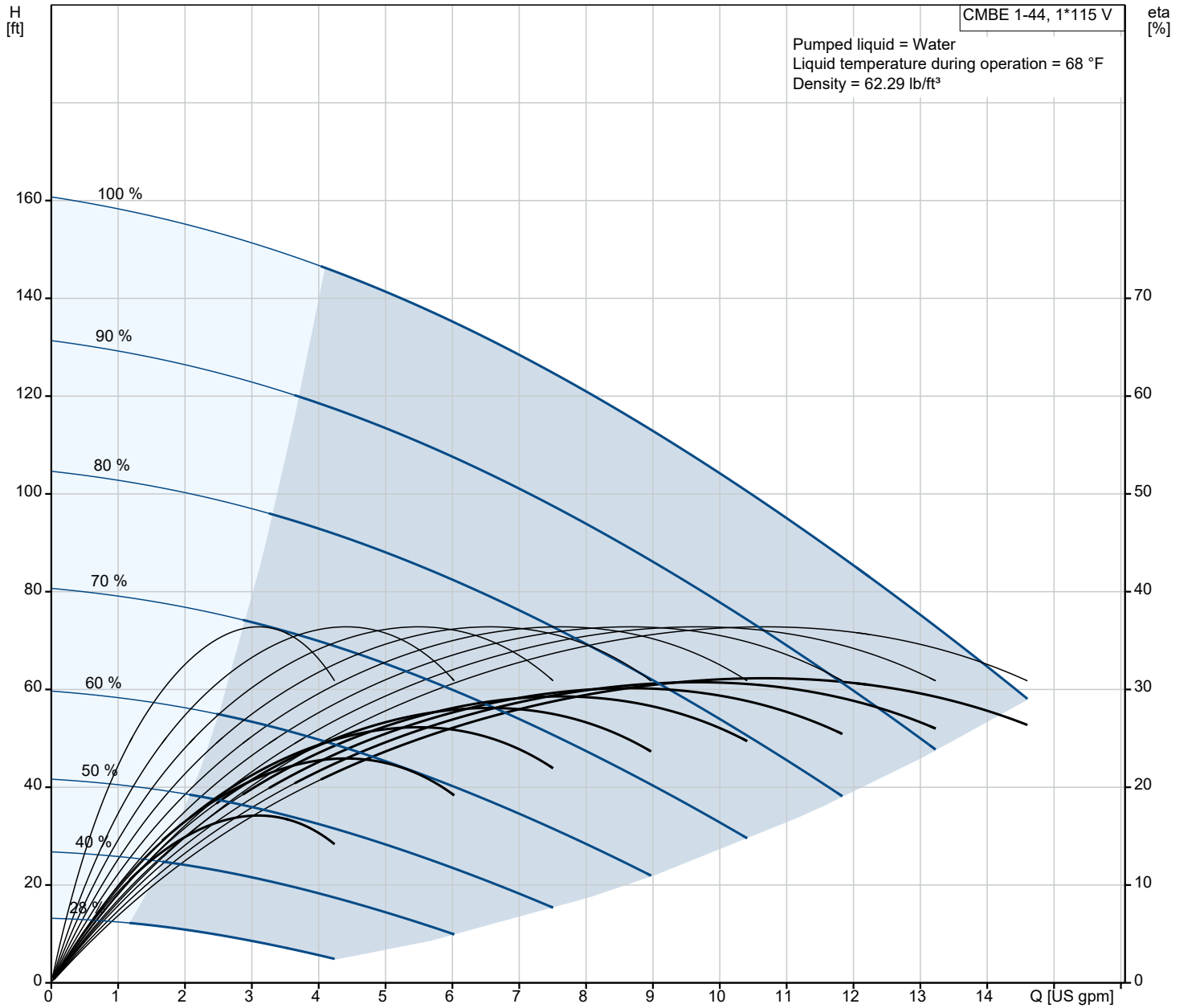
Pump speed on which pump data is based:	3780 rpm
Rated flow:	10.6 US gpm
Rated head:	97.77 ft
Primary shaft seal:	AQQE
Approvals and markings:	CE,CULUS
Curve tolerance:	ISO9906:2012 3B
Return valve:	YES
Start pressure:	Integrated Frequency converter

Materials:

Pump housing:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Impeller:	Stainless steel DIN W.-Nr. 1.4301

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	<p>Rubber: AISI 304 EPDM</p> <p>Installation: t max amb: 131 °F Flange standard: INTERNAL NPT THREAD Pump inlet: NPT 1 Pump outlet: NPT 1</p> <p>Electrical data: Rated power - P2: 1.01 HP Main frequency: 50 / 60 Hz Rated voltage: 1 x 115 V Maximum current consumption: 8 A Rated speed: 360-4000 rpm Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Type of cable plug: US 5-15 Mains cable: 4.92 ft</p> <p>Tank: Tank volume: 0.528 gal</p> <p>Others: Net weight: 40.8 lb Gross weight: 61.9 lb Country of origin: US Custom tariff no.: 8413.70.2040</p>

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