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1	CMBE TWIN 10-54 I-U-C-B-D-H
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Product photo could vary from the actual product

Product No.: [99503875](#)

The Grundfos CMBE TWIN Booster is a compact two-booster system for water supply in domestic and commercial applications. The integrated speed controller allows the CMBE Booster to maintain constant pressure in the pipe system. A pressure sensor monitoring changes in the water consumption will signal the speed controller to change the motor speed. This way performance is adjusted according to the new state, thus running in cascade multi pump. The cascade control ensures that the performance of the CMBE Booster is automatically adapted to consumption by switching pumps on or off and by changing the speed of the pumps in operation. The system thus runs as energy-efficiently as possible with a limited number of pumps. The CMBE-TWIN Booster is very easy to install. It has UL approval.

The CME Booster consists of
2 units of CMBE Booster which each include

- 5-way valve
- expansion tank
- pressure gauge
- Pressure sensor

Features

- Cascade multi pump operation
- Automatic pump alternation
- Constant pressure control
- Pipe filling
- Compact design
- Robust, stainless steel
- Easy installation (Plug & Pump)
- Dry run protection

Applications

- Apartment buildings
- Schools
- Small hotels
- Office buildings
- Agriculture

Thermal protection CME Booster pumps require no external motor protection. The MGE motor incorporates thermal protection against slow overloading and blocking (IEC 34.11: TP211).

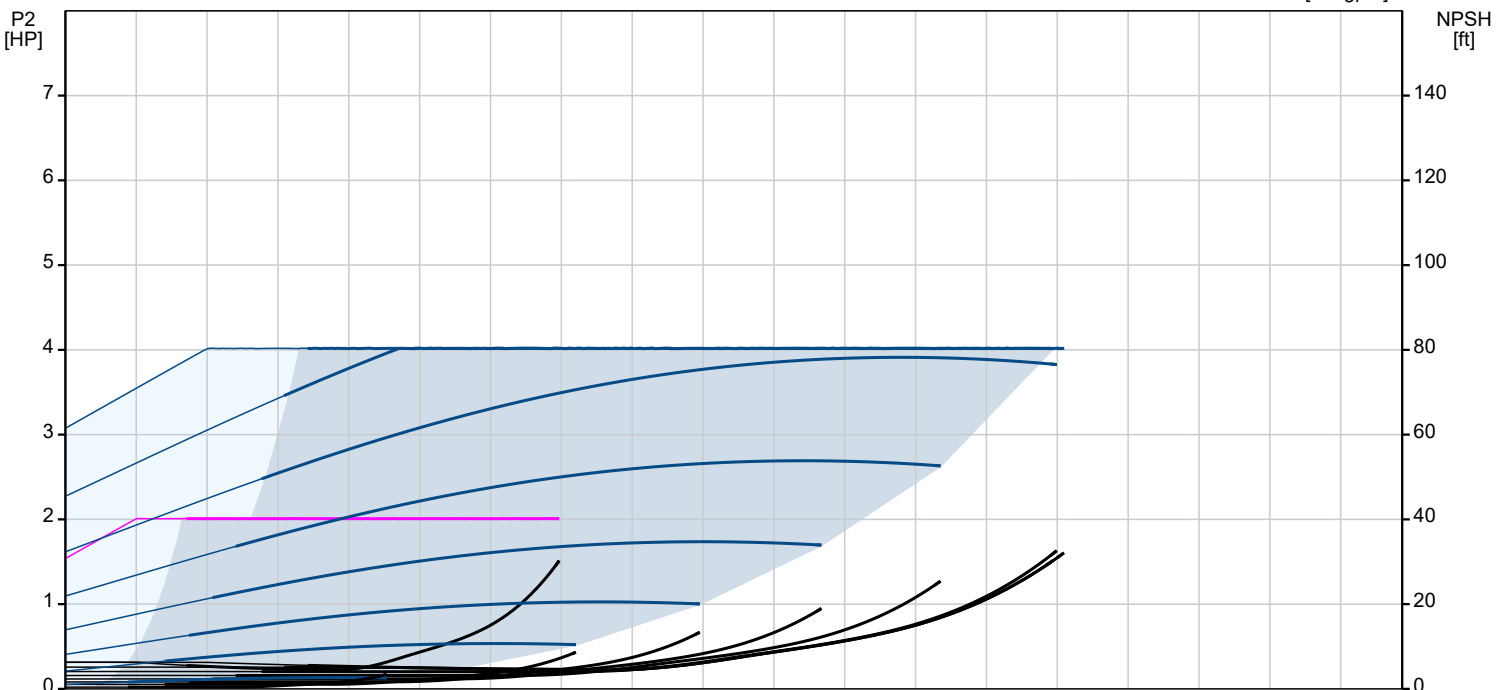
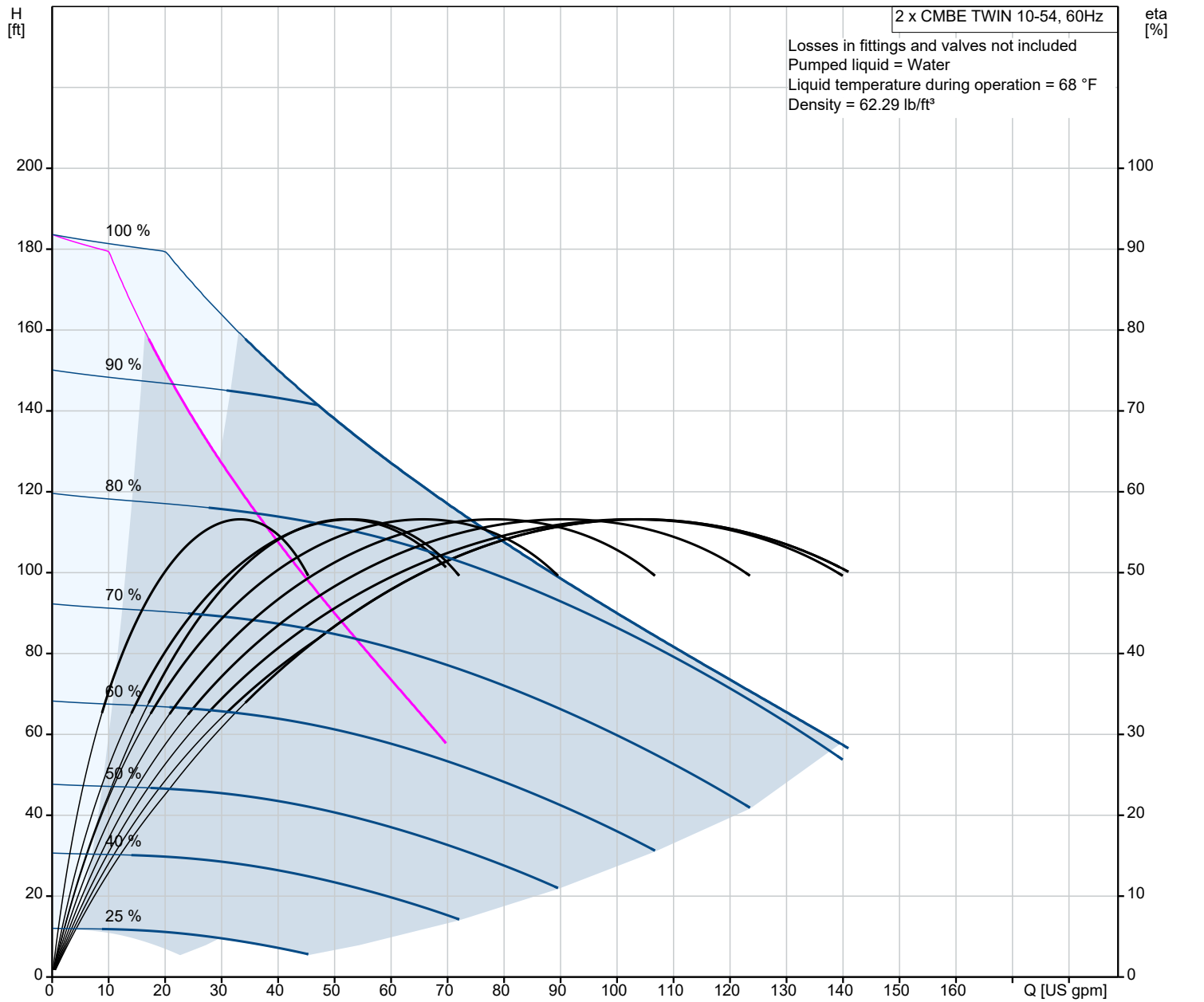
NB:
Suction lift: Max. 1 m, including suction-pipepressure loss at a liquid temperature of +20 °C. (not self-priming)

Liquid:
Pumped liquid: Water
Liquid temperature range: 32 .. 140 °F
Selected liquid temperature: 68 °F
Density: 62.29 lb/ft³

Technical:
Pump speed on which pump data is based: 3868 rpm
Rated flow: 108 US gpm
Rated head: 82.35 ft

Count	Description
	Primary shaft seal: AQQE
	Approvals and markings: CULUS
	Curve tolerance: ISO9906:2012 3B
	Start pressure: Integrated Frequency converter
	Main pump type: CMBE 10-54
	Main pump product number: 99503806
	Materials:
	Pump housing: Stainless steel EN 1.4301 AISI 304
	Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304
	Rubber: EPDM
	Installation:
	t max amb: 104 °F
	Flange standard: INTERNAL NPT THREAD
	Pump inlet: NPT 2
	Pump outlet: NPT2
	Electrical data:
	Rated power - P2: 2 HP
	Main frequency: 60 Hz
	Rated voltage: 1 x 200-240 V
	Enclosure class (IEC 34-5): IP55
	Insulation class (IEC 85): F
	Type of cable plug: FUSE
	Mains cable: 4.92 ft
	Tank:
	Tank volume: 1.057 gal
	Others:
	Net weight: 267 lb
	Gross weight: 289 lb

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