

Count	Description
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1 **CMBE 10-54 I-U-C-E-D-G**



Product No.: [98548118](#)

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/ft³

#### Technical:

Pump speed on which pump data is based: 3868 rpm  
Rated flow: 54.2 US gpm  
Rated head: 82.35 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

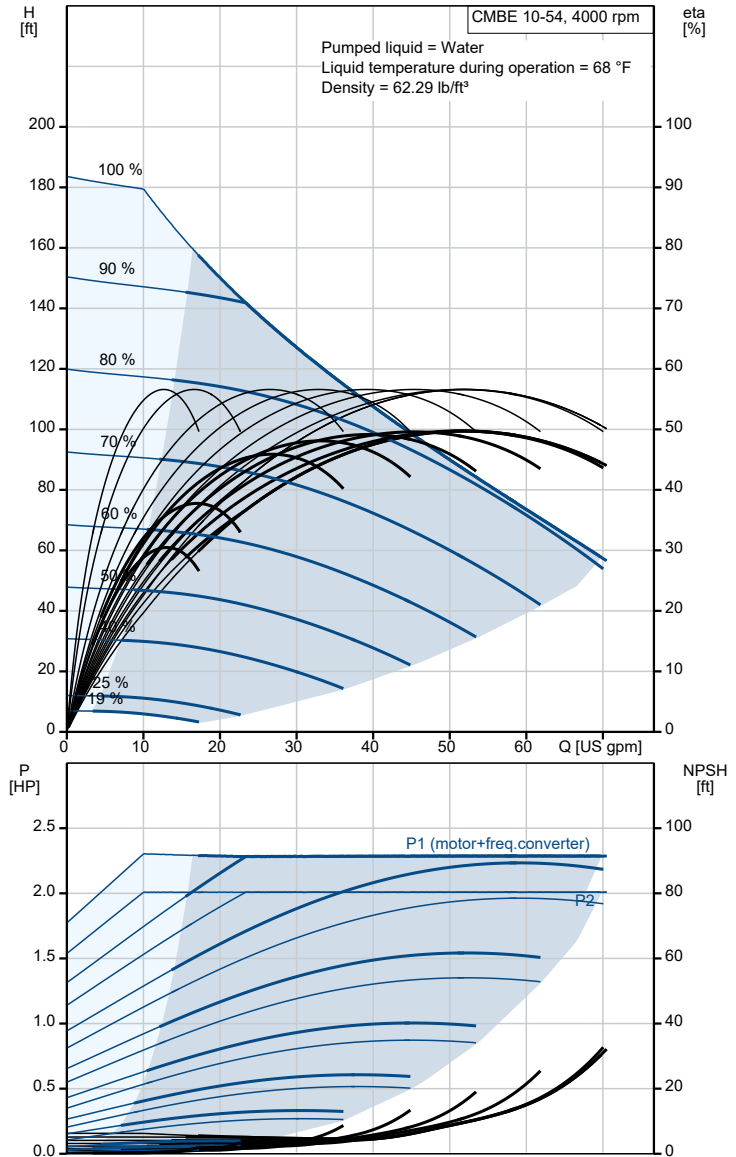


Company name:  
Created by:  
Phone:

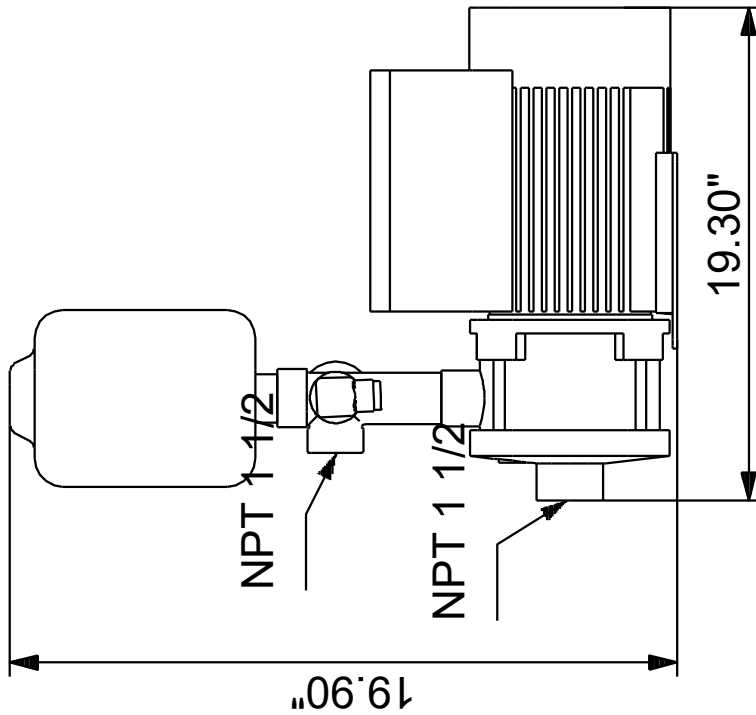
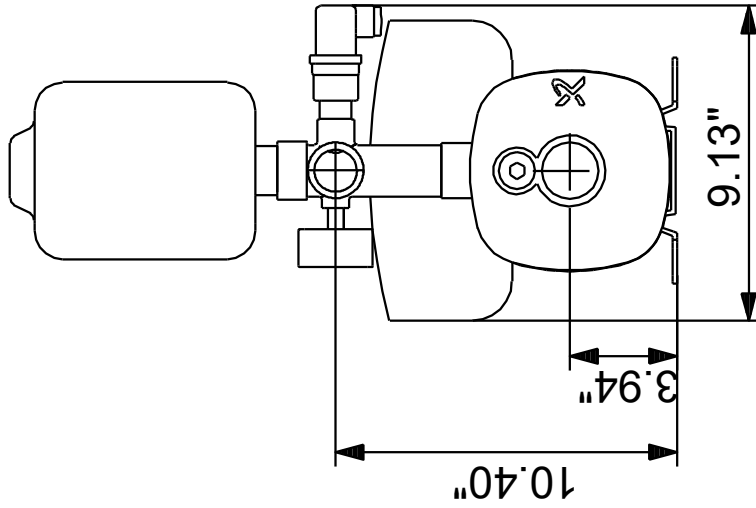
Date: 4/14/2022

Count	Description
	DIN W.-Nr. 1.4301
	AISI 304
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Rubber:	EPDM
Installation:	
t max amb:	131 °F
Flange standard:	INTERNAL NPT THREAD
Pump inlet:	NPT 1 1/2
Pump outlet:	NPT 1 1/2
Electrical data:	
Rated power - P2:	2 HP
Main frequency:	50 / 60 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	9.10-7.60 A
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Type of cable plug:	NONE
Mains cable:	NO CABLE m
Tank:	
Tank volume:	0.528 gal
Others:	
Net weight:	53 lb
Gross weight:	75 lb
Country of origin:	US
Custom tariff no.:	8413.70.2040

Description	Value
<b>General information:</b>	
Product name:	CMBE 10-54 I-U-C-E-D-G
Product No.:	98548118
EAN:	5711496977558
<b>Technical:</b>	
Pump speed on which pump data is based:	3868 rpm
Rated flow:	54.2 US gpm
Rated head:	82.35 ft
Impellers:	2
Primary shaft seal:	AQQE
Approvals and markings:	CE,CULUS
Curve tolerance:	ISO9906:2012 3B
Model:	A
Return valve:	YES
Start pressure:	Integrated Frequency converter
<b>Materials:</b>	
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
<b>Installation:</b>	
t max amb:	131 °F
Flange standard:	INTERNAL NPT THREAD
Pump inlet:	NPT 1 1/2
Pump outlet:	NPT 1 1/2
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Rated power - P2:	2 HP
Main frequency:	50 / 60 Hz
Rated voltage:	1 x 200-240 V
Maximum current consumption:	9.10-7.60 A
p max system:	145.04 psi
Rated speed:	360-4000 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Type of cable plug:	NONE
Mains cable:	NO CABLE m
<b>Tank:</b>	
Tank volume:	0.528 gal
<b>Others:</b>	
Net weight:	53 lb
Gross weight:	75 lb
Sales region:	Namreg
Config. file no.:	98442578
Country of origin:	US
Custom tariff no.:	8413.70.2040



## 98548118 CMBE 10-54 I-U-C-E-D-G





Company name:  
Created by:  
Phone:

Date: 4/14/2022

**Service parts CMBE 10-54, Prod number 98548118**  
**Produced After 1045 (production year and week number)**

Pos	Description	Annotation	Classification Data	Part no.	Qty.	Unit
-	Kit, Manometer			98906915	1	pcs
2	Pressure gauge				1	
-	Kit, non-return valve			98906917	1	pcs
4a	Gate valve			98844139	1	
4e	Washer				1	
4c	O-ring				1	
4b	Compression spring				1	
-	Kit, sensor			98906905	1	pcs
3a	Pressure transmitter				1	
-	Kit, tank			98906909	1	pcs
1	Tank				1	
-	Kit, Manometer			98906915	1	pcs
2	Pressure gauge				1	
-	Kit, tank			98906909	1	pcs
1	Tank				1	
	Pump				1	pcs
167	Cable gland			92512604	1	pcs