

Company name: Watermatic Irrigation
Created by: Ryan McCarthy
Phone: 02 9477 5540

Email: sales@watermatic.com.au

Date:

Qty. | Description

1 CMBE 5-62 I-U-C-A-D-B



Note! Product picture may differ from actual product

Product No.: 98374712

The Grundfos CMBE booster is a compact booster system for water supply in domestic applications.

The integrated speed controller enables the CMBE booster to keep constant pressure in the pipe system.

A pressure sensor monitoring changes in the water consumption signals the speed controller to change motor speed to adapt performance to the new state.

The CMBE booster is very easy to install. When the system has been connected to the pipes, it is all a matter of inserting the plug into a power supply socket, and the system is operational.

The CMBE booster consists of the following:

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

The Grundfos CMBE booster requires no external motor protection.

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

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

NB:

Suction lift: maximum 1 m, including inlet pipe pressure loss at a liquid temperature of 20 °C (not self-priming).

Controls:

Type of connector: Type I (AS/NZS 3112)

Frequency converter: Built-in

Liquid:

Pumped liquid: Water
Liquid temperature range: 0 .. 60 °C
Selected liquid temperature: 60 °C
Density: 983.2 kg/m³

Technical:

Pump speed on which pump data are based: 3868 rpm

Rated flow: 6 m³/h
Rated head: 47.8 m
Primary shaft seal: AVBE
Code for shaft seal: AVBE
Approvals: CE,RCM
Approvals for drinking water: WRAS,ACS
Curve tolerance: ISO9906:2012 3B

Return valve: YES

Start pressure: Integrated Frequency converter

Materials:

Pump housing: Stainless steel



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1 EN 1.4301

AISI 304

Impeller: Stainless steel

EN 1.4301 AISI 304

Installation:

Maximum ambient temperature: 55 °C
Maximum operating pressure: 10 bar
Pipe connection standard: ISO 228-1
Type of inlet connection: Rp

Type of inlet connection: Rp
Type of outlet connection: Rp
Size of inlet connection: 1 1/4
Size of outlet connection: 1
Pressure rating for connection: PN 10

Electrical data:

Rated power - P2: 1.5 kW Mains frequency: 50 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
Length of cable: 1.5 m

Power plug: Australian plug

Tank:

Tank volume: 2 I

Others:

Net weight:19.3 kgGross weight:29.3 kgShipping volume:0.168 m³Country of origin:CNEnvironmental approvals:WEEE

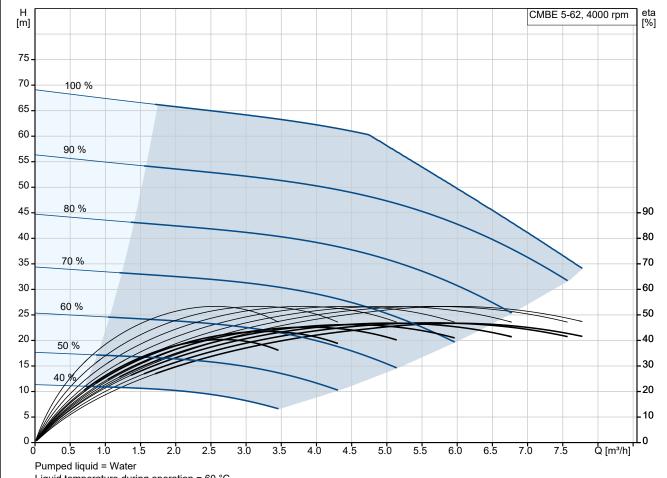


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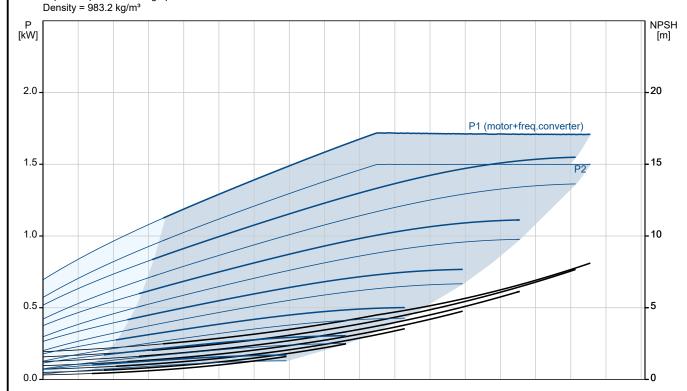
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98374712 CMBE 5-62 I-U-C-A-D-B 50 Hz



Date:

Liquid temperature during operation = 60 °C





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		H CMBE 5-62, 4000 rpm eta
Description	Value	[m] [%]
General information:		75 - 400 %
Product name:	CMBE 5-62 I-U-C-A-D-B	70 - 100 %
Product No:	98374712	60
EAN number:	5711493909521	90 %
Price:	AUD 4843	50
Technical:		45 80 %
Pump speed on which pump data are	3868 rpm	40 - 80
based:	·	35 - 70 %
Rated flow:	6 m³/h	30 - 60 %
Rated head:	47.8 m	25
Impellers:	4	20 - 50 %
Primary shaft seal:	AVBE	15 40
Code for shaft seal:	AVBE	10 - 20
Approvals:	CE,RCM	0
Approvals for drinking water:	WRAS,ACS	0 1 2 3 4 5 6 7 Q [m³/h]
Curve tolerance:	ISO9906:2012 3B	Pumped liquid = Water
Model:	A	Liquid temperature during operation = 60 °C Density = 983.2 kg/m³
Return valve:	YES	P NP
Start pressure:	Integrated Frequency	[kW]
otait pressure.	converter	2.0
Materials:		P1 (motor+freq.converter)
Pump housing:	Stainless steel	15
. •	EN 1.4301	P2 P2
	AISI 304	
Impeller:	Stainless steel	1.0
	EN 1.4301	
	AISI 304	0.5
Code for rubber:	EPDM	
Installation:	LI DIVI	0.0
	55 °C	
Maximum ambient temperature:	10 bar	
Maximum operating pressure:	ISO 228-1	
Pipe connection standard:		
Type of inlet connection:	Rp	
Type of outlet connection:	Rp	
Size of inlet connection:	1 1/4	
Size of outlet connection:	1	
Pressure rating for connection:	PN 10	Rp.1.1/4
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	0 60 °C	
Selected liquid temperature:	60 °C	4x10 / 125
Density:	983.2 kg/m³	349.8
Electrical data:		- -
Rated power - P2:	1.5 kW	217
Mains frequency:	50 Hz	
Rated voltage:	1 x 200-240 V	N LLCa Advisable plag: EC Advisa
Maximum current consumption:	9.10-7.60 A	
Rated speed:	360-4000 rpm	PRESSURE SENSOR PRESSURE SENSOR
Enclosure class (IEC 34-5):	IP55	NC US plays (EC type B,
Insulation class (IEC 85):	F	UK plug IEC type Q. INC
Length of cable:	1.5 m	
Power plug:	Australian plug	ON PLUG 1.5m
Controls:	ra	128/ 128/ 128/ 128/207
Type of connector:	Type I (AS/NZS 3112)	S 197 Thalland plag IEC1 of the part of th
Frequency converter:	Built-in	1 Jurnibus Y B Gerbus B
Toquonoy conventer.	Duit-iii	3 cno 15 +2eV
Tank		
Tank: Tank volume:	21	8 1/24/ 276 1/5/ 273 1/4/5



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Email: Date:

Description	Value
Net weight:	19.3 kg
Gross weight:	29.3 kg
Shipping volume:	0.168 m³
Sales region:	Australia
Config. file no:	98499013
Country of origin:	CN
Environmental approvals:	WEEE



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98374712 CMBE 5-62 I-U-C-A-D-B 50 Hz

