

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

Email: sales@watermatic.com.au

Date:

Qty. | Description

1 CMBE 1-44 I-U-C-A-D-A



Note! Product picture may differ from actual product

Product No.: 98374705

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: 3776 rpm

Rated flow: 2.4 m³/h
Rated head: 28.7 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 outlet connection: Rp

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

Electrical data:

Rated power - P2: 0.55 kW Mains frequency: 50 Hz

Rated voltage: 1 x 200-240 V Maximum current consumption: 3.45-2.90 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:16 kgGross weight:26.4 kgShipping volume:0.168 m³Country of origin:TWEnvironmental approvals:WEEE

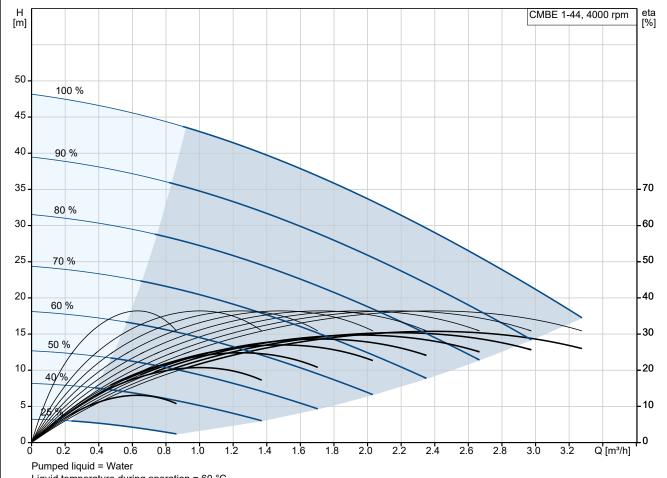


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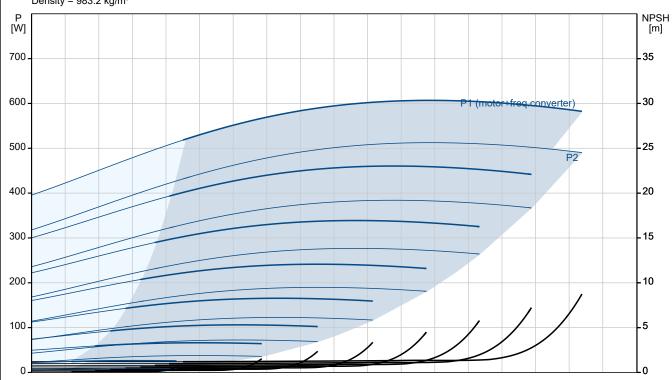
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98374705 CMBE 1-44 I-U-C-A-D-A 50 Hz



Date:

Liquid temperature during operation = 60 °C Density = 983.2 kg/m³





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Description	Value	H [m] CMBE 1-44, 4000 rpm	eta [%]
General information:		50 - 400 %	
Product name:	CMBE 1-44 I-U-C-A-D-A	100 %	
Product No:	98374705	45	
EAN number:	5711493909453	40 90 %	
Price:	AUD 2837	35	70
Technical:		80 %	
Pump speed on which pump data are based:	3776 rpm	30 25 70 %	-60 -50
Rated flow:	2.4 m³/h		40
Rated head:	28.7 m	20 - 60 %	40
Impellers:	3	15 50 %	30
Primary shaft seal:	AVBE	10 40 %	20
Code for shaft seal:	AVBE	5 04/	10
Approvals:	CE,RCM		Π"
Approvals for drinking water:	WRAS,ACS	0 0.5 1.0 1.5 2.0 2.5 3.0 Q [m³/h	<u></u>
Curve tolerance:	ISO9906:2012 3B	Pumped liquid = Water	,
Model:	A	Liquid temperature during operation = 60 °C	
	YES	Density = 983.2 kg/m³	- Nec
Return valve:	. = -	[W]	NPSI [m]
Start pressure:	Integrated Frequency converter	600 P1 (motor+freq converter)	30
Materials:			
Pump housing:	Stainless steel	500 - P2	- 25
	EN 1.4301	400	20
	AISI 304		
Impeller:	Stainless steel	300	- 15
	EN 1.4301	200	10
	AISI 304	100	5
Code for rubber:	EPDM		T
Installation:		0	LL ₀
Maximum ambient temperature:	55 °C		
Maximum operating pressure:	10 bar	· •	\supset
Pipe connection standard:	ISO 228-1		
Type of inlet connection:	Rp	_	,
Type of outlet connection:	Rp	_	{
Size of inlet connection:	1	Rp1	_
Size of milet connection:	1		
Pressure rating for connection:	PN 10		
Liquid:	VA/-4		7 L
Pumped liquid:	Water		
Liquid temperature range:	0 60 °C		~
Selected liquid temperature:	60 °C	<u>4x10</u> 95 125	
Density:	983.2 kg/m³	325.9	_
Electrical data:		217	
Rated power - P2:	0.55 kW		
Mains frequency:	50 Hz		
Rated voltage:	1 x 200-240 V	N II.CS Australia Ashaz	ilan plug: IEC type 2S3112, 1,5m
Maximum current consumption:	3.45-2.90 A		o plug: IEC Type Ei
Rated speed:	360-4000 rpm	SENSUR SENSUR	
Enclosure class (IEC 34-5):	IP55		ig: IEC type B, NEN , 1,5m
Insulation class (IEC 85):	F	— □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	ig: IEC type G, i3, 2m
Length of cable:	1.5 m	Aggert 2073.	inian plug: IRAM 1,5m
Power plug:	Australian plug	O O O O	LUG, 1,5m
Controls:	. .	280 280 0 280 0 13m 15m 15m 15m 15m 15m 15m 15m 15m 15m 15	and plug: IEC type
Type of connector:	Type I (AS/NZS 3112)	6 000	
Frequency converter:	Built-in	B Genhau B	
Tank:		3 CMD 15 349	
	21	8 * 24V 28 * 9V 23 OND	
Tank volume:		271/ A 27	



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Description	Value
Net weight:	16 kg
Gross weight:	26.4 kg
Shipping volume:	0.168 m³
Sales region:	Australia
Config. file no:	98390431
Country of origin:	TW
Environmental approvals:	WEEE



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98374705 CMBE 1-44 I-U-C-A-D-A 50 Hz

