

Date: 09/04/2024

Qty. | Description

1 CMBE 3-62 I-U-C-D-D-A



Note! Product picture may differ from actual product

Product No.: 98374693

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: No plug Frequency converter: Built-in

Liquid:

Pumped liquid: Water
Liquid temperature range: 0 .. 60 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 3780 rpm

Rated flow: 4.2 m³/h
Rated head: 45.2 m
Code for shaft seal: AVBE

Approvals: CE,EAC,CN ROHS EXE,MORO,UKCA

Approvals for drinking water: WRAS

Curve tolerance: ISO9906:2012 3B

Return valve: YES

Start pressure: Integrated Frequency converter

Tank volume: 2 I

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 inlet connection:

Size of outlet connection:

Pressure rating for connection:

PN 10

Electrical data:

Rated power - P2: 1.1 kW Mains frequency: 50 Hz

Rated voltage: 1 x 200-240 V Maximum current consumption: 6.70-5.60 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: No plug

Others:

Net weight: 16.9 kg
Gross weight: 27.3 kg
Shipping volume: 0.159 m³
Country of origin: HU
Custom tariff no.: 84137075
Environmental approvals: WEEE



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Description	Value	H [m] CMBE 3-62, 1*230 V eta [%]
General information:		70
Product name:	CMBE 3-62 I-U-C-D-D-A	65 - 100 %
Product No:	98374693	60
EAN number:	5711493909330	55 _ 90 %
Price:	GBP 2460	50
Technical:		45 80 %
Pump speed on which pump data	2700 rpm	40 - 80
are based:	3780 rpm	35 70 %
Rated flow:	4.2 m³/h	30
Rated head:	45.2 m	25 - 60 %
Impellers:	4	20 50%
Code for shaft seal:	AVBE	15 - 40%
	CE,EAC,CN ROHS	10 - 20
Approvals:	EXE,MORO,UKCA	5 - 10
Approvals for drinking water:	WRAS	0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 Q [m³/h]
Curve tolerance:	ISO9906:2012 3B	Pumped liquid = Water
Model:	A	Liquid temperature during operation = 20 °C
Return valve:	YES	Density = 998.2 kg/m³ P
Start pressure:	Integrated Frequency converter	
οιαπ ρισσομίσ.		
Tank volume:	21	1200 P1 (motor+freq.converter) 12
Materials:		1000 P2 - 10
Pump housing:	Stainless steel	
Pump housing:	EN 1.4301	800
Pump housing:	AISI 304	600
Impeller:	Stainless steel	400
Impeller:	EN 1.4301	100
Impeller:	AISI 304	200
Code for rubber:	EPDM	0
Installation:	LI DIVI	
Maximum ambient temperature:	55 °C	
	10 bar	
Maximum operating pressure: Pipe connection standard:	ISO 228-1	
•		
Type of inlet connection:	Rp	
Type of outlet connection:	Rp	
Size of inlet connection:	1	
Size of outlet connection:	1	
Pressure rating for connection:	PN 10	
Liquid:	\A	
Pumped liquid:	Water	125
Liquid temperature range:	0 60 °C	343.9
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Electrical data:		
Rated power - P2:		
-	1.1 kW	
Mains frequency:	50 Hz	N Australian plug IEC by
Mains frequency: Rated voltage:	50 Hz 1 x 200-240 V	N Acetalan plug TEC by Additional Plug TeC by
Mains frequency: Rated voltage: Maximum current consumption:	50 Hz 1 x 200-240 V 6.70-5.60 A	RESSURE SENSOR Ashtration ping IEC by Ashtration ping IEC by Ashtration ping IEC by Ashtration ping IEC by CERT/1.5m
Mains frequency: Rated voltage: Maximum current consumption: Rated speed:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm	PE SURE PRESSURE PRESSUR
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5):	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55	RESSURE SENSOR Ashtration ping IEC by Ashtration ping IEC by Ashtration ping IEC by Ashtration ping IEC by CERT/1.5m
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85):	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm	PE SURE PRESSURE PRESSUR
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55	PE RESSURE SENSOR RESSURE RE
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55	PRESSURE FINANCIA DE LA CONTRACTOR DE L
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable: Power plug:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55 F 1.5 m	PRESSURE FINANCIA DE LA CONTRACTOR DE L
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable: Power plug: Controls:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55 F 1.5 m	PRESSURE FINANCIA DE LA CONTRACTOR DE L
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable: Power plug: Controls: Type of connector:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55 F 1.5 m No plug	PRESSURE FINANCIA DE LA CONTRACTOR DE L
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable: Power plug: Controls: Type of connector: Frequency converter: Others:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55 F 1.5 m No plug	PE SLORE PE SLO
Mains frequency: Rated voltage: Maximum current consumption: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Length of cable: Power plug: Controls: Type of connector: Frequency converter:	50 Hz 1 x 200-240 V 6.70-5.60 A 360-4000 rpm IP55 F 1.5 m No plug	PRESSURE FINANCIA DE LA CONTRACTOR DE L



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Description	Value
Shipping volume:	0.159 m³
Config. file no:	98390434
Country of origin:	HU
Custom tariff no.:	84137075
Environmental approvals:	WEEE