

Email: sales@asctanks.com.auy

**Date:** 26/04/2020

# Qty. | Description

#### CMB 3-37 A-C-A-A-A



#### Note! Product picture may differ from actual product

Product No.: 97530133

The Grundfos CM Booster with pressure manager PM1 is a compact booster set for water supply in domestic applications. The pressure booster unit consists of a Grundfos CM pump and a Grundfos pressure manager PM1. The pressure manager allows the pump to start and stop automatically according to demand and protects the pump from dry running.

The CM Booster is very easy to install. When the booster has been connected to the pipework, it is all a matter of plugging the plug into a socket, and the system is operational.

## Features

- compact
- easy installation
- dry-running protection
- anti cycling (leakage detection).

### **Applications**

Grundfos CM PM1 Booster is mainly used for domestic and light commercial water supply or booster systems.

#### NΒ

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: 0 .. 60 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

# Technical:

Pump speed on which pump data are based: 2900 rpm

Rated flow: 51.67 l/min
Rated head: 27.7 m
Primary shaft seal: AVBE
Approvals and markings: CE,C-TICK
Return valve: YES
Start pressure: PM1 - 1.5 bar

Materials:



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#### Qty. **Description**

Pump housing: Cast iron

EN-JL1030 ASTM 30 B

Stainless steel Impeller:

DIN W.-Nr. 1.4301

**AISI 304** 

Rubber: **EPDM** 

### Installation:

Maximum ambient temperature: 55 °C

Flange standard: WHITWORTH THREAD RP

Pump inlet: Rp 1 Pump outlet: EXT. G1

# **Electrical data:**

Rated power - P2: 0.5 kW Mains frequency: 50 Hz Rated voltage: 1 x 220-240 V Maximum current consumption: 3.1-2.8 A Rated speed: 2730-2740 rpm

Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F ΑU Type of cable plug: Mains cable: 1.5 m

#### Others:

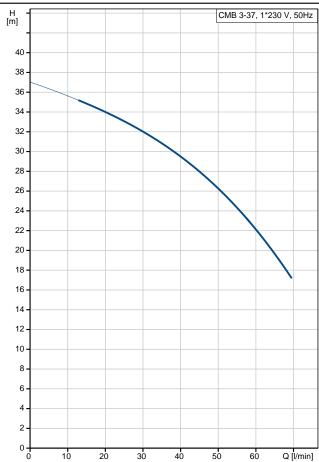
Net weight: 13.6 kg Gross weight: 17.1 kg

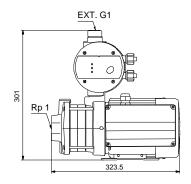


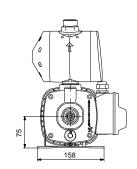
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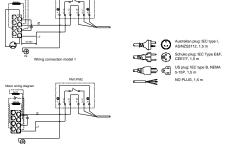
Date: 26/04/2020

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Description	Value
General information:	
Product name:	CMB 3-37 A-C-A-A-A
Product No:	97530133
EAN number:	5700317867079
	5700317867079
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	51.67 l/min
Rated head:	27.7 m
Impellers:	4
Primary shaft seal:	AVBE
Approvals and markings:	CE,C-TICK
Model:	A
Return valve:	YES
Start pressure:	PM1 - 1.5 bar
Materials:	
Pump housing:	Cast iron
· •	EN-JL1030
	ASTM 30 B
Impeller:	Stainless steel
	DIN WNr. 1.4301
	AISI 304
Rubber:	EPDM
Installation:	
	55 °C
Maximum ambient temperature: Flange standard:	55 °C WHITWORTH THREAD RP
Maximum ambient temperature: Flange standard:	WHITWORTH THREAD RP
Maximum ambient temperature: Flange standard: Pump inlet:	WHITWORTH THREAD
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet:	WHITWORTH THREAD RP Rp 1
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid:	WHITWORTH THREAD RP Rp 1
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid:	WHITWORTH THREAD RP Rp 1 EXT. G1
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range:	WHITWORTH THREAD RP Rp 1 EXT. G1
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range:	WHITWORTH THREAD RP Rp 1 EXT. G1 Water 0 60 °C
Maximum ambient temperature:  Flange standard:  Pump inlet:  Pump outlet:  Liquid:  Pumped liquid:  Liquid temperature range:  Selected liquid temperature:  Density:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C
Maximum ambient temperature:  Flange standard:  Pump inlet:  Pump outlet:  Liquid:  Pumped liquid:  Liquid temperature range:  Selected liquid temperature:  Density:  Electrical data:  Rated power - P2:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³
Maximum ambient temperature:  Flange standard:  Pump inlet: Pump outlet:  Liquid:  Pumped liquid:  Liquid temperature range:  Selected liquid temperature:  Density:  Electrical data:  Rated power - P2:  Mains frequency:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³
Maximum ambient temperature:  Flange standard:  Pump inlet: Pump outlet:  Liquid:  Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:  Electrical data: Rated power - P2: Mains frequency: Rated voltage:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³  0.5 kW 50 Hz 1 x 220-240 V
Maximum ambient temperature:  Flange standard:  Pump inlet: Pump outlet:  Liquid:  Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:  Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³  0.5 kW 50 Hz
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³  0.5 kW 50 Hz 1 x 220-240 V 3.1-2.8 A 10 bar
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed:	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water  0 60 °C  20 °C  998.2 kg/m³  0.5 kW  50 Hz  1 x 220-240 V  3.1-2.8 A
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5):	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³  0.5 kW 50 Hz 1 x 220-240 V 3.1-2.8 A 10 bar 2730-2740 rpm
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85):	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water  0 60 °C  20 °C  998.2 kg/m³  0.5 kW  50 Hz  1 x 220-240 V  3.1-2.8 A  10 bar  2730-2740 rpm  IP55
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec:	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water  0 60 °C  20 °C  998.2 kg/m³  0.5 kW  50 Hz  1 x 220-240 V  3.1-2.8 A  10 bar  2730-2740 rpm  IP55  F  TP 211
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Type of cable plug:	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water  0 60 °C  20 °C  998.2 kg/m³  0.5 kW  50 Hz  1 x 220-240 V  3.1-2.8 A  10 bar  2730-2740 rpm  IP55  F  TP 211  AU
Maximum ambient temperature:  Flange standard:  Pump inlet: Pump outlet:  Liquid:  Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:  Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Type of cable plug: Mains cable:	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water  0 60 °C  20 °C  998.2 kg/m³  0.5 kW  50 Hz  1 x 220-240 V  3.1-2.8 A  10 bar  2730-2740 rpm  IP55  F  TP 211
Maximum ambient temperature: Flange standard: Pump inlet: Pump outlet: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density: Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Type of cable plug: Mains cable: Others:	WHITWORTH THREAD RP Rp 1 EXT. G1  Water 0 60 °C 20 °C 998.2 kg/m³  0.5 kW 50 Hz 1 x 220-240 V 3.1-2.8 A 10 bar 2730-2740 rpm IP55 F TP 211 AU 1.5 m
Maximum ambient temperature:  Flange standard:  Pump inlet: Pump outlet:  Liquid:  Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:  Electrical data: Rated power - P2: Mains frequency: Rated voltage: Maximum current consumption: p max system: Rated speed: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protec: Type of cable plug: Mains cable:	WHITWORTH THREAD RP  Rp 1  EXT. G1  Water  0 60 °C  20 °C  998.2 kg/m³  0.5 kW  50 Hz  1 x 220-240 V  3.1-2.8 A  10 bar  2730-2740 rpm  IP55  F  TP 211  AU







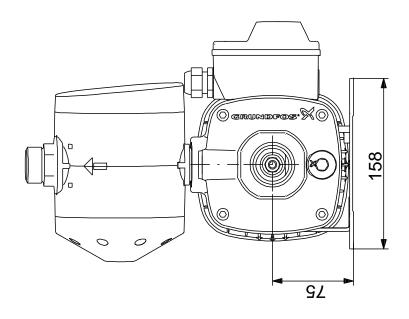


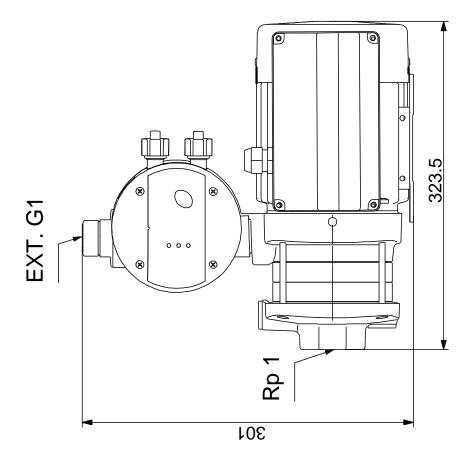


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# 97530133 CMB 3-37 A-C-A-A-A 50 Hz





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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# 97530133 CMB 3-37 A-C-A-A-A 50 Hz

Australian plug: IEC type I, AS/NZS3112, 1,5 m

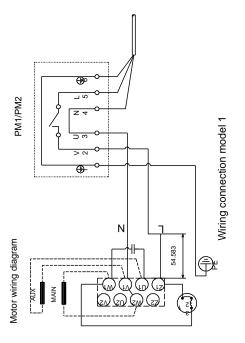
Schuko plug: IEC Type E&F, CEE7/7, 1,5 m

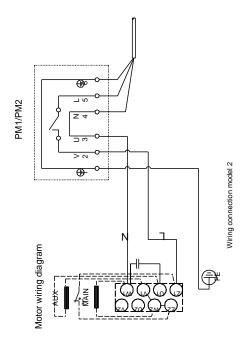
US plug: IEC type B, NEMA 5-15P, 1,5 m

NO PLUG, 1,5 m









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