

Company name: Created by: Phone:

**Date:** 8/1/2018

Position | Count | Description

1

CMB-SP 5-28 I-C-A-C-B-A



Product No.: 98507579

The Grundfos CM Booster self-priming pump with PM2 pressure manager is a compact booster solution for water supply in domestic applications. The pressure booster unit consists of a Grundfos CM self-priming pump and a Grundfos PM2 pressure manager. The pressure manager allows the pump to start and stop automatically according to demand and protects the pump from dry running.

The CM Booster self-priming pump can create a suction lift of up to 8 m, and it is very easy to install. When the booster has been connected to the pipework, just plug it into a outlet, and the system is operational.

## **Features**

- compact
- easy installation
- self-priming up to 8 m
- automatic resetting of alarms
- dry-running protection
- anti-cycling (leakage detection)
- maximum continuous operating time.

## **Applications**

The Grundfos CM Booster self-priming pump with PM2 pressure manager is mainly used for domestic and light commercial water supply or booster systems.

Liquid:

Pumped liquid: Water
Liquid temperature range: 32 .. 140 °F
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Speed for pump data: 2900 rpm
Rated flow: 20.7 US gpm
Rated head: 72.51 ft
Primary shaft seal: AVBE
Approvals and markings: CE

Curve tolerance: ISO9906:2012 3B

Self-priming: 13.12 ft
Start pressure: PM1 - 2.2 bar

Materials:

Pump housing: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Impeller: Stainless steel

DIN W.-Nr. 1.4301



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		-	AISI 304	
		Rubber:	EPDM	
		Rubber.	LI DIVI	
		Installation:		
		Maximum ambient temperature:	131 °F	
		Flange standard:	WHITWORTH THREAD RP	
		Trange standard.	WIII WORTH TIME/ID KI	
		Electrical data:		
		Rated power - P2:	0.671 HP	
		Main frequency:	50 Hz	
		Rated voltage:	1 x 220-240 V	
		Maximum current consumption:		
		Rated speed:	2730-2740 rpm	
		Enclosure class (IEC 34-5):	IP55	
		Insulation class (IEC 85):	F	
		Type of cable plug:	SCHUKO	
		Mains cable:	4.922 ft	
		Others:		
		Net weight:	30.3 lb	
		Gross weight:	48.1 lb	