

Qty. Description

1 CMB 5-46 A-C-A-A-B-B



Note! Product picture may differ from actual product

Product No.: [97530169](#)

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

The Grundfos CM 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 Grundfos CM Booster with PM1 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)

Liquid:

Pumped liquid: Water
 Liquid temperature range: 0 .. 40 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2900 rpm
 Rated flow: 4.7 m³/h
 Rated head: 38.6 m
 Code for shaft seal: AVBE
 Approvals: RCM
 Return valve: YES
 Start pressure: PM1 - 2.2 bar

Materials:

Pump housing: Cast iron
 EN 1561 EN-GJL-200
 ASTM A48-30B
 Impeller: Stainless steel
 EN 1.4301

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1	<p style="text-align: right;">AISI 304</p> <p>Installation:</p> <p>Maximum ambient temperature: 50 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Pipe connection standard: ISO 228-1</p> <p>Type of inlet connection: Rp</p> <p>Type of outlet connection: G</p> <p>Size of inlet connection: 1 1/4</p> <p>Size of outlet connection: 1</p> <p>Pressure rating for connection: PN 10</p> <p>Electrical data:</p> <p>Rated power - P2: 0.9 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 1 x 220-240 V</p> <p>Maximum current consumption: 5.4-5.0 A</p> <p>Rated speed: 2750-2790 rpm</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Insulation class (IEC 85): F</p> <p>Built-in motor protection: TP 211</p> <p>Length of cable: 1.5 m</p> <p>Power plug: Australian plug</p> <p>Tank:</p> <p>Tank volume: NONE I</p> <p>Others:</p> <p>Net weight: 16.5 kg</p> <p>Gross weight: 20.9 kg</p> <p>Environmental approvals: WEEE</p>
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