Qty. | Description

1 HYDRO MULTI-E 2 CME 3-5



Note! Product picture may differ from actual product

Product No.: 98486648

GRUNDFOS Hydro Multi-E booster sets are designed for the transfer and pressure boosting of clean water in waterworks, blocks of flats, hotels, industry, hospitals, schools, etc.

GRUNDFOS Hydro Multi-E booster set consists of 2 to 3 CME pumps coupled in parallel and mounted on a common base frame provided with all the necessary fittings.

Hydro Multi-E is mounted on a common base frame made of stainless steel (DIN W.-Nr. 1.4301).

On the suction side are fitted a suction manifold (DIN W.-Nr.

1.4401 or DIN W.-Nr.

1.4571), a pressure switch mounted on a drainable valve and an isolating valve.

On the discharge side of the pumps are fitted a non-return valve, an isolating valve, a pressure gauge, two pressure transmitters mounted on a drainable valve, a diaphragm tank and a stainless steel discharge manifold (DIN W.-Nr.

1.4401 or DIN W.-Nr.

1.4571).

The Hydro Multi-E is fitted with an on/off-switch for the supply voltage.

The Hydro Multi-E is designed for maintaining a constant pressure regardless of flow changes and fluctuation.

The internal PI-controller regulates the number of running pumps and the speed of the pumps according to the required flow.

The system can be operated directly on the panel of any of the pumps or via Grundfos GO (available as accessory)

Besides the system features:

- 2 Digital outputs
- 2 Digital inputs (one used for dry run protection)
- 2 Analogue inputs (one used for discharge pressure sensor)

Multi-Master functionality

2 Limit functions

Set-point influence function

Pipe filling function

High Efficient PM motors

Available communication protocols:

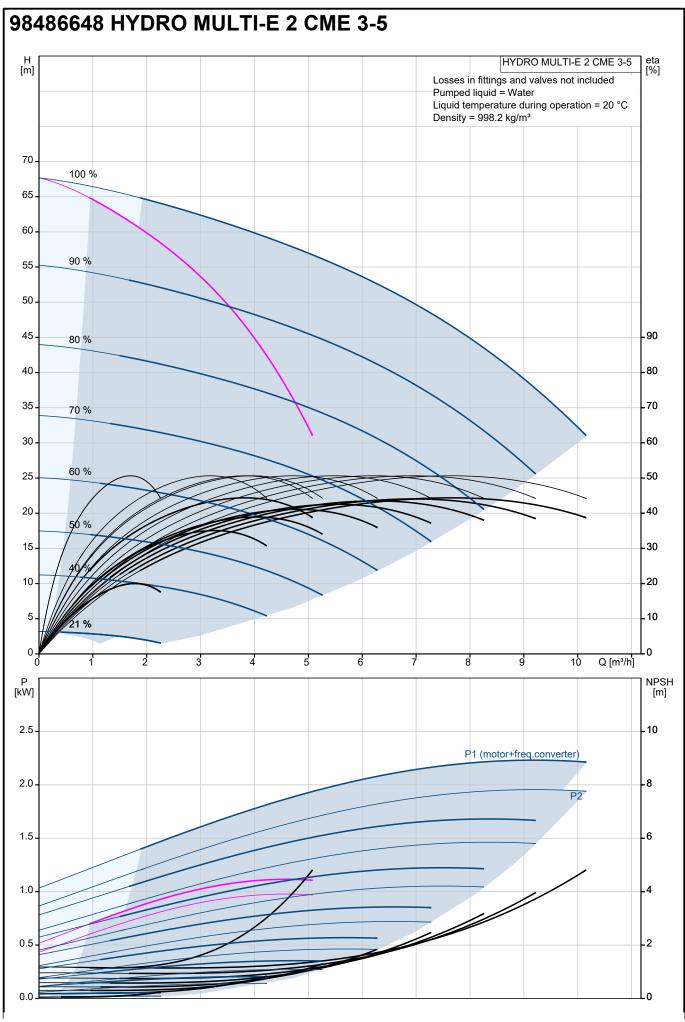
- •LON
- Profibus
- •Modbus
- •SMS/GSM/GPRS
- •GRM
- BACnet
- BACnet IP
- •Modbus TCP
- •PROFINET

When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.

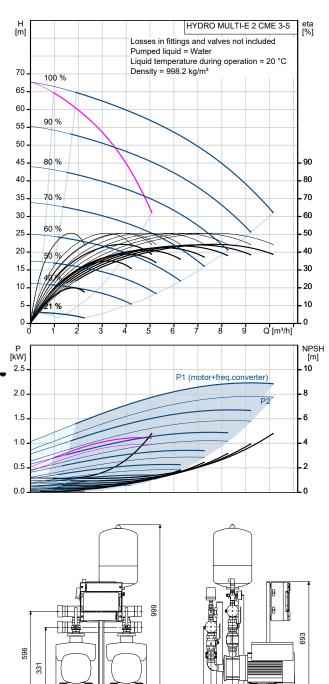
Liquid:

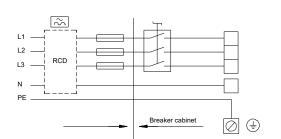
Pumped liquid: Water

Description 5 .. 60 °C Liquid temperature range: 20 °C Selected liquid temperature: Density: 998.2 kg/m³ Technical: Max flow: 10.4 m³/h Materials: Pump housing: Stainless steel Installation: Maximum operating pressure: 10 bar Maximum permissible inlet pressure: PN 10 bar Flange standard: **DIN ISO 7/1** Manifold inlet: R 1 1/2 Manifold outlet: R 1 1/2 Electrical data: IE Efficiency class: IE5 Power (P2) main pump: 1.1 kW Mains frequency: 50 / 60 Hz Rated voltage: 3 x 380-415 V Phase main pump: Rated current: 6.5 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 12 I Diaphragm tank: Yes Others: Net weight: 71 kg Gross weight: 78 kg Shipping volume: $0.315 \, m^3$ Language: Multi Country of origin: GB Custom tariff no.: 84137075

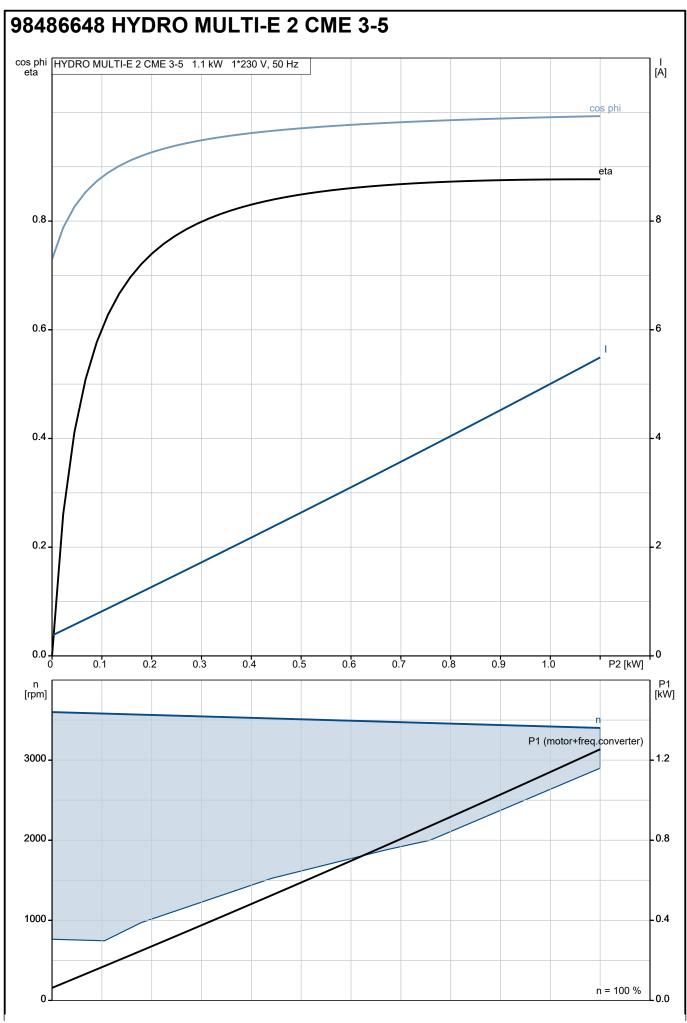


Description General information: Product name: Product No: EAN number: Fachnical: Max flow: Min flow system: Head max: Pump name: CME 3-5 Materials: Pump housing: Maximum operating pressure: Maximum permissible inlet pressure: Plange standard: Manifold outlet: Manifold outlet: Maximum value Maximum value Maximum value Manifold outlet: Manifold outlet: Maximum Ma
Product name: Product No: 98486648 EAN number: 5711495953157 Technical: Max flow: 10.4 m³/h Min flow system: 0.31 m³/h Head max: 66.1 m Pump name: CME 3-5 Number of pumps: 2 Materials: Pump housing: Stainless steel Maximum operating pressure: Maximum operating pressure: Plange standard: Maximum permissible inlet pressure: Plange standard: Manifold inlet: Manifold outlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Product No: EAN number: 5711495953157 Technical: Max flow: Min flow system: Head max: Pump name: Number of pumps: Pump housing: Maxifolds: Stainless steel Maximum operating pressure: Maximum permissible inlet pressure: Plange standard: Manifold inlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Maximum bersissible inlet pressure: Maximum Water
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Pump name: Number of pumps: Materials: Pump housing: Manifolds: Installation: Maximum operating pressure: Maximum permissible inlet pressure: PN 10 bar Flange standard: Manifold inlet: Manifold outlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Number of pumps: Materials: Pump housing: Manifolds: Installation: Maximum operating pressure: Maximum permissible inlet pressure: PN 10 bar Flange standard: Manifold inlet: Manifold outlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Materials: Pump housing: Stainless steel Manifolds: Stainless steel Installation: Maximum operating pressure: 10 bar Maximum permissible inlet pressure: PN 10 bar Flange standard: DIN ISO 7/1 Manifold inlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Pump housing: Manifolds: Maximum operating pressure: Maximum permissible inlet pressure: Plange standard: Manifold inlet: Manifold outlet: R 1 1/2 Manifold outlet: R 2 1 1/2 Manifold inlet: Water
Manifolds: Installation: Maximum operating pressure: Maximum permissible inlet pressure: PN 10 bar Flange standard: Manifold inlet: Manifold outlet: R 1 1/2 Manifold outlet: R 2 1 1/2 Liquid: Pumped liquid: Water
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Flange standard: Manifold inlet: Manifold outlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Manifold inlet: R 1 1/2 Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Manifold outlet: R 1 1/2 Liquid: Pumped liquid: Water
Liquid: Pumped liquid: Water
Pumped liquid: Water
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Liquid temperature range: 5 60 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³
Electrical data:
E Efficiency class: IE5
Power (P2) main pump: 1.1 kW
Mains frequency: 50 / 60 Hz
Rated voltage: 3 x 380-415 V
Phase main pump: 1
Rated current: 6.5 A
Start. method: electronically
Enclosure class (IEC 34-5): IP54
Tank:
Volume of pressure tank: 12 l
Diaphragm tank: Yes
Others:
Net weight: 71 kg
Gross weight: 78 kg
Shipping volume: 0.315 m³
Language: Multi
Country of origin: GB
Country of origin.

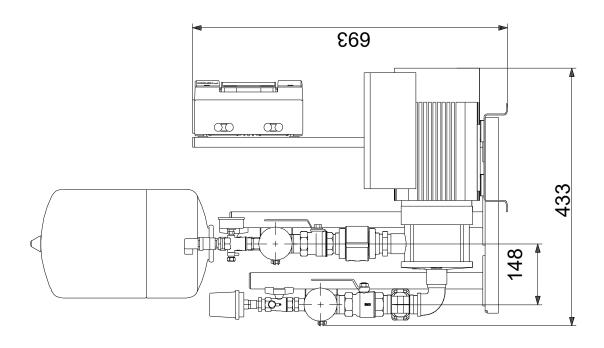


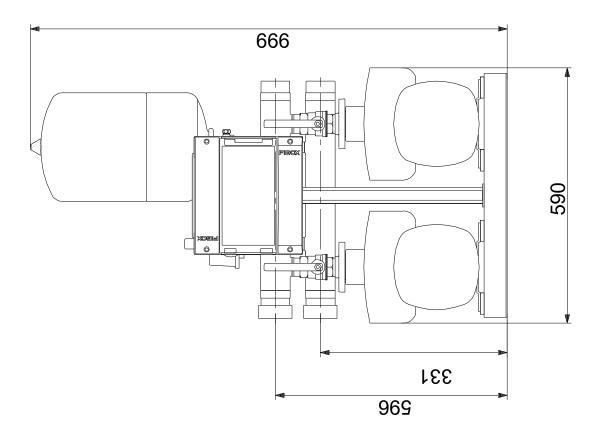


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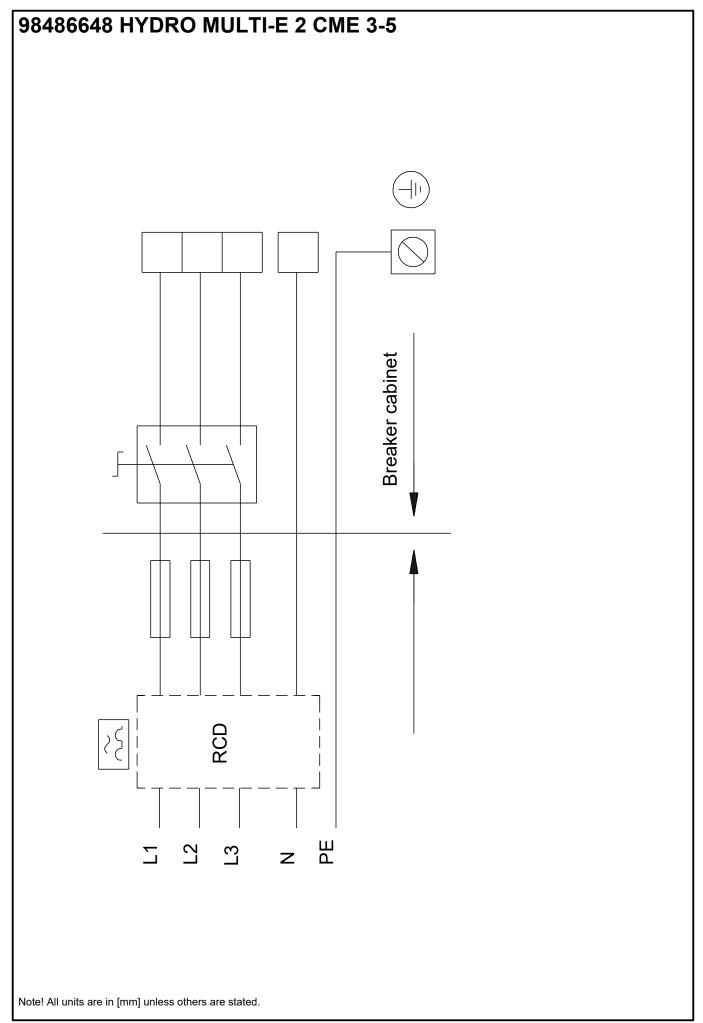


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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		HYDRO MULTI-E 2 CME 3-5	1	98486648	Price or request	
					reques	