

Date: 25/10/2018

Position | Qty. | Description

1 HYDRO MULTI-E 3 CME15-01



Note! Product picture may differ from actual product

Product No.: 98507200

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:



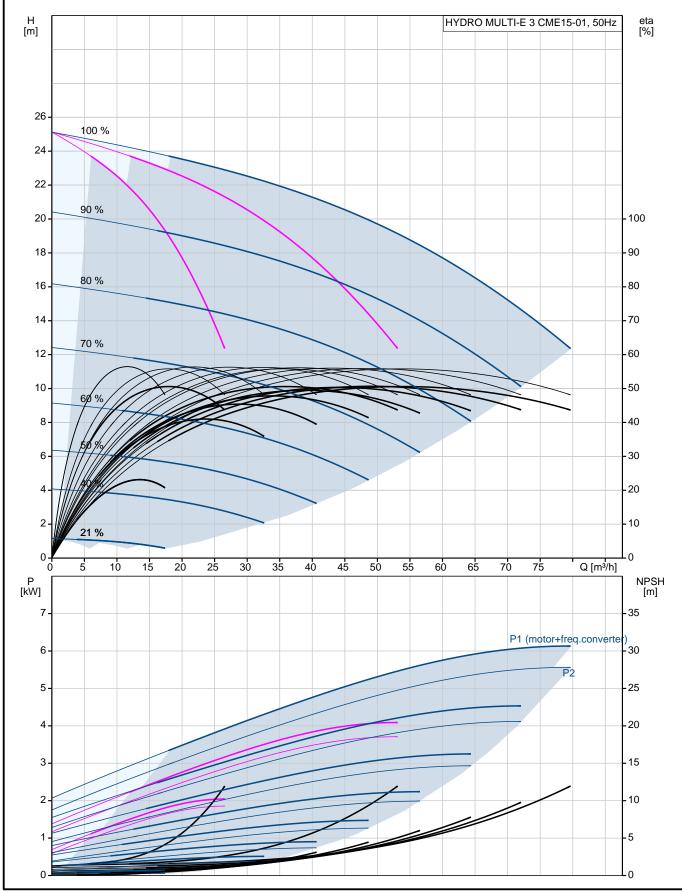
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Position Description Qty. Pumped liquid: Water Liquid temperature range: 5 .. 60 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Materials: Pump housing: Stainless steel Installation: Maximum operating pressure: 10 bar Maximum inlet pressure: PN 10 bar Flange standard: **DIN2642** Manifold inlet: **DN 100** Manifold outlet: **DN 100 Electrical data:** IE Efficiency class: IE5 Power (P2) main pump: 2.2 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 12.5 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Volume of pressure tank: 33 I Diaphragm tank: Yes Others: Net weight: 184 kg Gross weight: 195 kg Shipping volume: 1 m³ Language: **MULTI** Country of origin: GB 84137075 Custom tariff no.:



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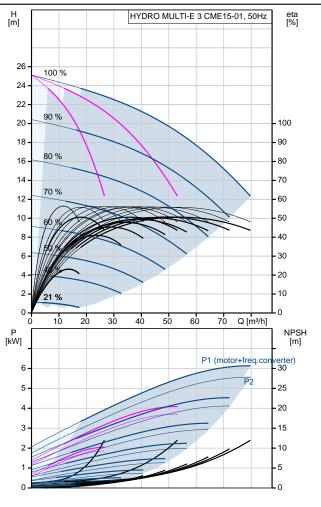
98507200 HYDRO MULTI-E 3 CME15-01 50 Hz





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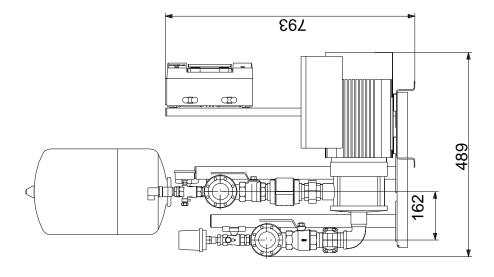
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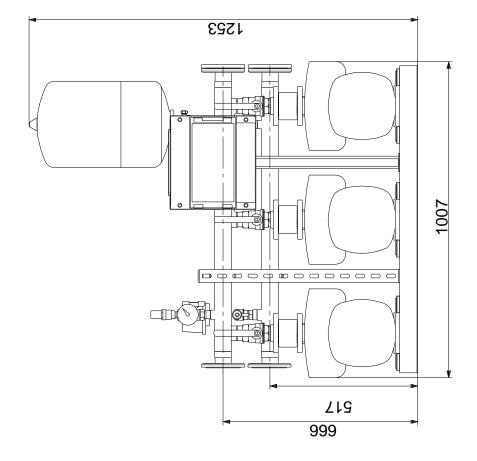




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98507200 HYDRO MULTI-E 3 CME15-01 50 Hz





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



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