

Qty. Description

1 HYDRO MULTI-E 2 CRE 3-5



Note! Product picture may differ from actual product

Product No.: [99614240](#)

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 sets consists of 2 to 3 CR(N)E 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 in black painted mild steel.

On the suction side are fitted a suction manifold (AISI 316 or EN 1.4571) and two pressure transmitters which are mounted on 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 an isolating valve, a diaphragm tank and a stainless steel discharge manifold (AISI 316 or EN 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 graphical display of any of the pumps or via Grundfos GO (available as accessory)

Besides the system features:

2 Relay outputs

2 Digital inputs (one used for external start/stop)

2 Digital configurable input/output (one used for external start/stop)

3 analogue inputs (one used for discharge pressure and one used for inlet pressure)

Multi-Master functionality

2 Limit exceed functions (one used for dry running protection)

Set-point influence

Pipe filling function

Proportional pressure and High Efficient PM motors

Available communication protocols:

LON

PROFIBUS DP

PROFIBUS IO

BACnet MS/TP

BACnet IP

Modbus RTU

Modbus TCP

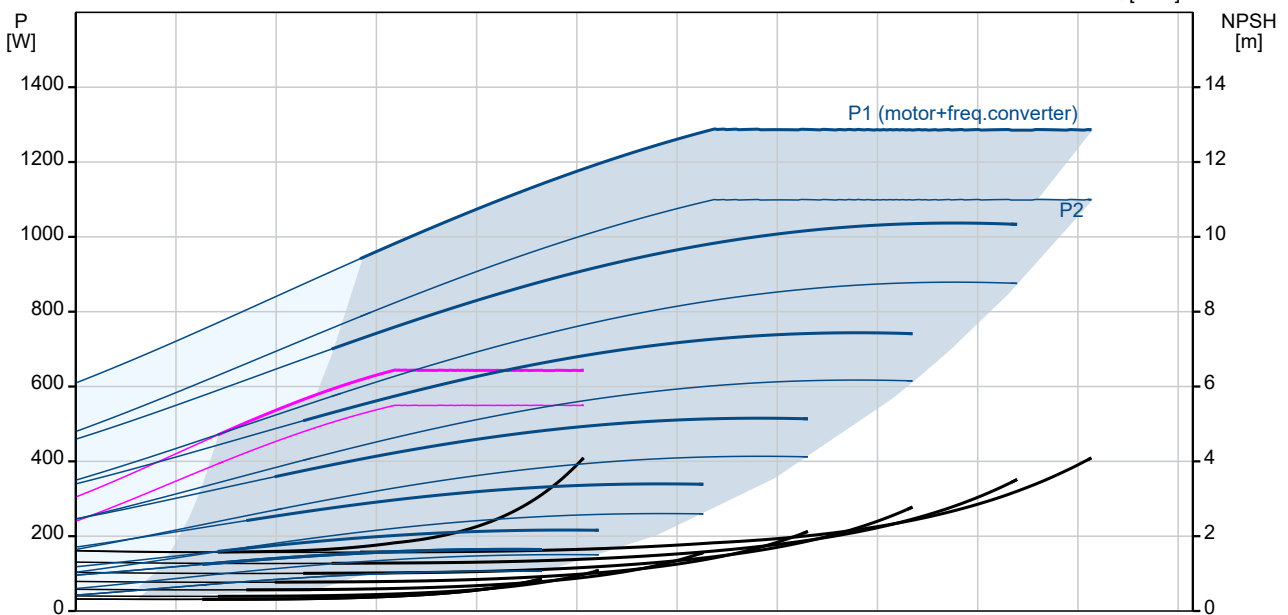
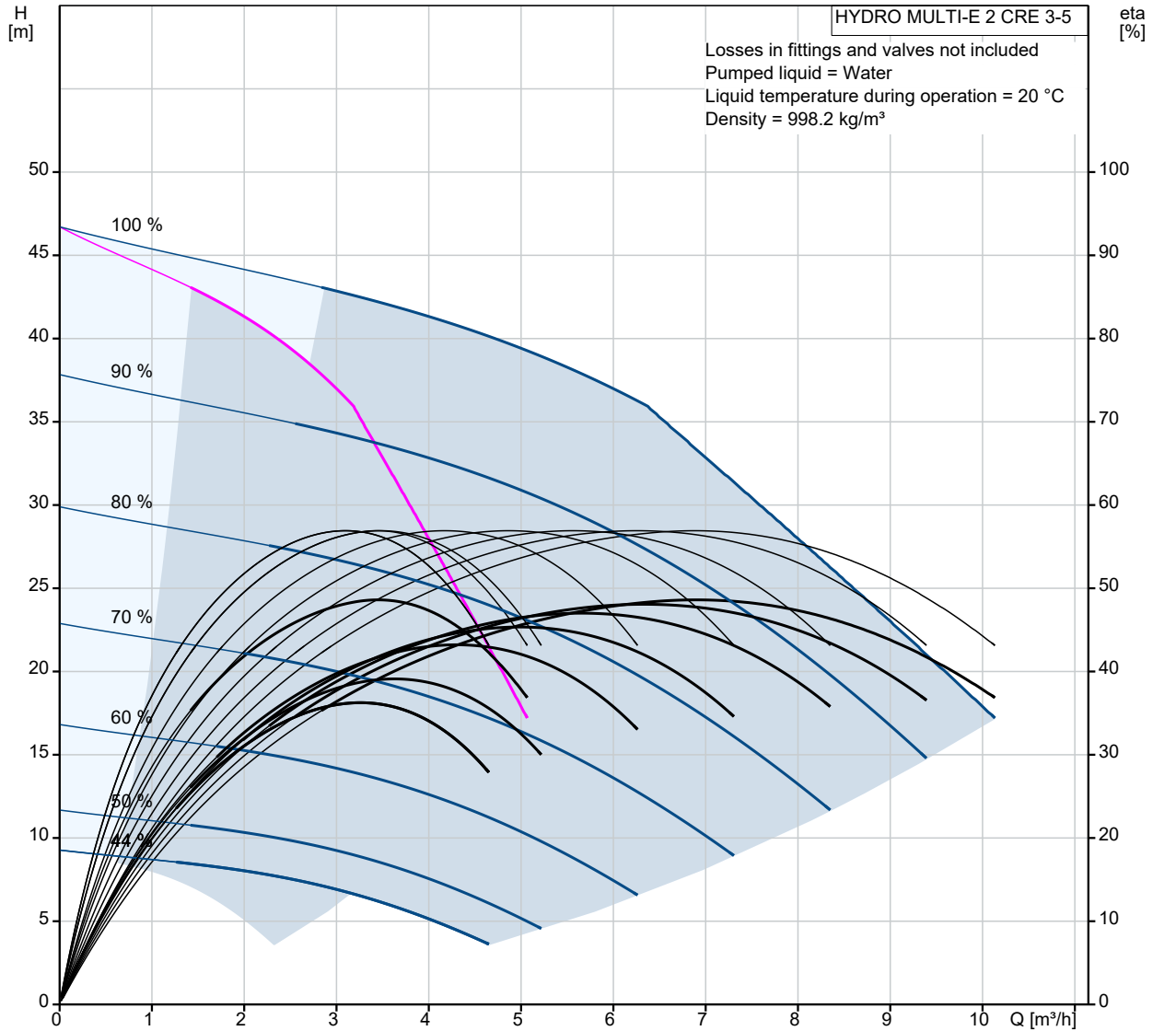
Ethernet IP

Cellular 3G/4G

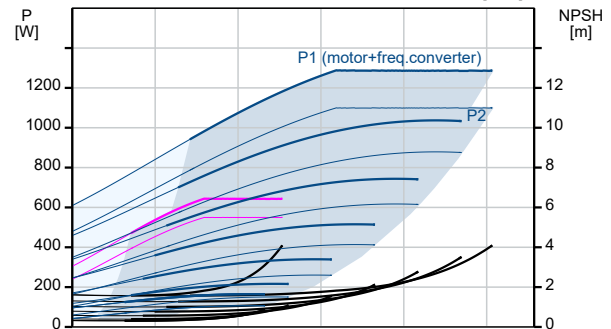
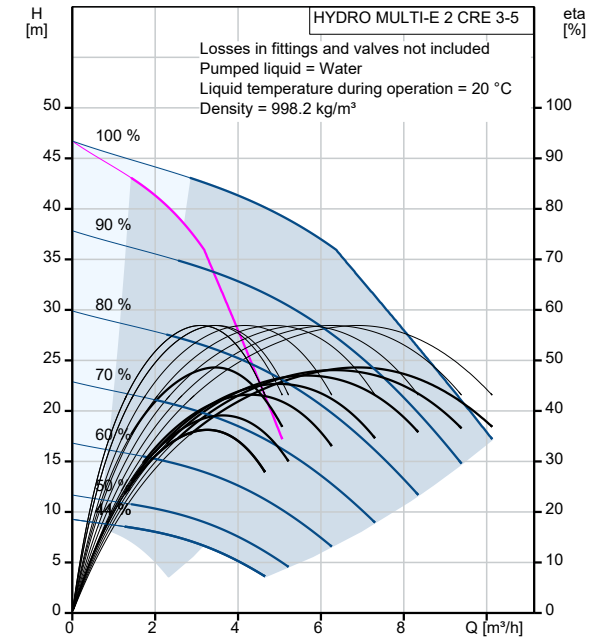
GiC/GRM

Qty.	Description
	<p>When delivered, the GRUNDFOS Hydro Multi-E booster set is factory tested and ready for operation.</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 5 .. 60 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Materials:</p> <p>Pump housing: Cast iron</p> <p>Installation:</p> <p>Maximum operating pressure: 10 bar</p> <p>Maximum permissible inlet pressure: PN 10 bar</p> <p>Flange standard: DIN ISO 7/1</p> <p>Manifold inlet: R 2</p> <p>Manifold outlet: R 2</p> <p>Electrical data:</p> <p>IE Efficiency class: IE5</p> <p>Power (P2) main pump: 0.55 kW</p> <p>Mains frequency: 50 / 60 Hz</p> <p>Rated voltage: 1 x 200-240 V</p> <p>Rated current: 6.68 A</p> <p>Start. method: electronically</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Tank:</p> <p>Volume of pressure tank: 24 l</p> <p>Diaphragm tank: Yes</p> <p>Others:</p> <p>Net weight: 91 kg</p> <p>Gross weight: 120 kg</p> <p>Shipping volume: 0.61 m³</p> <p>Language: Multi</p> <p>Country of origin: SG</p> <p>Custom tariff no.: 8413709062</p>

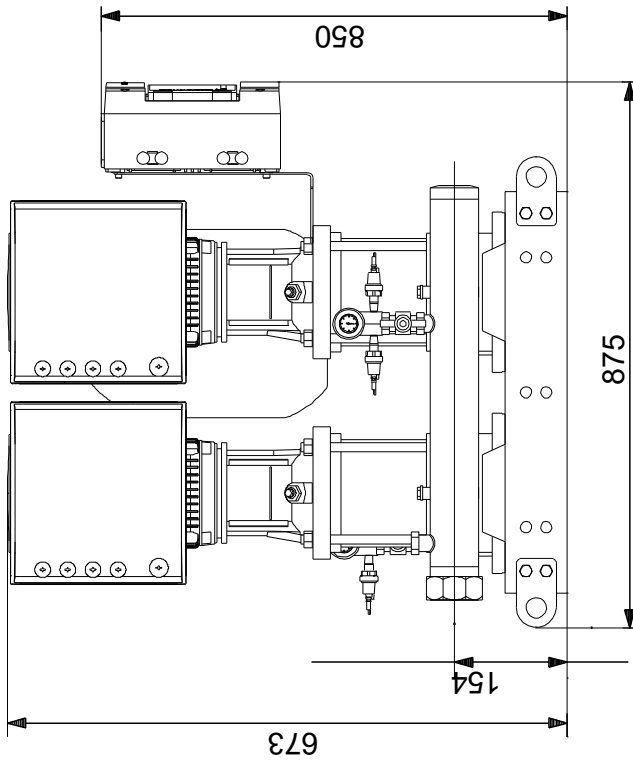
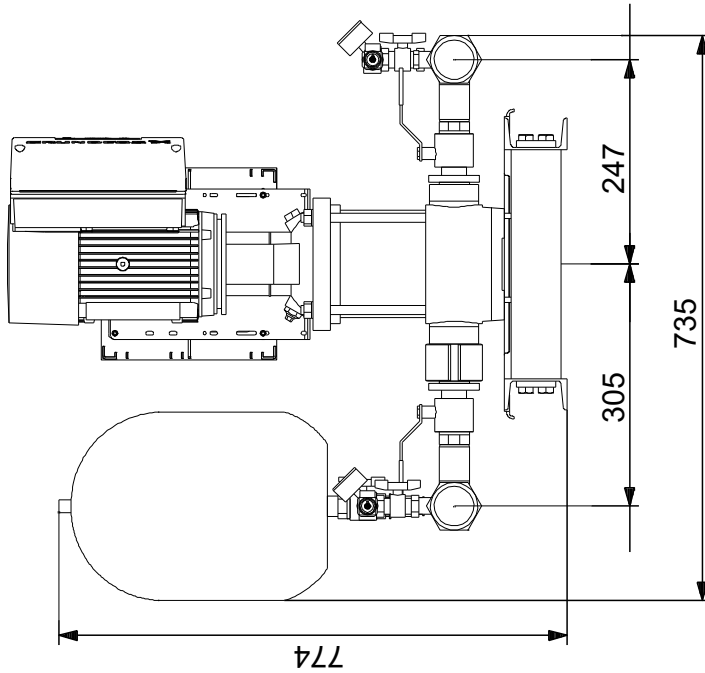
99614240 HYDRO MULTI-E 2 CRE 3-5



Description	Value
General information:	
Product name:	HYDRO MULTI-E 2 CRE 3-5
Product No:	99614240
EAN number:	5713831934080
Price:	
Technical:	
Max flow:	10.8 m ³ /h
Max flow:	10.8 m ³ /h
Min flow system:	1.3 m ³ /h
Head max:	47 m
Pump name:	CRE 3-5
Number of pumps:	2
Materials:	
Pump housing:	Cast iron
Manifolds:	Stainless steel
Installation:	
Maximum operating pressure:	10 bar
Maximum permissible inlet pressure:	PN 10 bar
Flange standard:	
Flange standard:	DIN ISO 7/1
Manifold inlet:	R 2
Manifold outlet:	R 2
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 .. 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
IE Efficiency class:	IE5
Power (P2) main pump:	0.55 kW
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 200-240 V
Rated current:	6.68 A
Start. method:	electronically
Enclosure class (IEC 34-5):	IP55
Tank:	
Volume of pressure tank:	24 l
Diaphragm tank:	Yes
Others:	
Net weight:	91 kg
Gross weight:	120 kg
Shipping volume:	0.61 m ³
Language:	Multi
Sales region:	APAC
Country of origin:	SG
Custom tariff no.:	8413709062



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