## Qty. | Description

## 1 HYDRO MULTI-E 3 CRIE 3-4



Note! Product picture may differ from actual product

Product No.: 98486585

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 4 CRIE 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:

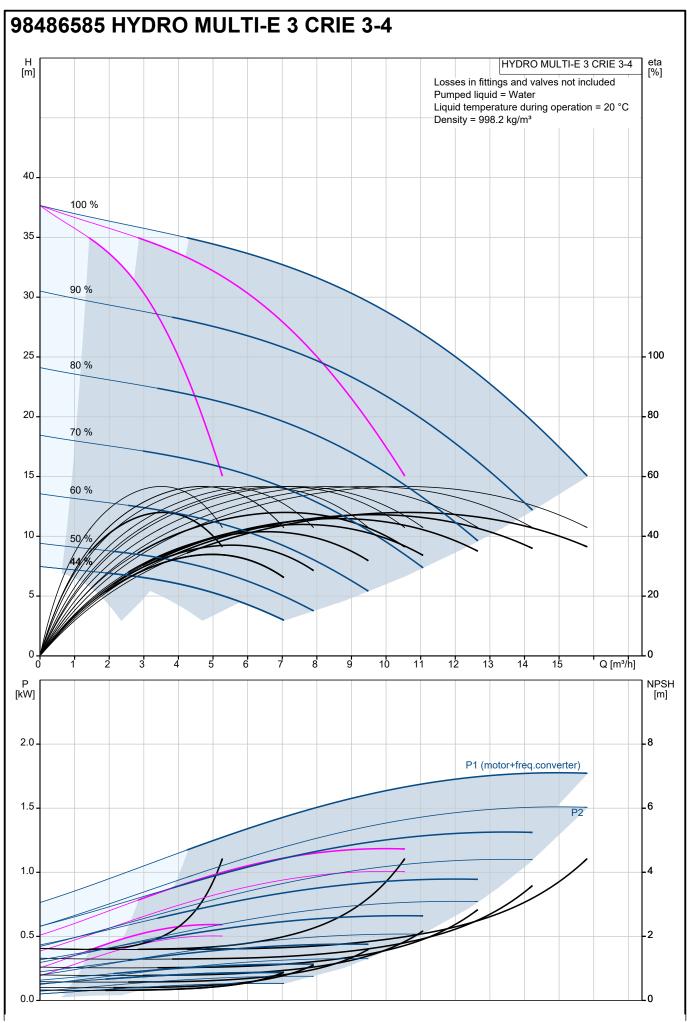
- •LON
- Profibus
- Modbus
- •SMS/GSM/GPRS
- •GRM
- BACnet
- •BACnet IP
- •Modbus TCP
- PROFINET

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

Liquid:

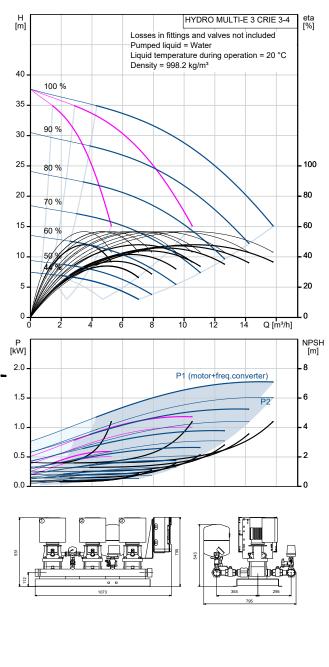
Pumped liquid: Water

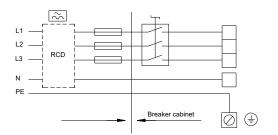
## Description 5 .. 60 °C Liquid temperature range: 20 °C Selected liquid temperature: Density: 998.2 kg/m<sup>3</sup> Technical: Max flow: 16.2 m<sup>3</sup>/h Materials: Pump housing: Stainless steel Installation: Maximum operating pressure: 10 bar Maximum permissible inlet pressure: PN 10 bar Flange standard: **DIN ISO 7/1** Manifold inlet: R 2 Manifold outlet: R 2 Electrical data: IE Efficiency class: IE5 Power (P2) main pump: 0.55 kW Mains frequency: 50 / 60 Hz Rated voltage: 3 x 380-415 V Phase main pump: Rated current: 5.3 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Volume of pressure tank: 8 I Diaphragm tank: Yes Others: Net weight: 111 kg Gross weight: 120 kg Shipping volume: 0.403 m<sup>3</sup> Language: GB Danish VVS No.: 385552534 Country of origin: GB Custom tariff no.: 84137075



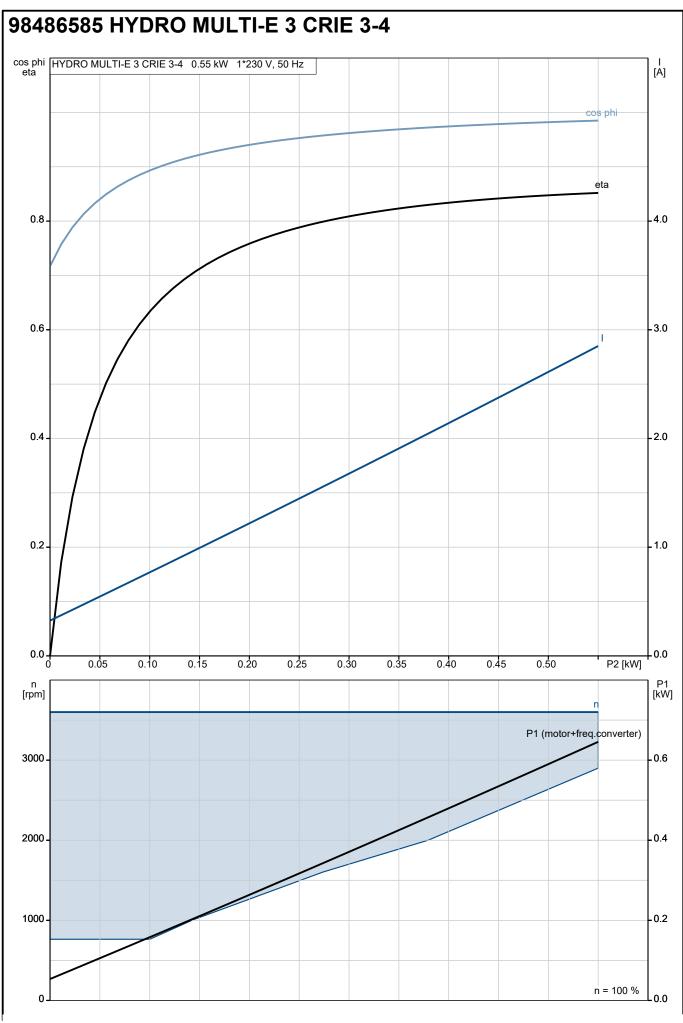
Description	Value		
General information:	Value		
Product name:	HYDRO MULTI-E 3 CRIE 3-4		
Product No:	98486585		
EAN number:	5711495952419		
Technical:			
Max flow:	16.2 m³/h		
Min flow system:	0.35 m³/h		
Head max:	37 m		
Pump name:	CRIE 3-4		
Number of pumps:	3		
Materials:			
Pump housing:	Stainless 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 2		
Manifold outlet:	R 2		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	5 60 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		
Electrical data:			
IE Efficiency class:	IE5		
Power (P2) main pump:	0.55 kW		
Mains frequency:	50 / 60 Hz		
Rated voltage:	3 x 380-415 V		
Phase main pump:	1		
Rated current:	5.3 A		
Start. method:	electronically		
Enclosure class (IEC 34-5):	IP54		
Tank:			
Volume of pressure tank:	81		
Diaphragm tank:	Yes		
Others:			
Net weight:	111 kg		
Gross weight:	120 kg		
Shipping volume:	0.403 m <sup>3</sup>		
Language:	GB		
Danish VVS No.:	385552534		
Country of origin:	GB		
Country of origin.	GD		

84137075

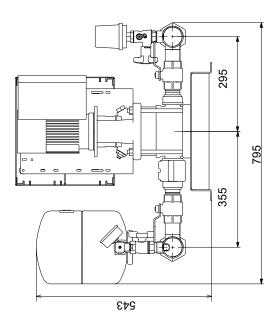


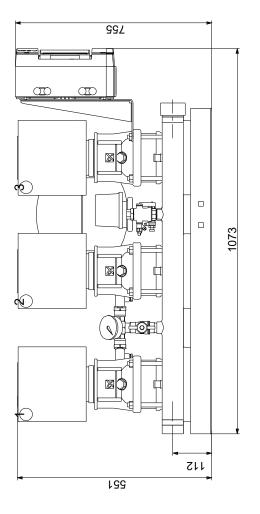


Custom tariff no.:

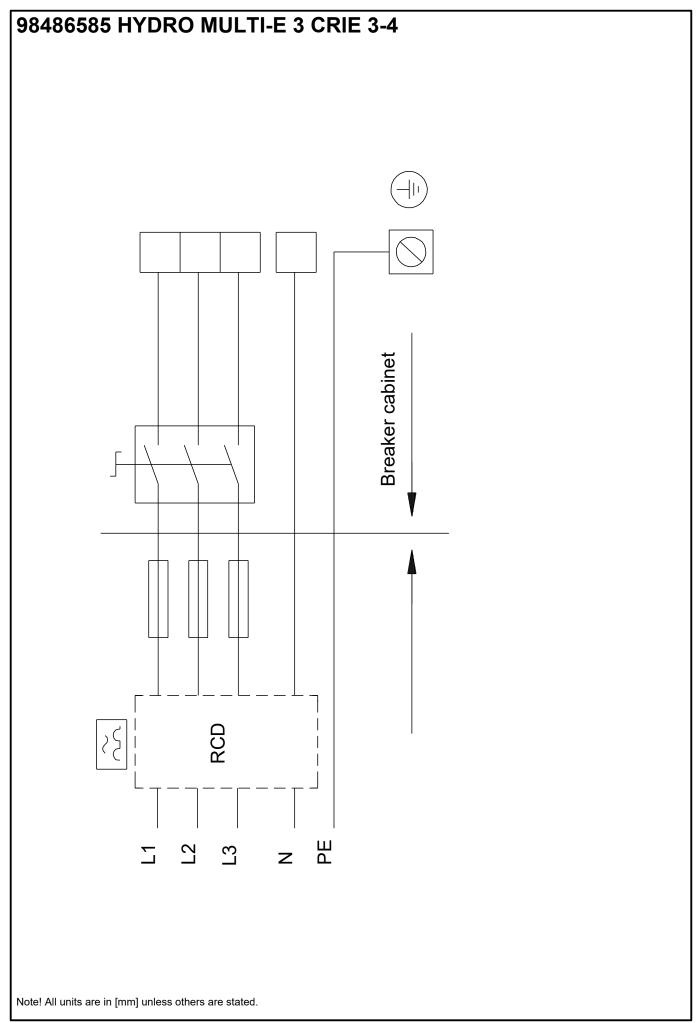


## 98486585 HYDRO MULTI-E 3 CRIE 3-4





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 3 CRIE 3-4	1	98486585	Price on request	
					request	
		1	<u> </u>	<u> </u>		