## Qty. | Description

## 1 HYDRO MULTI-E 3 CRIE 20-2



Note! Product picture may differ from actual product

Product No.: 99133253

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:

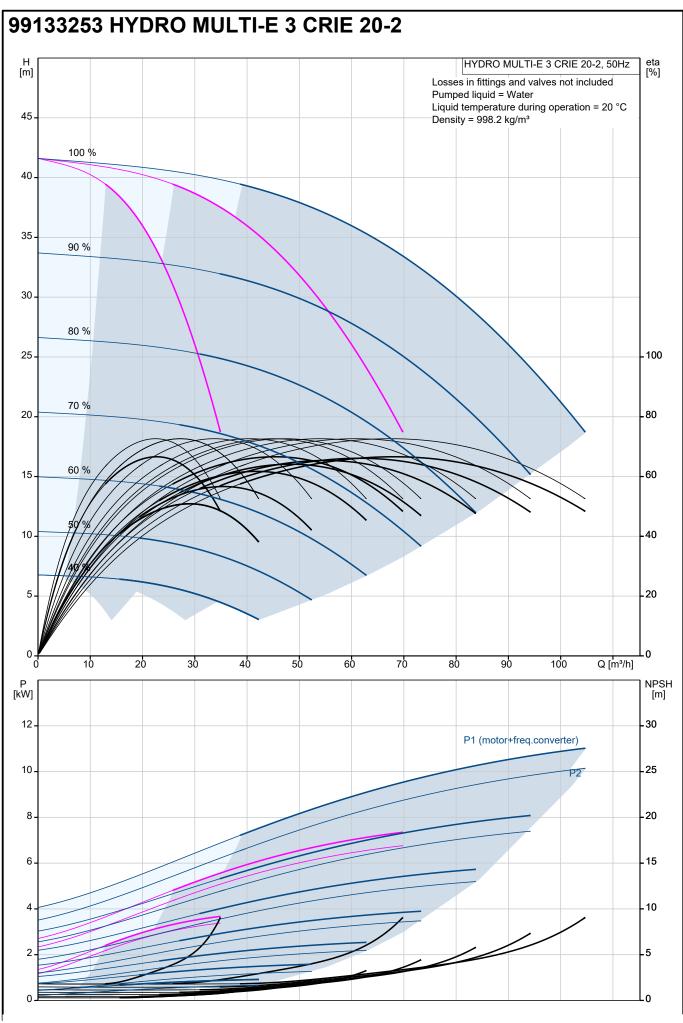
- •LON
- Profibus
- Modbus
- •SMS/GSM/GPRS
- •GRM
- BACnet
- BACnet IP
- •Modbus TCP
- •PROFINET

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

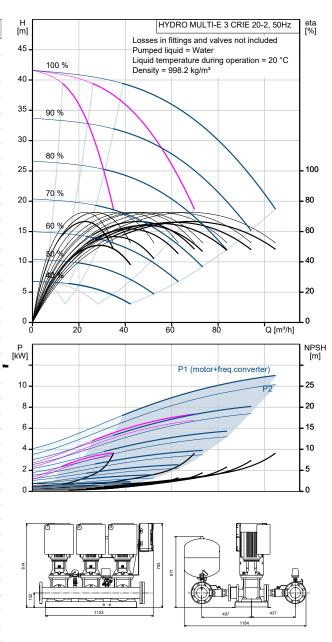
Liquid:

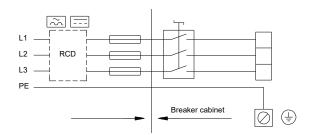
Pumped liquid: Water

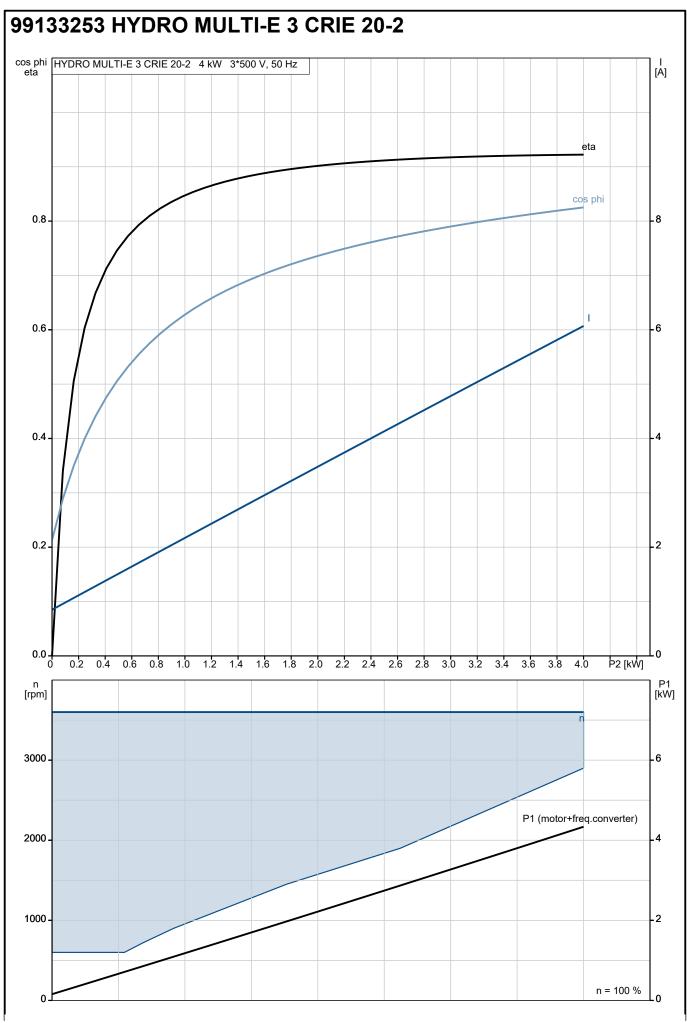
## Qty. Description 5 .. 60 °C Liquid temperature range: Selected liquid temperature: 20 °C Density: 998.2 kg/m<sup>3</sup> Technical: Max flow: 109 m<sup>3</sup>/h Materials: Pump housing: Stainless steel Installation: Maximum operating pressure: 10 bar Maximum permissible inlet pressure: PN 10 bar Flange standard: **DIN2642** Manifold inlet: DN 100 Manifold outlet: DN 100 Electrical data: IE Efficiency class: IE5 Power (P2) main pump: 4 kW Mains frequency: 50 / 60 Hz Rated voltage: 3 x 380-415 V Rated current: 22 A Start. method: electronically Enclosure class (IEC 34-5): IP54 Volume of pressure tank: 18 I Diaphragm tank: Yes Others: Net weight: 276 kg Gross weight: 362 kg 1.2 m<sup>3</sup> Shipping volume: Language: GB Country of origin: GB 84137075 Custom tariff no.:



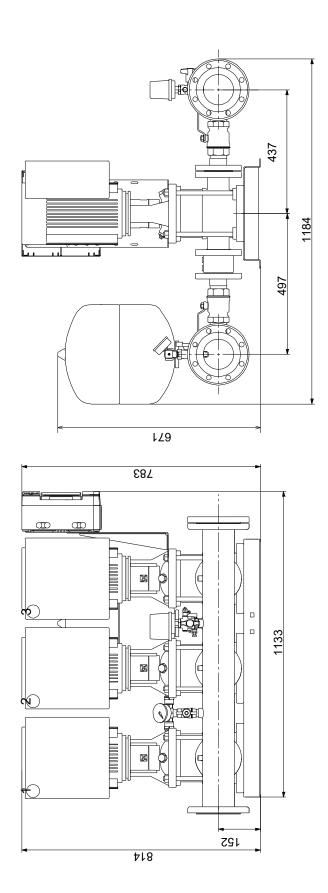
Description	Value		
Description General information:	Value		
	HYDRO MULTI-E 3 CRIE 20-2		
Product name:	TIT DICO MOLTI-L 3 OICL 20-2		
Product No:	99133253		
EAN number:	5712607362065		
Technical:			
Max flow:	109 m³/h		
Min flow system:	8.4 m³/h		
Head max:	42 m		
Pump name:	CRIE 20-2		
Number of pumps:	3		
Materials:			
Pump housing:	Stainless steel		
Manifolds:	Stainless steel		
Installation:			
Maximum operating pressure:	10 bar		
Maximum permissible inlet pressure:	PN 10 bar		
Flange standard:	DIN2642		
Manifold inlet:	DN 100		
Manifold outlet:	DN 100		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	5 60 °C		
Selected liquid temperature:	20 °C		
Density:	998.2 kg/m³		
Electrical data:	<u> </u>		
IE Efficiency class:	IE5		
Power (P2) main pump:	4 kW		
Mains frequency:	50 / 60 Hz		
Rated voltage:	3 x 380-415 V		
Rated current:	22 A		
Start. method:	electronically		
Enclosure class (IEC 34-5):	IP54		
Tank:			
Volume of pressure tank:	18 I		
Diaphragm tank:	Yes		
Others:			
Net weight:	276 kg		
Gross weight:	362 kg		
Shipping volume:	1.2 m³		
Language:	GB		
Country of origin:	GB		
Custom tariff no.:	84137075		



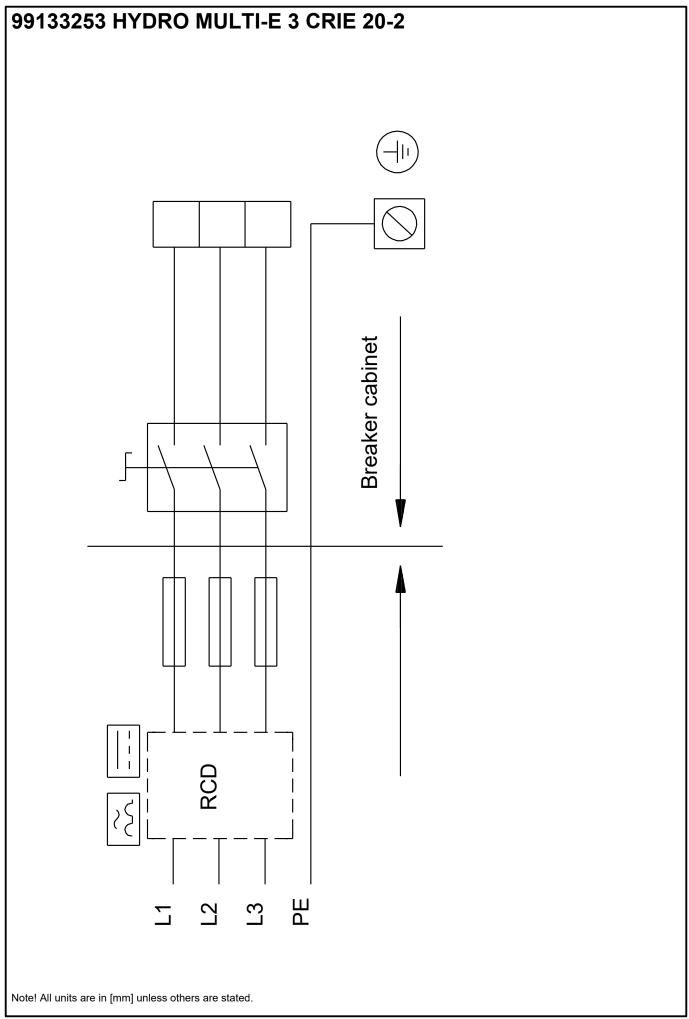




## 99133253 HYDRO MULTI-E 3 CRIE 20-2



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 20-2	1	99133253	Price on request	
					request	
	<u> </u>					