

Qty.	Description
------	-------------

1	Hydro Multi-E 3 CRE 15-5 U2 A-A-I-I-DU
---	--



Note! Product picture may differ from actual product

Product No.: On request

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 consist 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 of black-painted mild steel.

An inlet manifold (AISI 316 or EN 1.4571) and two pressure transmitters mounted on an isolating valve are fitted on the inlet side.

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 outlet manifold (AISI 316 or EN 1.4571) are fitted on the outlet side of the pumps.

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

The Hydro Multi-E is designed for maintaining 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).

The system also features:

- two relay outputs
- two digital inputs (one used for external start and stop)
- two digital configurable inputs and outputs (one used for external start and stop)
- three analogue inputs (one used for outlet pressure and one used for inlet pressure)
- multimaster functionality
- two limit-exceed functions (one used for dry-running protection)
- setpoint impact
- pipe-filling function
- proportional pressure and high-efficiency PM motors.

Available communication protocols:

LON
 PROFIBUS DP
 PROFIBUS IO
 BACnet MS/TP
 BACnet IP
 Modbus RTU
 Modbus TCP



Company name: PT Radco Prima Jaya
Created by: PT Radco Prima Jaya
Phone:
Email: radco.co.id
Date: 05/03/2026

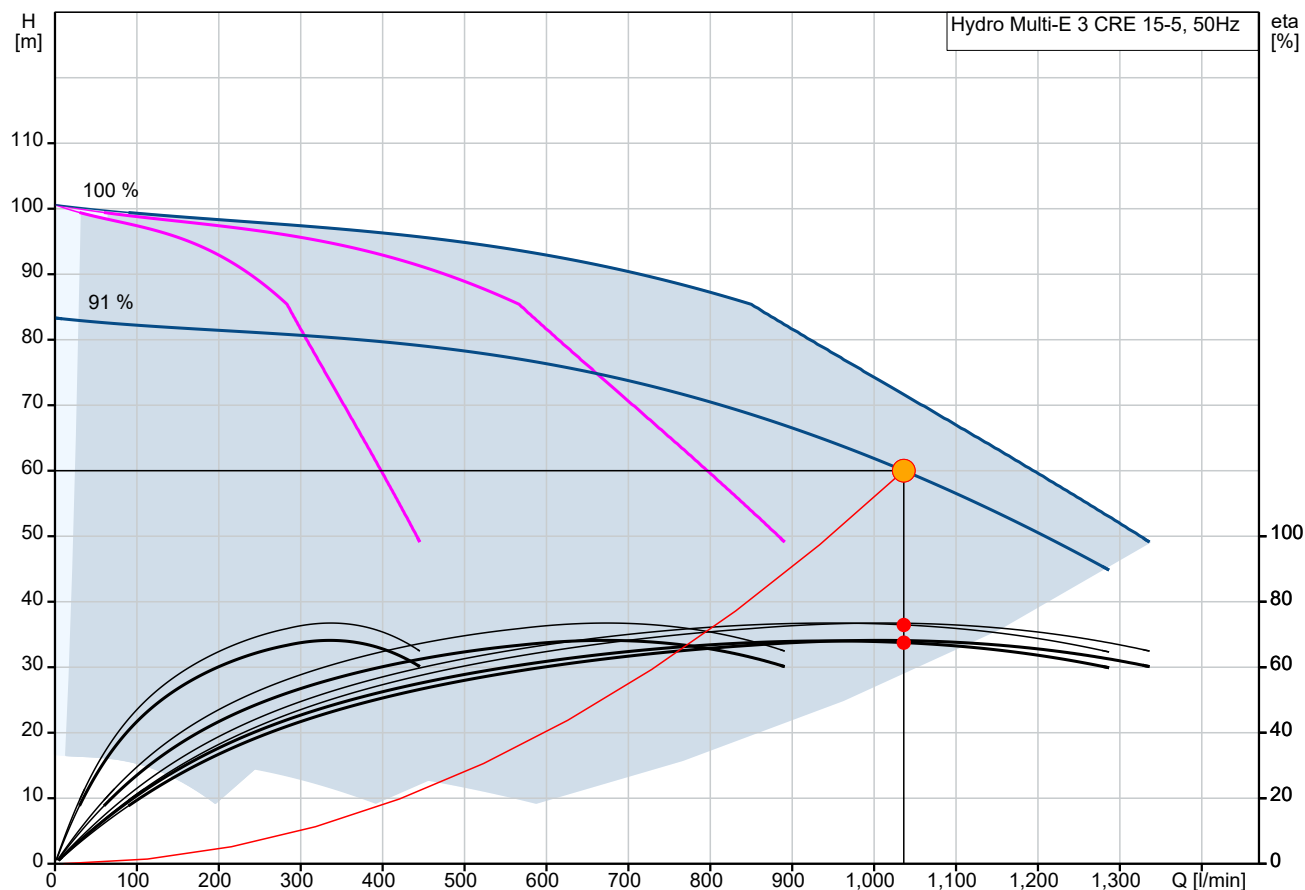
Qty.	Description
1	Ethernet IP Cellular 3G/4G GiC/GRM. When delivered, the Grundfos Hydro Multi-E booster set is factory tested and ready for operation. Liquid: Pumped liquid: Water Liquid temperature range: 5 .. 60 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Kinematic viscosity: 1 mm²/s Technical: Actual calculated flow: 1036 l/min Resulting head of the pump: 60.01 m Materials: Pump housing: Cast iron Installation: Maximum ambient temperature: 40 °C Maximum operating pressure: 16 bar Maximum permissible inlet pressure: PN 16 bar Flange standard: DIN2642 Manifold inlet: DN 100 Manifold outlet: DN 100 Earth connection: PE Electrical data: Power (P2) main pump: 5.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 V Rated current: 32.9 A IE Efficiency class: IE5 Start. method: electronically Enclosure class (IEC 34-5): IP54 Tank: Tank volume: 24 l Diaphragm tank: Yes Others: Net weight: 363 kg Gross weight: 392 kg Shipping volume: 1.44 m³ Language: MULTI Country of origin: SG



Company name: PT Radco Prima Jaya
Created by: PT Radco Prima Jaya
Phone:
Email: radco.co.id
Date: 05/03/2026

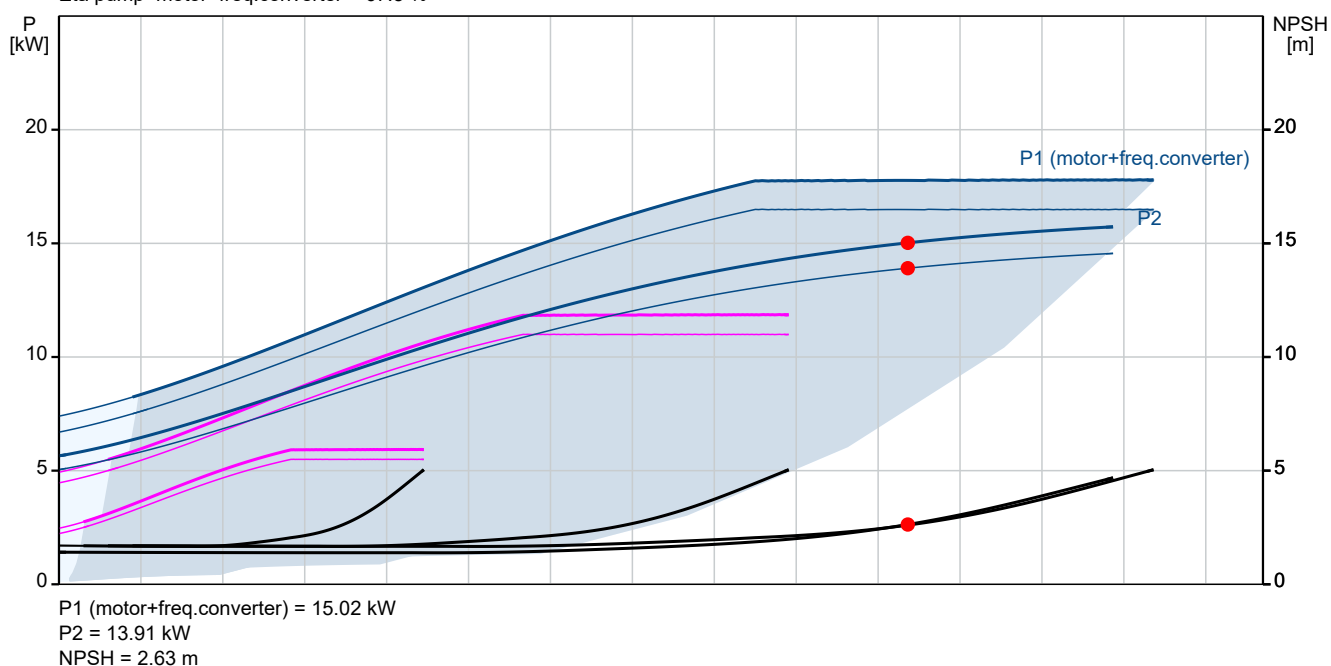
Qty.	Description
1	Custom tariff no.: 84137042

On request Hydro Multi-E 3 CRE 15-5 U2 A-A-I-I-DU 50 Hz



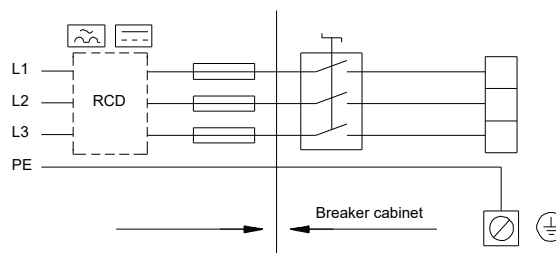
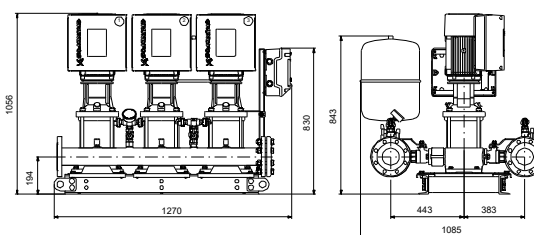
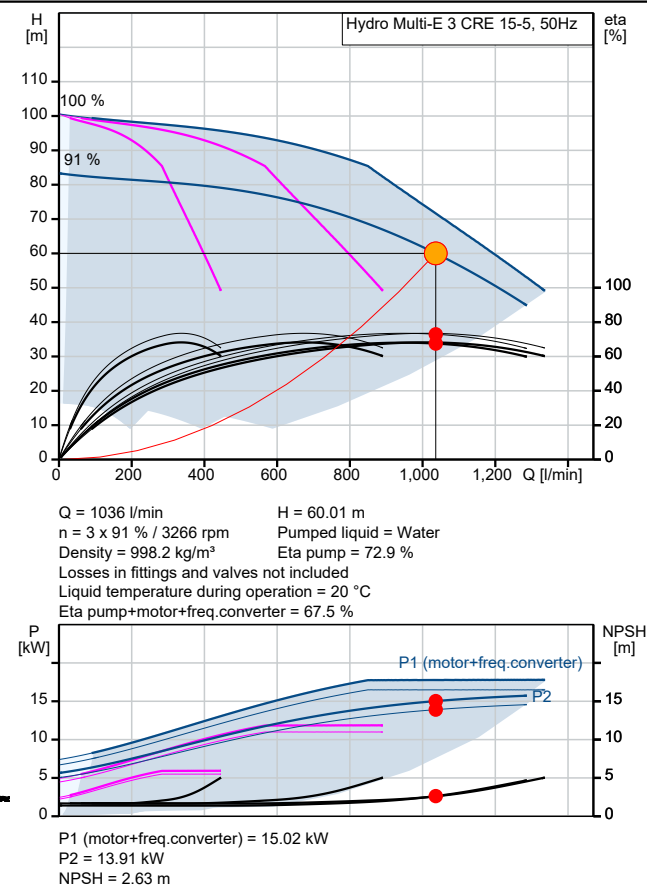
Losses in fittings and valves not included
 H = 60.01 m
 Pumped liquid = Water
 Density = 998.2 kg/m³
 Eta pump+motor+freq.converter = 67.5 %

Q = 1036 l/min
 n = 3 x 91 % / 3266 rpm
 Liquid temperature during operation = 20 °C
 Eta pump = 72.9 %

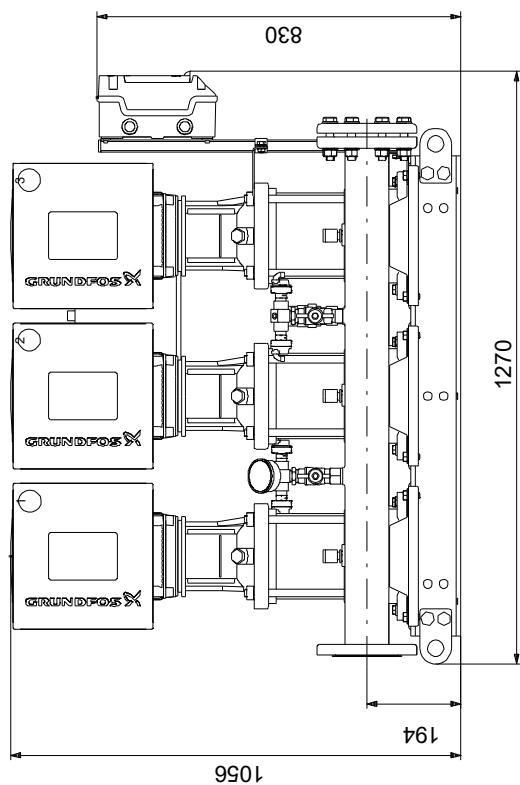
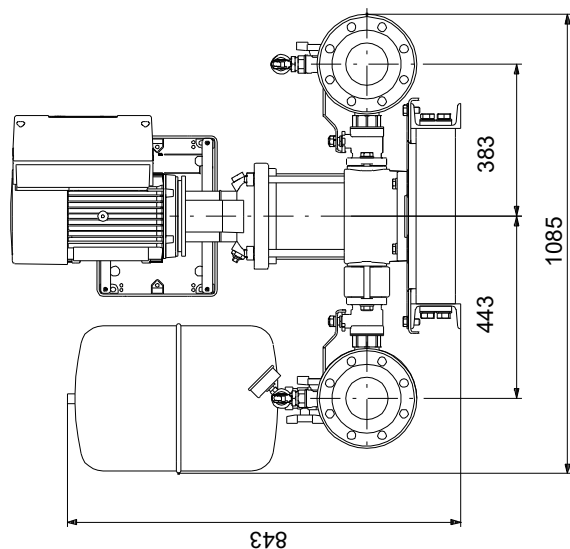


P1 (motor+freq.converter) = 15.02 kW
 P2 = 13.91 kW
 NPSH = 2.63 m

Description	Value
General information:	
Product name:	Hydro Multi-E 3 CRE 15-5 U2 A-A-I-I-DU
Product No:	On request
EAN number:	On request
Technical:	
Actual calculated flow:	1036 l/min
Max. flow:	1400 l/min
Min flow system:	166.7 l/min
Resulting head of the pump:	60.01 m
Max. head:	102 m
Pump name:	CRE 15-5
Number of pumps:	3
Materials:	
Pump housing:	Cast iron
Manifolds:	Stainless steel
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	16 bar
Maximum permissible inlet pressure:	PN 16 bar
Flange standard:	DIN2642
Manifold inlet:	DN 100
Manifold outlet:	DN 100
Earth connection:	PE
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 .. 60 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
Kinematic viscosity:	1 mm ² /s
Electrical data:	
Power (P2) main pump:	5.5 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 V
Rated current:	32.9 A
IE Efficiency class:	IE5
Start. method:	electronically
Enclosure class (IEC 34-5):	IP54
Tank:	
Tank volume:	24 l
Diaphragm tank:	Yes
Others:	
Net weight:	363 kg
Gross weight:	392 kg
Shipping volume:	1.44 m ³
Language:	MULTI
Sales region:	APAC
Country of origin:	SG
Custom tariff no.:	84137042



On request Hydro Multi-E 3 CRE 15-5 U2 A-A-I-I-DU 50 Hz



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