

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

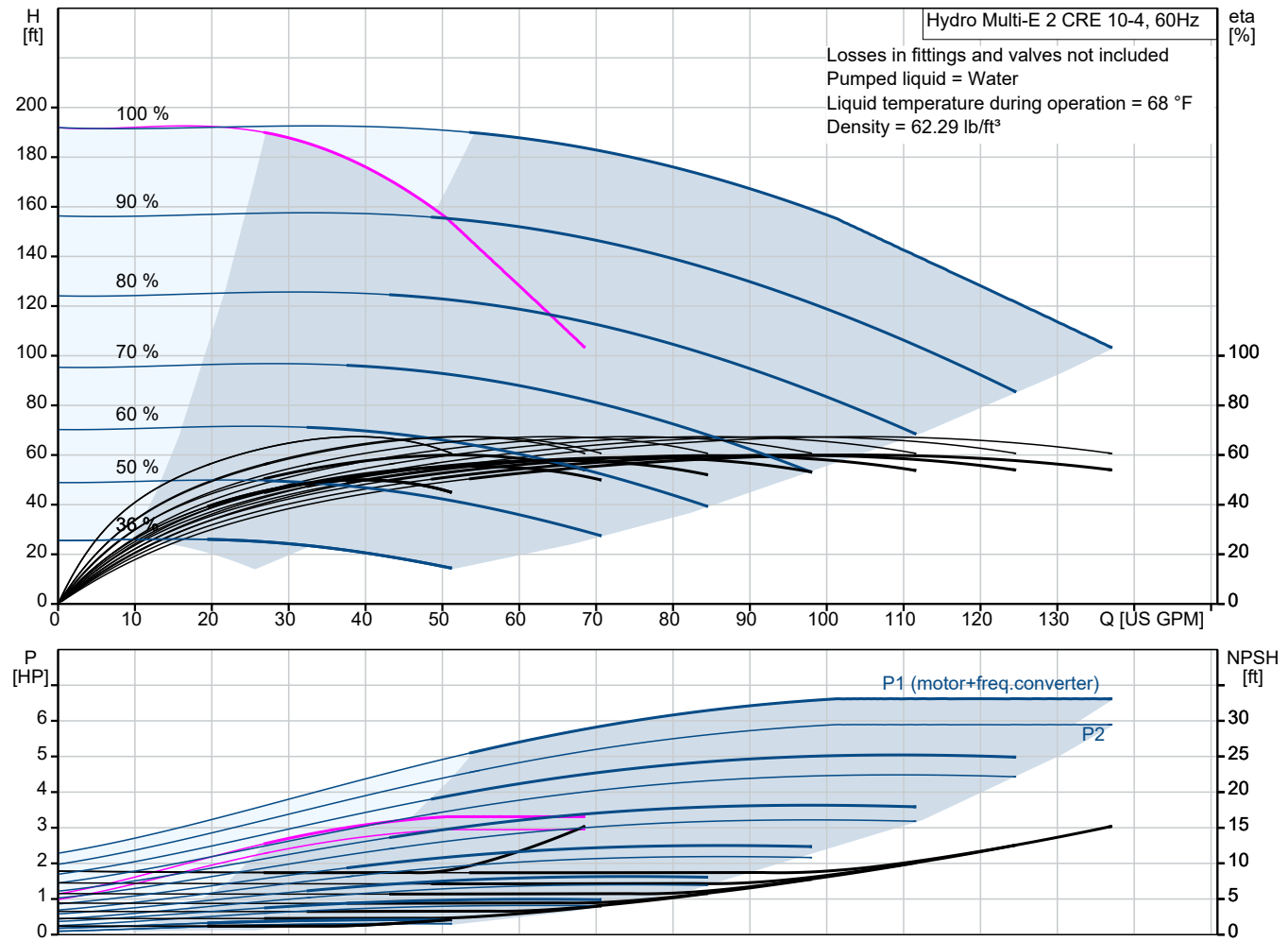


Note! Product picture may differ from actual product

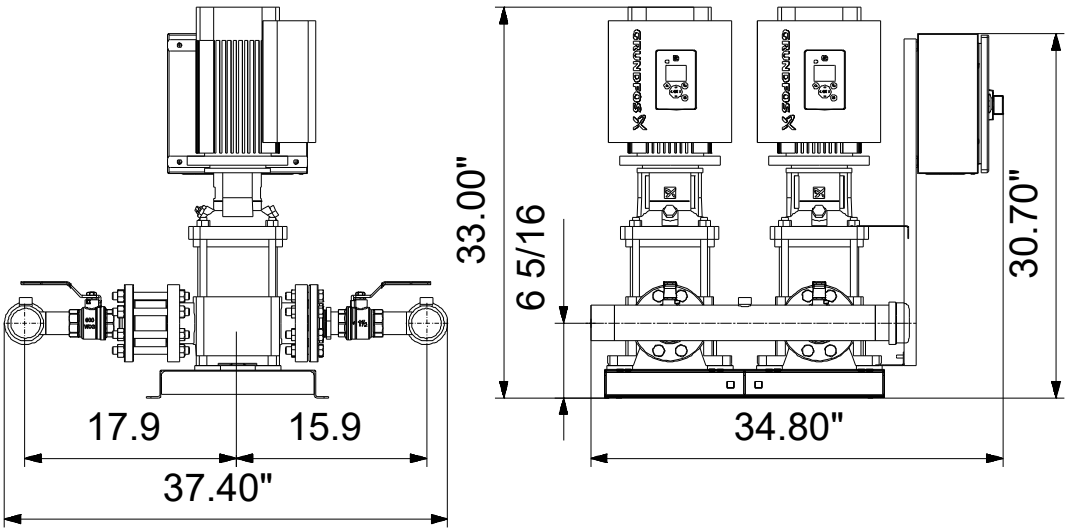
Hydro Multi-E 2 CRE 10-4 UK A-A-A-U-A

Compact pump system with energy efficient integrated VFD/ECM motors with one motor having graphical interface controller for control of pump system. Available with 2-3 parallel connected pumps, single point power connection, and dual master motors for complete pump system control redundancy.

Conditions of Service	Pump Data	Motor Data
Liquid: Water Temperature: 68 °F Specific Gravity: 1.000	Maximum operating pressure: 232.06 psi Liquid temperature range: 41 .. 179.6 °F Maximum ambient temperature: 104 °F Product number: 99445631	Mains frequency: 60 Hz



Submittal Data



Materials:
Pump housing: Cast iron

Qty. Description

1 Hydro Multi-E 2 CRE 10-4 UK A-A-A-U-A



Note! Product picture may differ from actual product

Product No.: [99445631](#)

A GRUNDFOS Hydro Multi-E booster set consists of 2 to 3 speed controlled CR pumps (CRE pumps). Each CRE pump is equipped with an integrated variable frequency drive motor (MLE motor).

- Hydro Multi-E maintains constant pressure through continuous adjustment of the speed of the pumps.
- The system performance is adapted to the demand through cutting in/out the required number of pumps and through parallel control of the pumps in operation.
- Pump cascade control is based on first on first off to ensure equal pump wear.
- All pumps in operation will run at equal speed.

GRUNDFOS Hydro Multi-E booster sets are designed for pressure boosting of clean water in residential/commercial building, municipal, industrial, and irrigation applications.

All motors are capable of system control and two discharge sensors are mounted on discharge manifold as standard. This allows 100% system control redundancy.

The system consists of these parts:

- Single Point Power connection - Disconnect panel with individual pump disconnects inside panel.
- Advanced Control Interface - System controller installed in one pump on system.
- Suction manifold and discharge manifold made of 316 stainless steel.
- Base frame made of 304 stainless steel.
- One non-return valve (check valve), and two isolating valves for each pump.
- Adapter with isolating valve for connection diaphragm tank.
- Pressure gauge on suction and discharge manifolds.
- Pressure transducer on discharge manifold.
- Dry-running protection is standard with use of differential pressure switch on suction manifold.
- Grundfos bus communication with optional gateway connections for LON, Modbus, Profibus, BACnet, GSM

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

Diaphragm tank is available as an accessory.

Controls:

Dry running protection: Pressure switch

Liquid:

Pumped liquid: Water

Liquid temperature range: 41 .. 179.6 °F

Selected liquid temperature: 68 °F

Density: 62.29 lb/ft³

Technical:

Rated flow: 107 US GPM

Rated head: 150.3 ft



Company name:

Created by:

Phone:

Date:

22/05/2025

Qty.	Description
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1	<div>Main pump type: CRE 10-4</div> <div>Materials:<div>Pump housing: Cast iron</div><div>Manifold: Stainless steel</div></div> <div>Installation:<div>Maximum ambient temperature: 104 °F</div><div>Maximum operating pressure: 232.06 psi</div><div>Maximum permissible inlet pressure: 116.03 psi</div><div>Manifold inlet: 2.5" NPT</div><div>Manifold outlet: 2.5" NPT</div></div> <div>Electrical data:<div>Power (P2) main pump: 3 HP</div><div>Mains frequency: 60 Hz</div><div>Rated voltage: 3 x 208-230 V</div><div>Rated current: 16.6 A</div><div>Method of start: E</div><div>Radio interference supression: IEC/CISPR 11-1B</div><div>Number of phases of main pump: 3</div></div> <div>Tank:<div>Diaphragm tank: No</div></div> <div>Others:<div>Net weight: 429 lb</div><div>Gross weight: 652 lb</div><div>Shipping volume: 89.7 ft³</div><div>Country of origin: US</div><div>Custom tariff no.: 8413.70.2040</div></div>
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Description	Value
General information:	
Product name:	Hydro Multi-E 2 CRE 10-4 UK A-A-A-U-A
Product No:	99445631
EAN number:	5713829246843
Price:	
Technical:	
Rated flow:	107 US GPM
Min flow system:	0 US GPM
Max flow system:	141 US GPM
Rated head:	150.3 ft
Maximum head:	192.9 ft
Number of pumps:	2
Main pump type:	CRE 10-4
Materials:	
Pump housing:	Cast iron
Manifold:	Stainless steel
Installation:	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	232.06 psi
Maximum permissible inlet pressure:	116.03 psi
Manifold inlet:	2.5" NPT
Manifold outlet:	2.5" NPT
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	41 .. 179.6 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Power (P2) main pump:	3 HP
Mains frequency:	60 Hz
Rated voltage:	3 x 208-230 V
Rated current:	16.6 A
Method of start:	E
Radio interference suppression:	IEC/CISPR 11-1B
Number of phases of main pump:	3
Controls:	
Dry running protection:	Pressure switch
Tank:	
Diaphragm tank:	No
Others:	
Net weight:	429 lb
Gross weight:	652 lb
Shipping volume:	89.7 ft³
Sales region:	Namreg
Country of origin:	US
Custom tariff no.:	8413.70.2040

