

Submittal Data

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

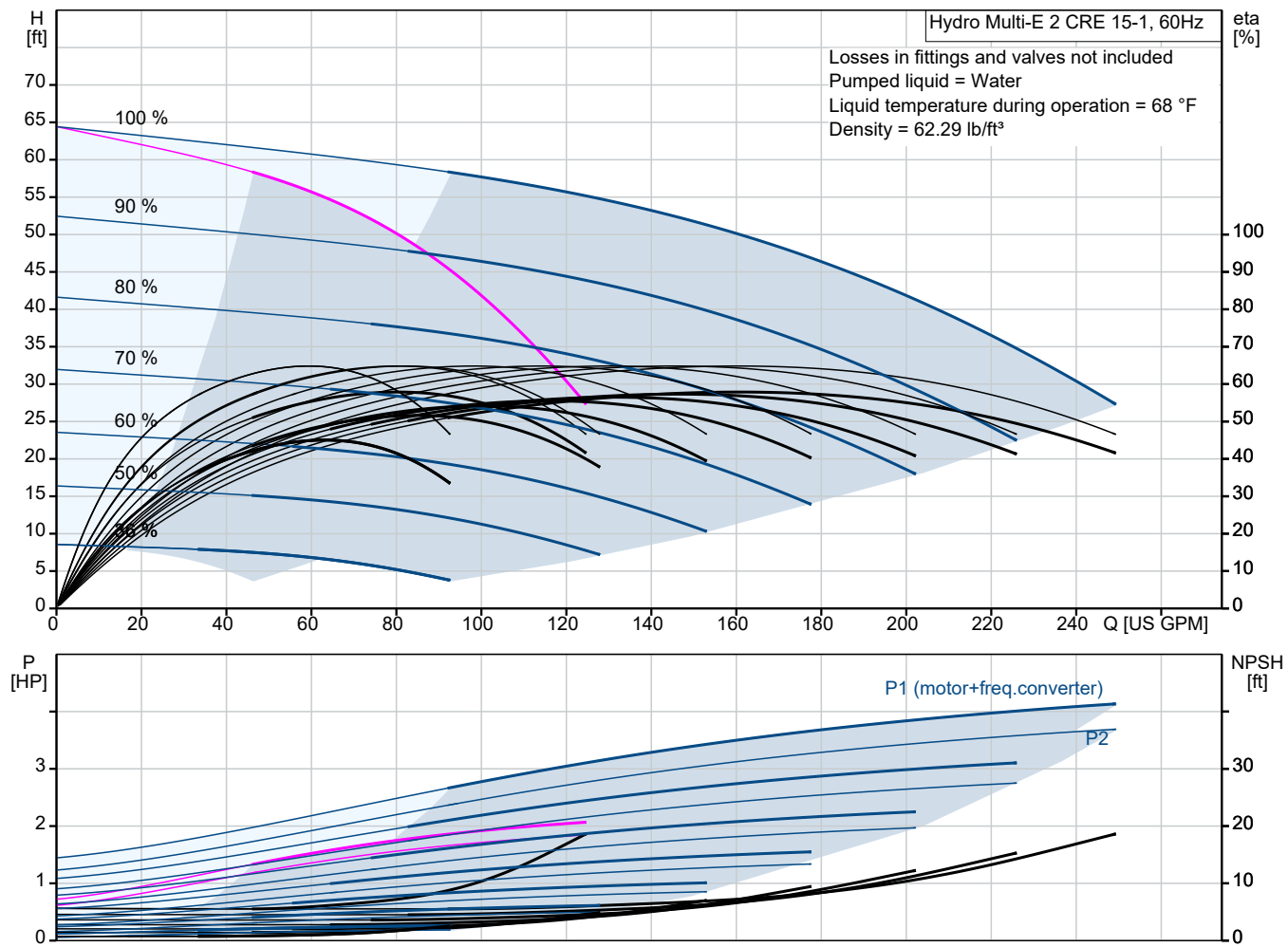


Hydro Multi-E 2 CRE 15-1 UK A-A-A-U-A

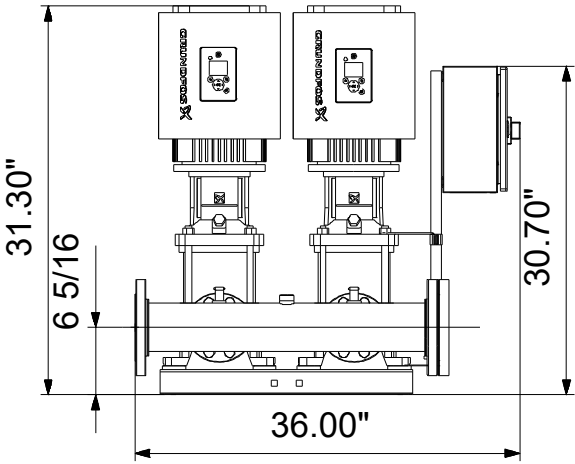
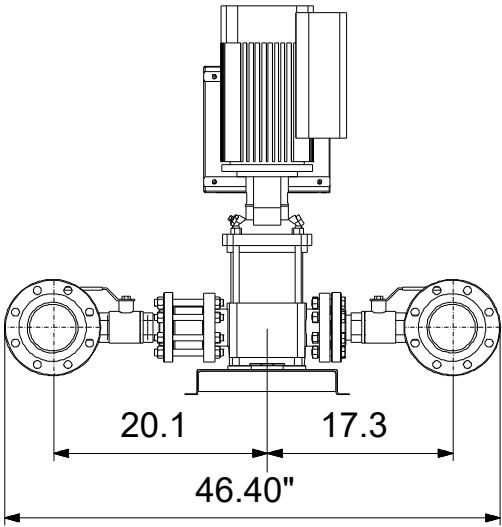
Compact pump system with energy efficient integrated VFD/ECM motors with one motor having graphical interface controller for control of pump system. Available with 2-3 parallel connected pumps, single point power connection, and dual master motors for complete pump system control redundancy.

Note! Product picture may differ from actual product

| Conditions of Service | Pump Data | Motor Data |
|-------------------------|--|------------------------|
| Liquid: Water | Maximum operating pressure: 232.06 psi | Mains frequency: 60 Hz |
| Temperature: 68 °F | Liquid temperature range: 41 .. 179.6 °F | |
| Specific Gravity: 1.000 | Maximum ambient temperature: 104 °F | |
| | Product number: 99445636 | |



Submittal Data



Materials:
Pump housing: Cast iron

Qty. Description

1 Hydro Multi-E 2 CRE 15-1 UK A-A-A-U-A



Note! Product picture may differ from actual product

Product No.: [99445636](#)

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: 159 US GPM

Rated head: 50.5 ft



Company name:

Created by:

Phone:

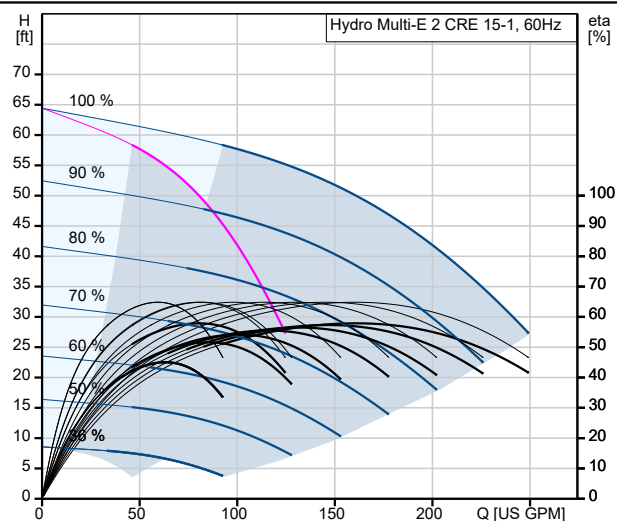
Date:

23/05/2025

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

| | |
|---|---|
| 1 | Main pump type: CRE 15-1 |
| | 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: 4" ANSI |
| | Manifold outlet: 4" ANSI |
| | Electrical data: |
| | Power (P2) main pump: 2 HP |
| | Mains frequency: 60 Hz |
| | Rated voltage: 3 x 208-230 V |
| | Rated current: 11.5 A |
| | Method of start: E |
| | Radio interference suppression: IEC/CISPR 11-1B |
| | Number of phases of main pump: 3 |
| | Tank: |
| | Diaphragm tank: No |
| | Others: |
| | Net weight: 417 lb |
| | Gross weight: 640 lb |
| | Shipping volume: 89.7 ft³ |
| | Country of origin: US |
| | Custom tariff no.: 8413.70.2040 |

| Description | Value |
|-------------------------------------|---------------------------------------|
| General information: | |
| Product name: | Hydro Multi-E 2 CRE 15-1 UK A-A-A-U-A |
| Product No: | 99445636 |
| EAN number: | 5713829246898 |
| Price: | |
| Technical: | |
| Rated flow: | 159 US GPM |
| Min flow system: | 0 US GPM |
| Max flow system: | 242 US GPM |
| Rated head: | 50.5 ft |
| Maximum head: | 63.98 ft |
| Number of pumps: | 2 |
| Main pump type: | CRE 15-1 |
| 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: | 4" ANSI |
| Manifold outlet: | 4" ANSI |
| 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: | 2 HP |
| Mains frequency: | 60 Hz |
| Rated voltage: | 3 x 208-230 V |
| Rated current: | 11.5 A |
| Method of start: | E |
| Radio interference supression: | IEC/CISPR 11-1B |
| Number of phases of main pump: | 3 |
| Controls: | |
| Dry running protection: | Pressure switch |
| Tank: | |
| Diaphragm tank: | No |
| Others: | |
| Net weight: | 417 lb |
| Gross weight: | 640 lb |
| Shipping volume: | 89.7 ft³ |
| Sales region: | Namreg |
| Country of origin: | US |
| Custom tariff no.: | 8413.70.2040 |



Losses in fittings and valves not included
Pumped liquid = Water
Liquid temperature during operation = 68 °F
Density = 62.29 lb/ft³

