

Count	Description
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1	Hydro Multi-E 2 CRE 5-6
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Product photo could vary from the actual product

Product No.: [99445626](#)

A GRUNDFOS Hydro Multi-E booster set consists of 2 to 4 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.

The control of the Hydro Multi-E system is accomplished through Proportional-Integral control via a multi-pump controller card mounted in one of the MLE motors.

The Hydro Multi-E system start/stop and set-point adjustment is possible through the use of two push buttons located on the MLE motor or with the R100 remote controller.

The system consists of these parts:

- 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.
- A service disconnect switch located in a NEMA 3R enclosure is mounted to each pump for ease of service.
- 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.

Liquid:

Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft ³

Materials:

Pump housing:	Cast iron
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Installation:

Maximum operating pressure:	232.06 psi
Maximum permissible inlet pressure:	145.04 psi
Manifold inlet:	2" NPT
Manifold outlet:	2" NPT

Electrical data:

Power (P2) main pump:	2 HP
Main frequency:	60 Hz
Rated voltage:	3 x 208-230 V
Rated voltage main pump:	3 x 230 V



Company name:

Created by:

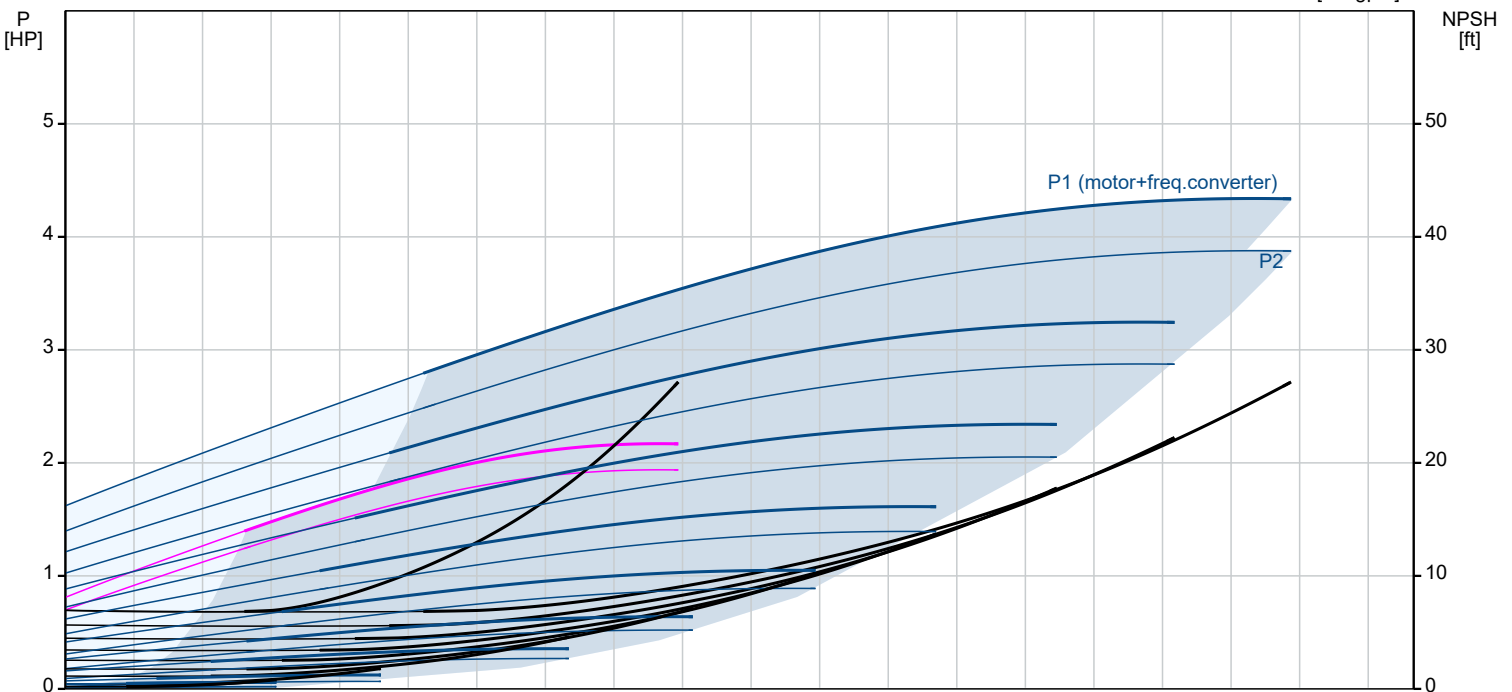
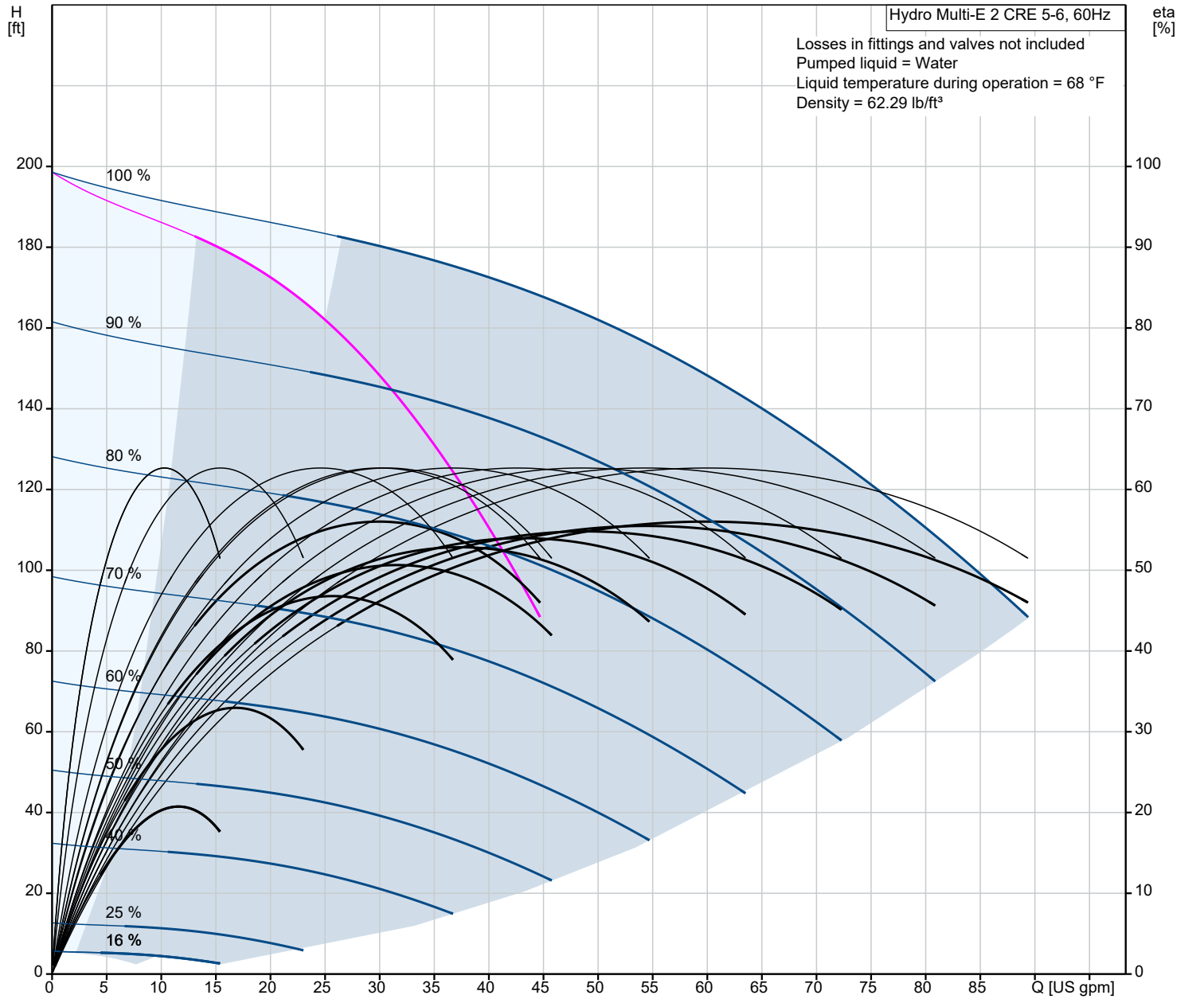
Phone:

Date:

4/5/2022

Count	Description
	Rated current: 11.5 A Start. method: electronically Radio interference supression: IEC/CISPR 11-1B
	Tank: Diaphragm tank: No
	Others: Net weight: 245 lb Gross weight: 337 lb Shipping volume: 33.9 ft ³

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