

PROJECT:	Hurley Engineering Web Design Assist	UNIT TAG:	BP-1	QUANTITY:	1
REPRESENTATIVE:	Hurley Engineering Company	TYPE OF SERVICE:	Domestic Water	DATE:	_____
ENGINEER:	To Be Determined	SUBMITTED BY:	Devin Carle-Hurley Engineering	DATE:	_____
CONTRACTOR:	To Be Determined	APPROVED BY:	_____	DATE:	_____
		ORDER NO.:	800-861-7122	DATE:	_____



Product photo could vary from the actual product

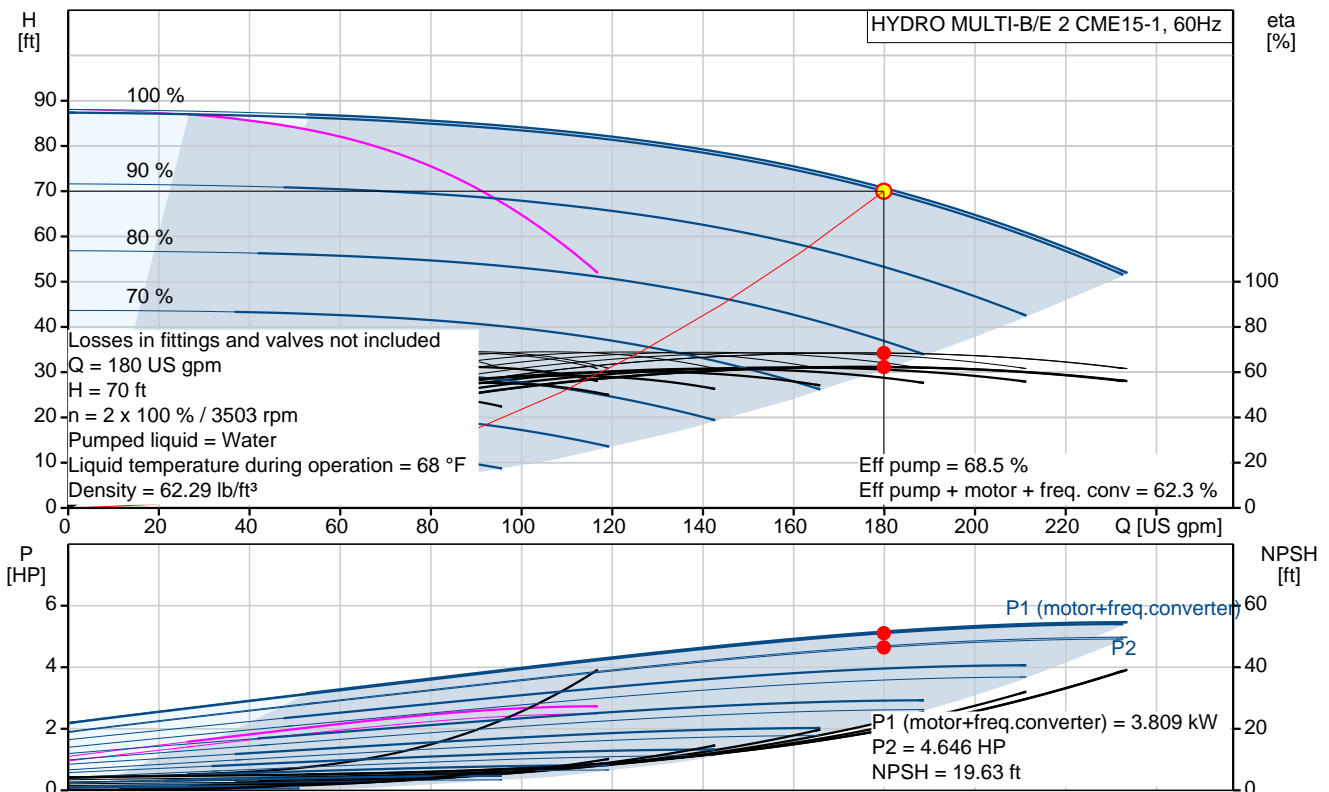
HYDRO MULTI-B/E 2 CME15-1

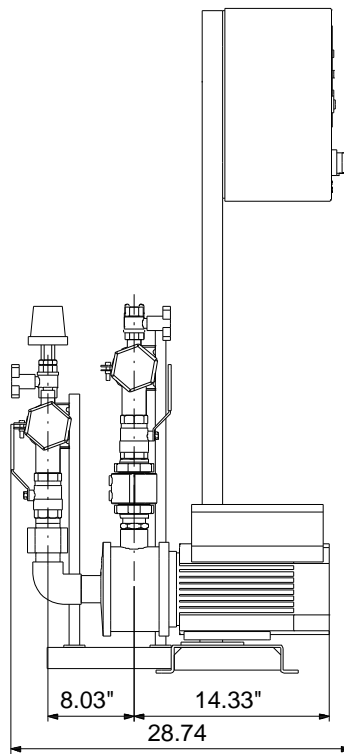
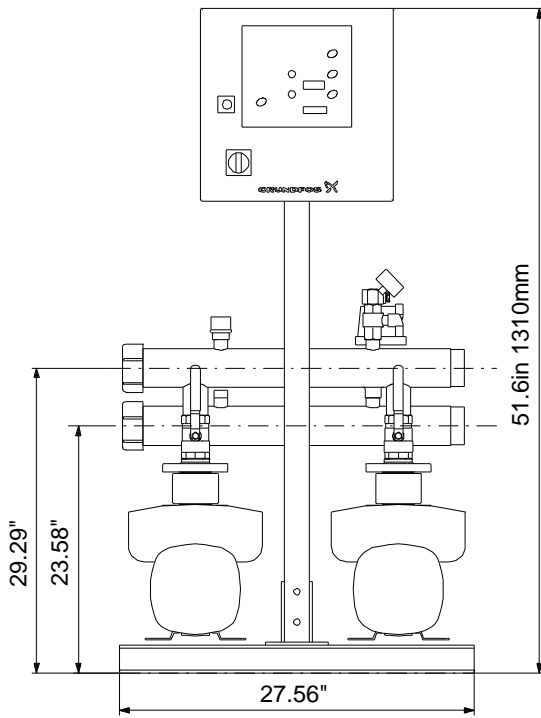
Booster systems with frequency-controlled pumps



HURLEY ENGINEERING
MANUFACTURERS REPRESENTATIVES

Conditions of Service		Pump Data		Motor Data	
Flow:	180 US gpm	Maximum operating pressure:	145 psi	Rated voltage:	460-480 V
Head:	70 ft	Liquid temperature range:	32 .. 140 °F	Main frequency:	60 Hz
Efficiency:	62.3 %	Pipe connection:	3ANSI		
Liquid:	Water	Product number:	91149131		
Temperature:	68 °F				
NPSH required:	19.63 ft				
Viscosity:	_____				
Specific Gravity:	1.000				





Materials:

Pump: EN-GJL-200

Manifolds: EN/DIN 1.4571/ AISI 316 TI

Count	Description
1	<p>HYDRO MULTI-B/E 2 CME15-1</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 91149131</p> <p>Pressure booster system designed and manufactured by Grundfos. Delivered on a common base plate, completely assembled and tested before it leaves the factory and ready for connection of water and electricity.</p> <p>All pumps are Grundfos CME pumps with integrated frequency drives connected in parallel and operated in cascade.</p> <p>The booster maintains a constant pressure through continuous adjustment of speed of the pumps and starting and stopping the pumps to meet the required flow.</p> <p>The system consists of:</p> <ul style="list-style-type: none">-2 horizontal multistage pumps with integrated frequency converter, type CME15-1-A suction and a discharge manifold in EN/DIN 1.4571/ AISI 316 TI-One non-return valve per pump placed on the discharge side as standard.-Two isolating valves and a clamp ring per pump for easy service and inspection of the pumps.-Pressure sensor and gauge.-CU323 Pump controller for controlling parallel coupled pumps in cascade. <p>Optional equipment:</p> <ul style="list-style-type: none">-Redundant Primary Sensor-Water Shortage Protection-Non return valve on suction side.-Communication Modules for LON, BACnet, Modbus and GSM-Phase Failure monitoring-Beacon-Audible alarm-External transformer-High / Low Level alarm-System in operation indicating lamp-Alarm indicating lamp <p>Accessories:</p> <ul style="list-style-type: none">-Level Switch 5 meter cable-Level Switch 10 meter cable-Extra documentation <p>Functions and features of the CU323 Pump controller:</p> <ul style="list-style-type: none">-Constant pressure control-Automatic cascade control-Automatic alternation between pumps



Company name:

Created by:

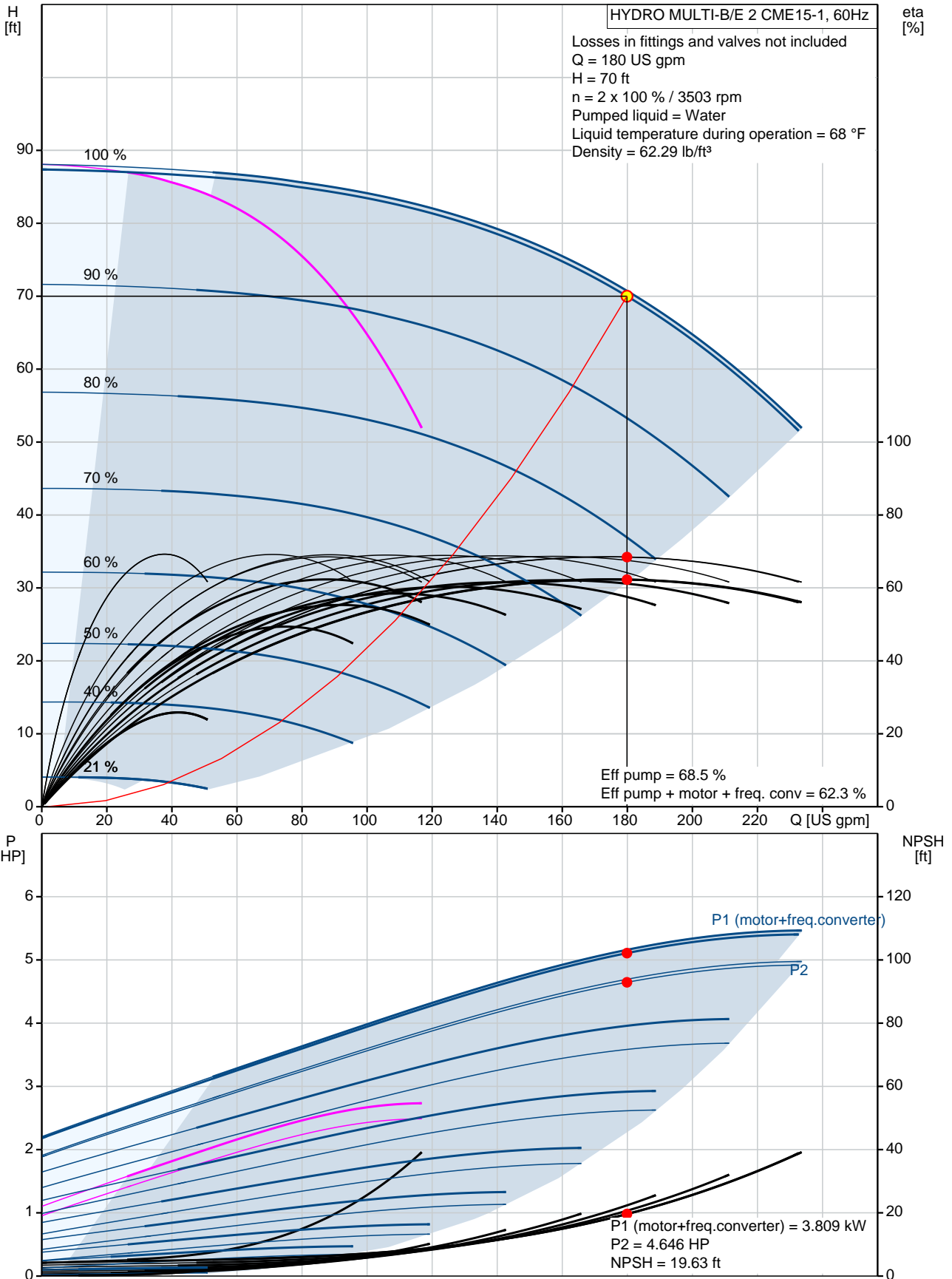
Phone:

Date:

2/8/2019

Count	Description
	<ul style="list-style-type: none">-Stop function-High Pressure Protection-Sensor Fault Protection-Motor Protection-Standby pumps-Automatic Display Lock-External Start / Stop (potential free contacts)-Easy to use HMI with 2 displays for set-point and process value-2 digital outputs,-Auto / manual control of pumps-Optional bus communication-Optional Safe Tank filling sequence-Optional monitoring of inlet pressure by means of inlet sensor
	Technical data: Rated Flow: 180 US gpm Rated Head: 69.56 ft Liquid temperature: 0 – 140 °F Max Pressure : 145 psi
	Pump Material: EN-GJL-200 Shaft Seal: AQQE (SiC/SiC/EPDM)
	Mains Supply: 460-480 V
	Starting Method CME pump: electronically Power of CME pump: 3 HP
	Size of manifold connection: 3ANSI Net Weight: 300 lb Gross Weight: 523 lb

91149131 HYDRO MULTI-B/E 2 CME15-1 60 Hz



Description	Value
General information:	
Product name:	HYDRO MULTI-B/E 2 CME15-1
Product No.:	91149131
EAN:	5711490041385
Technical:	
Actual calculated flow:	180 US gpm
Min flow system:	26.4 US gpm
Resulting head of the pump:	70 ft
Head max:	83.99 ft
Main pump name:	CME15-1
Main pump Number:	98396746
Number of pumps:	2
Model:	A
Materials:	
Pump:	EN-GJL-200
Manifolds:	EN/DIN 1.4571/ AISI 316 TI
Installation:	
Maximum operating pressure:	145 psi
Pipe connection:	3ANSI
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 140 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft ³
Electrical data:	
Power (P2) main pump:	3 HP
Main frequency:	60 Hz
Rated voltage:	3 x 460-480 V
Starting main:	electronically
Rated current of system:	8.5 A
Controls:	
Control type:	E
Operation unit:	CU323-2
Tank:	
Diaphragm tank:	No
Others:	
Net weight:	300 lb
Gross weight:	523 lb
Product range:	NAMREG
Custom tariff no.:	8413.70.2040

