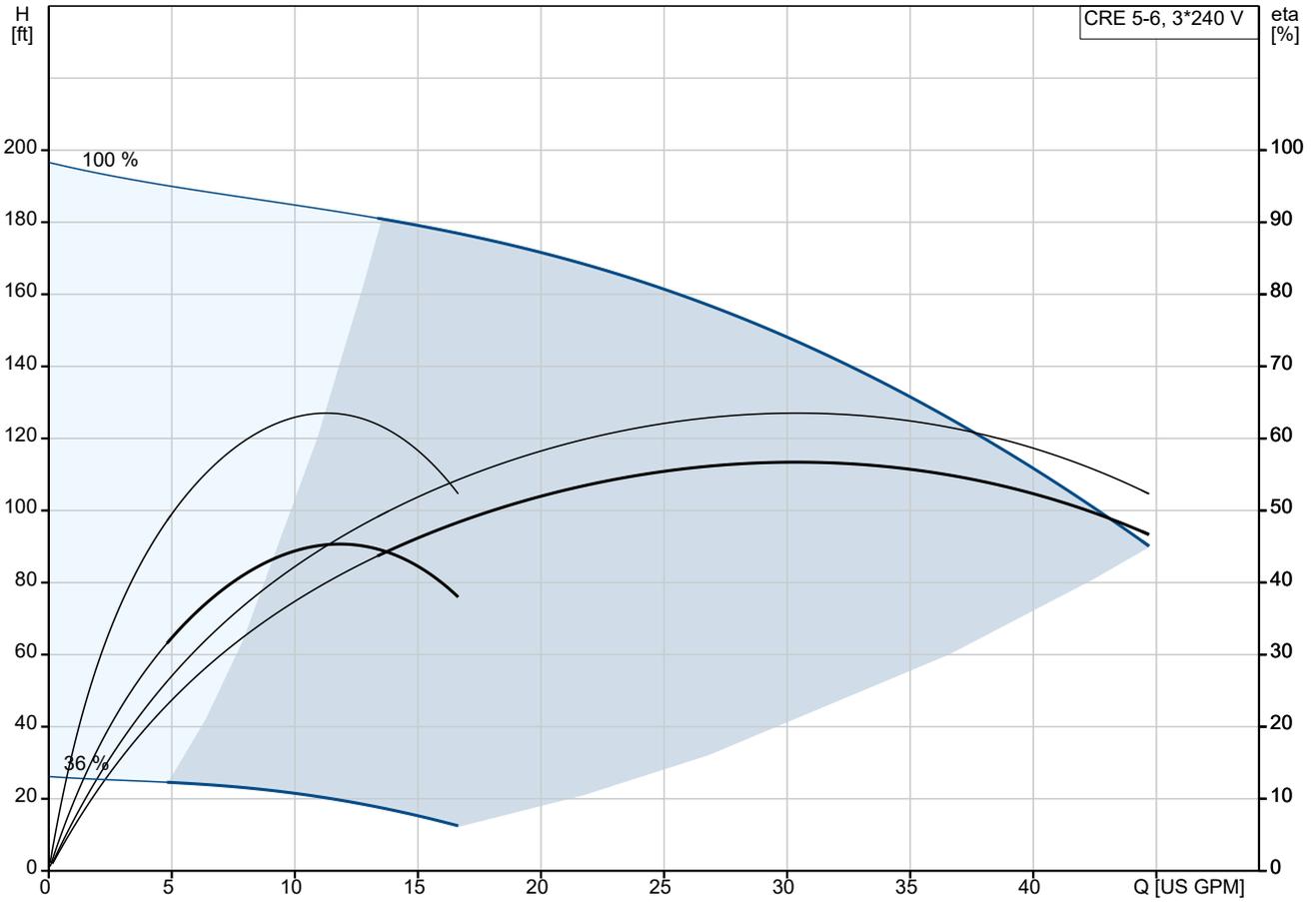


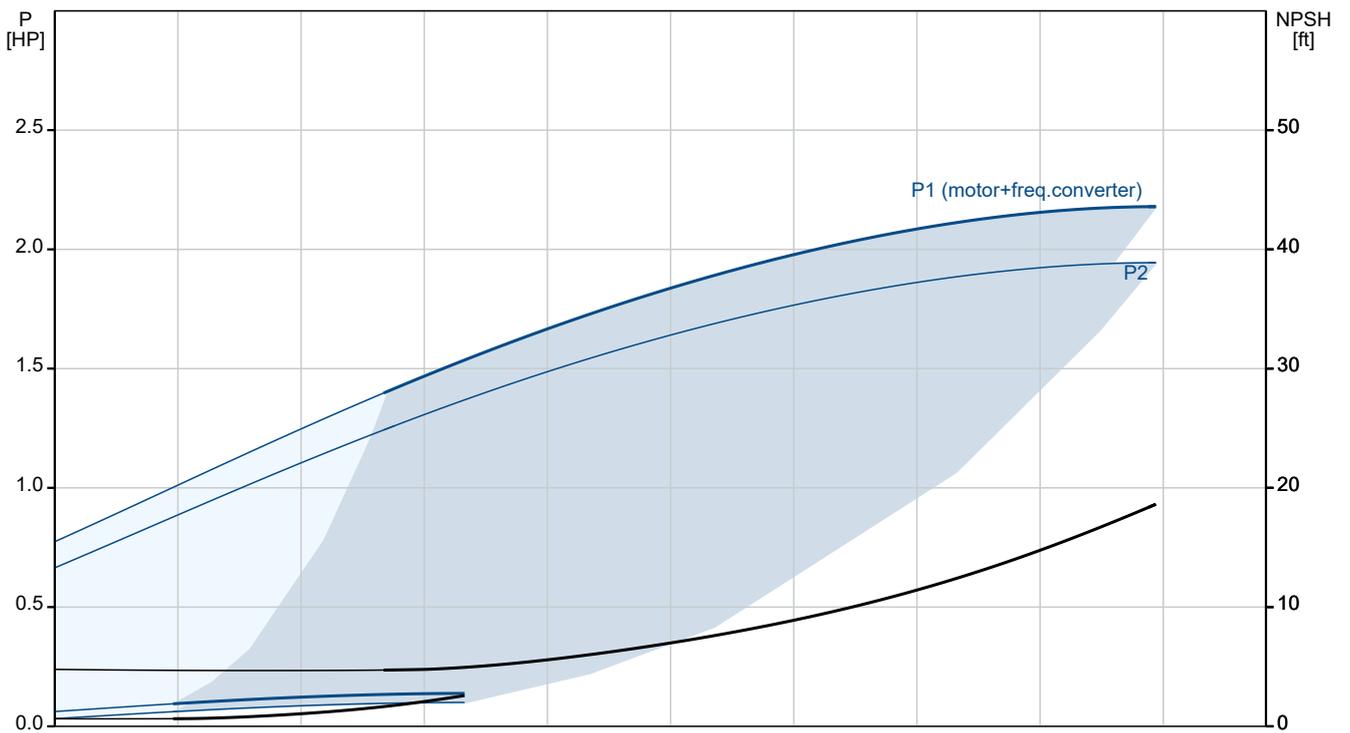
Qty.	Description
1	<p><b>CRE 5-6 P-B-A-E-HQQE</b> Product No.: <a href="#">99391826</a></p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via oval flanges with internal NPT threads.</p> <p>The pump is fitted with a 3-phase, fan-cooled, permanent-magnet, synchronous motor. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.</p> <p>The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement. The operating panel on the motor terminal box features a four-inch TFT display, push-buttons and the Grundfos Eye indicator.</p> <p>The display gives an intuitive and user-friendly interface to all functions.</p> <p>The push-buttons are used to navigate through the menu structure to access pump and performance data on site and enable setting of required setpoint as well as setting of pump to "Min." or "Max." operation or to "Stop".</p> <p>The Grundfos Eye indicator on the operating panel provides visual indication of pump status:</p> <ul style="list-style-type: none"> <li>• "Power on": Motor is running (rotating green indicator lights) or not running (permanently green indicator lights)</li> <li>• "Warning": Motor is still running (rotating yellow indicator lights) or has stopped (permanently yellow indicator lights)</li> <li>• "Alarm": Motor has stopped (flashing red indicator lights).</li> </ul> <p>Communication with the pump is also possible by means of Grundfos GO Remote (accessory). The remote control enables further settings as well as reading out of a number of parameters such as "Actual value", "Speed", "Power input" and total "Power consumption".</p> <p>The terminal box has a number of inputs and outputs enabling the motor to be used in advanced applications where many inputs and outputs are required:</p> <ul style="list-style-type: none"> <li>• two dedicated digital inputs</li> <li>• three analog inputs, 0(4)-20 mA, 0-5 V, 0-10 V, 0.5-3.5 V</li> <li>• 5 V voltage supply to potentiometer and sensor</li> <li>• one analog output, 0-10 V, 0(4)-20 mA</li> <li>• two configurable digital inputs or open-collector outputs</li> <li>• two Pt100/Pt1000 inputs</li> <li>• LiqTec, dry-running protection sensor input</li> <li>• Grundfos Digital Sensor input and output</li> <li>• 24 V voltage supply for sensors</li> <li>• two signal-relay outputs (potential-free contacts)</li> <li>• GENIbus connection</li> <li>• interface for Grundfos CIM fieldbus module.</li> </ul> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -4 .. 248 °F</p> <p>Selected liquid temperature: 68 °F</p> <p>Density: 62.29 lb/ft<sup>3</sup></p> <p>Technical:</p> <p>Pump speed on which pump data are based: 3452 rpm</p> <p>Rated flow: 30.4 US GPM</p> <p>Rated head: 147.6 ft</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Code for shaft seal: HQQE</p> <p>Approvals: CURUS</p> <p>Approvals for drinking water: NSF/ANSI 61</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Base: Cast iron</p>

Qty.	Description
1	<p>EN 1561 EN-GJL-200 ASTM A48-25B</p> <p>Impeller: Stainless steel EN 1.4301 AISI 304</p> <p>Bearing: SIC</p> <p>Installation: Maximum ambient temperature: 104 °F Maximum operating pressure: 232.06 psi Max pressure at stated temp: 232 psi / 250 °F 232 psi / -4 °F</p> <p>Type of connection: Oval / NPT(F) Size of inlet connection: 1 1/4 inch Size of outlet connection: 1 1/4 inch Pressure rating for connection: PN 16 Flange size for motor: 56C</p> <p>Electrical data: Motor standard: NEMA Motor type: 90C Rated power - P2: 2 HP Power (P2) required by pump: 2 HP Over/undersize motor: 1 step undersized motor Mains frequency: 60 Hz Rated voltage: 3 x 200-240 V Service factor: 1.00 Rated current: 5.40-4.60 A Cos phi - power factor: 0.92 Rated speed: 360-4000 rpm IE Efficiency class: IE5 Motor efficiency at full load: 88.9 % Enclosure class (IEC 34-5): IP55 Insulation class (IEC 85): F Motor No: 99301706</p> <p>Controls: Frequency converter: Built-in Pressure sensor: N</p> <p>Others: Terminal box position: 6 Net weight: 66.6 lb Gross weight: 150 lb Shipping volume: 6.11 ft³</p>

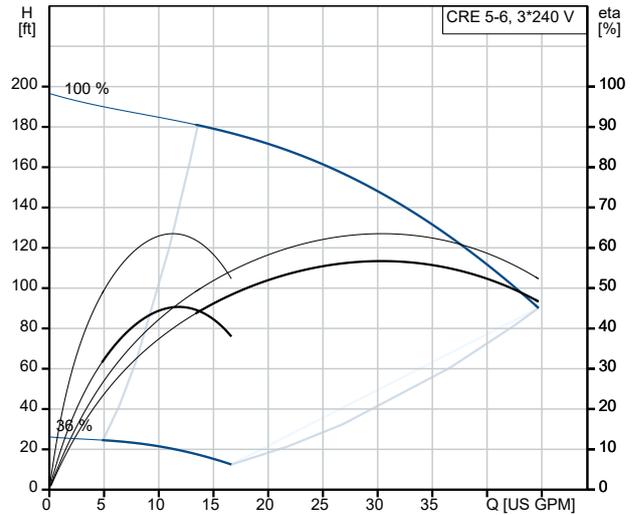
## 99391826 CRE 5-6 P-B-A-E-HQQE 60 Hz



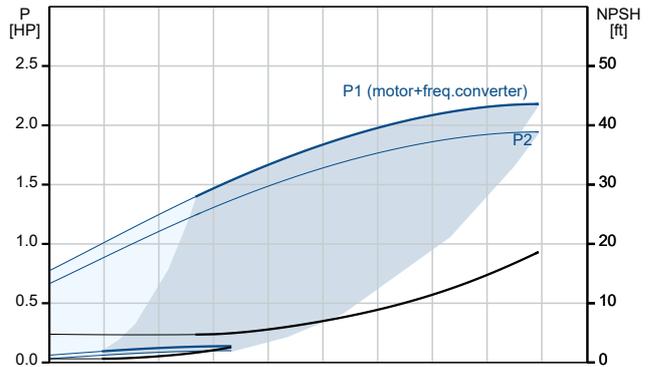
Pumped liquid = Water  
 Liquid temperature during operation = 68 °F  
 Density = 62.29 lb/ft³



Description	Value
<b>General information:</b>	
Product name:	CRE 5-6 P-B-A-E-HQQE
Product No:	99391826
EAN number:	5713828365729
<b>Technical:</b>	
Pump speed on which pump data are based:	3452 rpm
Rated flow:	30.4 US GPM
Rated head:	147.6 ft
Maximum head:	203.8 ft
Stages:	6
Impellers:	6
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CURUS
Approvals for drinking water:	NSF/ANSI 61
Curve tolerance:	ISO9906:2012 3B
Pump version:	P
Model:	A
<b>Materials:</b>	
Base:	Cast iron
Base:	EN 1561 EN-GJL-200
Base:	ASTM A48-25B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	232.06 psi
Max pressure at stated temp:	232 psi / 250 °F
Max pressure at stated temp:	232 psi / -4 °F
Type of connection:	Oval / NPT(F)
Size of inlet connection:	1 1/4 inch
Size of outlet connection:	1 1/4 inch
Pressure rating for connection:	PN 16
Flange size for motor:	56C
Connect code:	B
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-4 .. 248 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	NEMA
Motor type:	90C
Rated power - P2:	2 HP
Power (P2) required by pump:	2 HP
Over/undersize motor:	1 step undersized motor
Mains frequency:	60 Hz
Rated voltage:	3 x 200-240 V
Service factor:	1.00



Pumped liquid = Water  
 Liquid temperature during operation = 68 °F  
 Density = 62.29 lb/ft<sup>3</sup>





Company name:

Created by:

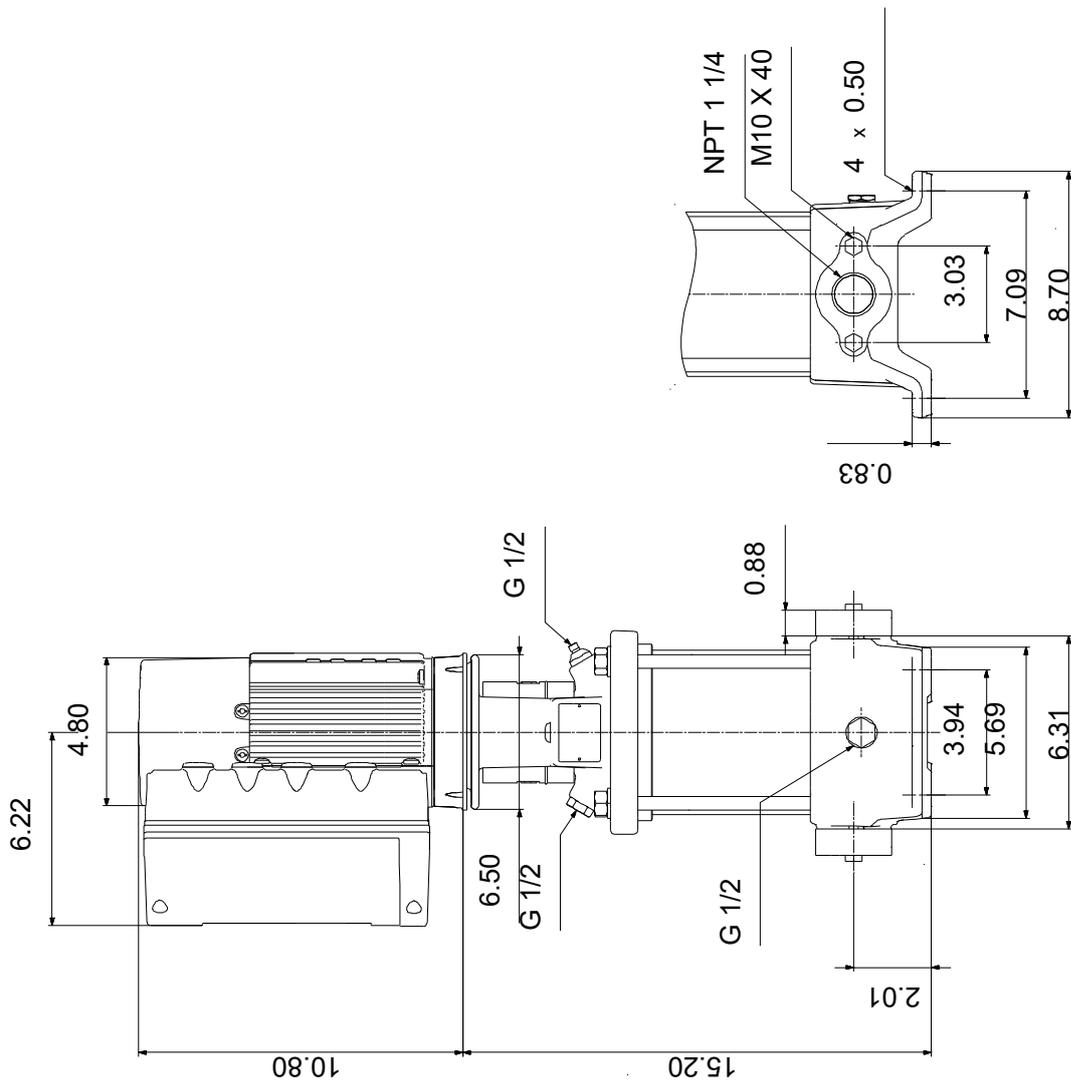
Phone:

Date:

22/04/2024

Description	Value
Rated current:	5.40-4.60 A
Cos phi - power factor:	0.92
Rated speed:	360-4000 rpm
IE Efficiency class:	IE5
Motor efficiency at full load:	88.9 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	ELEC
Motor No:	99301706
<b>Controls:</b>	
Control panel:	Graphical
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Pressure sensor:	N
<b>Others:</b>	
Terminal box position:	6
Net weight:	66.6 lb
Gross weight:	150 lb
Shipping volume:	6.11 ft <sup>3</sup>
Config. file no:	99304163

## 99391826 CRE 5-6 P-B-A-E-HQQE 60 Hz



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