

For Grundfos  
Distributors  
ONLY

# DEMAND MORE FROM YOUR BUILDING

## CR 1,750 RPM PUMP PROGRAM

With our CR vertical inline multistage pump, we've delivered the industry leader in reliability and efficiency for more than 45 years. But we've never stopped imagining ways we can serve you – and your commercial building applications – even better.

With 35 in-demand CR models the CR 1750 RPM Program is the next step in delivering better efficiency, reliability, and comfort when you need it!



### Key Features and Benefits

- CR pumps serve most commercial building applications
- Increased reliability reduces maintenance requirements and extends pump life
- Energy-efficient to reduce utility bills and life-cycle costs
- Smart pump systems with integrated design for easy install and start up
- Compact design fits into small footprint, saving space in mechanical rooms
- Low noise and vibration make CR 1750's ideal for both living and work spaces

**Place Your CR 1,750 RPM Order in Extranet Today!**

*\*Replenishment time could be involved if orders greatly exceed stocking levels and demand planning.*

be  
think  
innovate

**GRUNDFOS** 

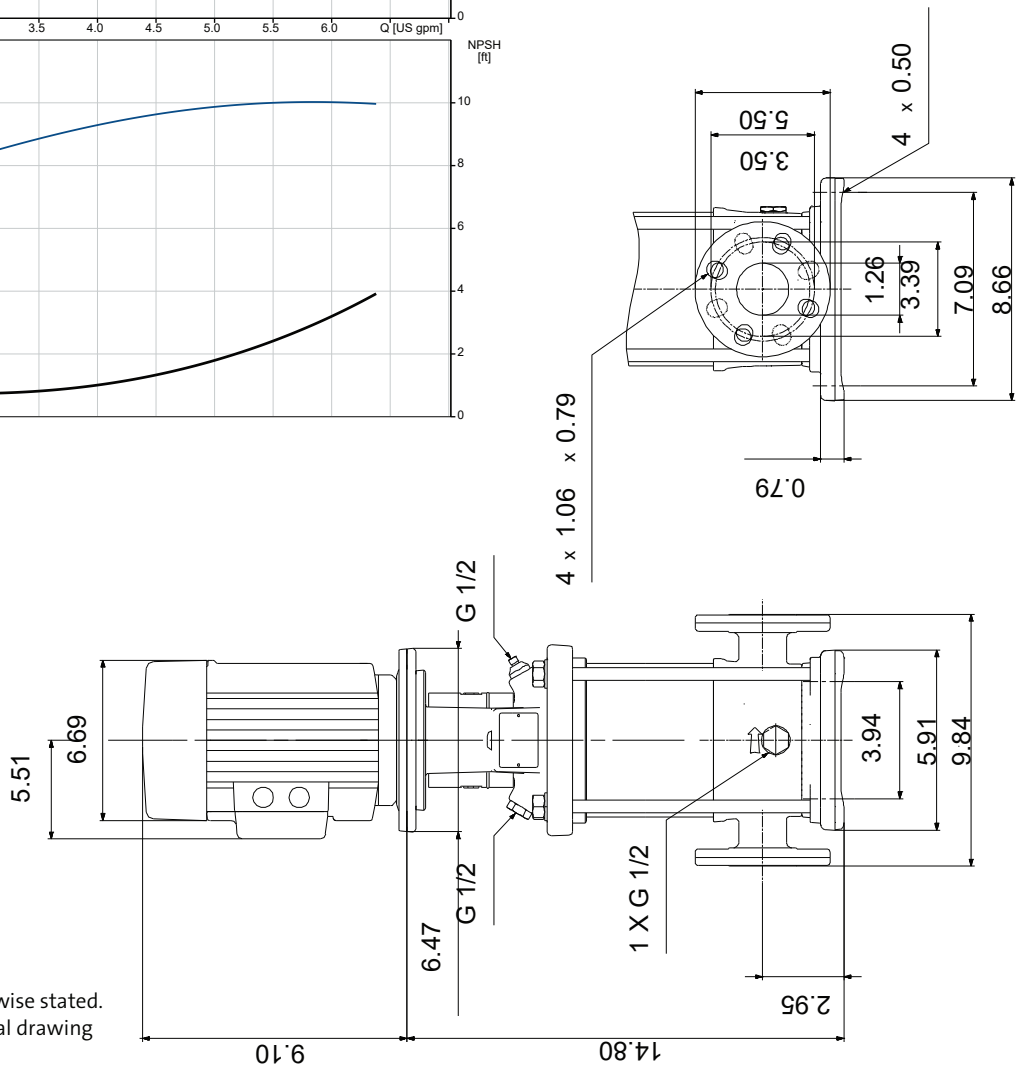
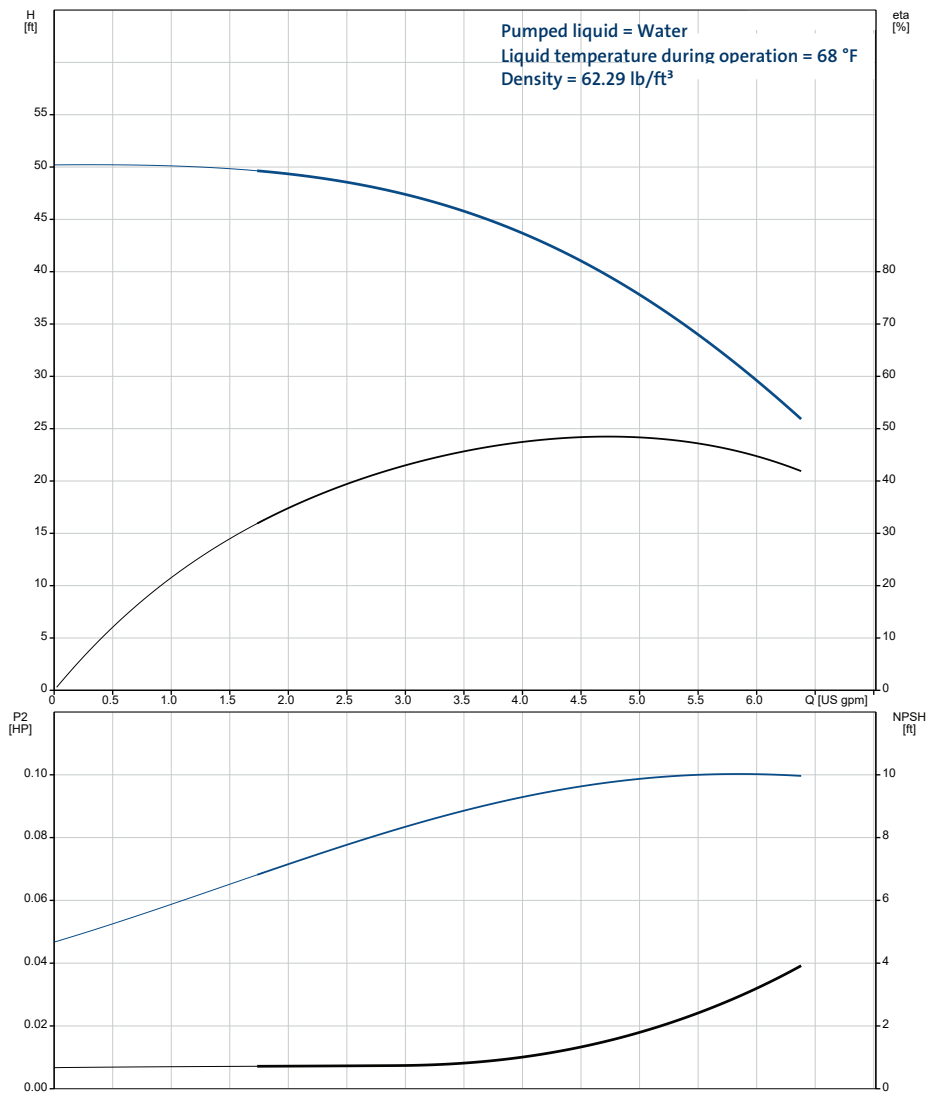
| Material                 | Description                                  | Weight   | Pump End                 | Motor                    | Stack Kit                | Shaft Seal               |
|--------------------------|----------------------------------------------|----------|--------------------------|--------------------------|--------------------------|--------------------------|
| <a href="#">92692980</a> | CR1-2 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP  | 67.19 lb | <a href="#">96082091</a> | <a href="#">99883256</a> | <a href="#">96453485</a> | <a href="#">96455086</a> |
| <a href="#">92692981</a> | CR1-2 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP  | 68.97 lb | <a href="#">96082091</a> | <a href="#">99883324</a> | <a href="#">96453485</a> | <a href="#">96455086</a> |
| <a href="#">92692982</a> | CR1-7 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP  | 71.33 lb | <a href="#">96082096</a> | <a href="#">99883256</a> | <a href="#">96453490</a> | <a href="#">96455086</a> |
| <a href="#">92692983</a> | CR1-7 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP  | 73.12 lb | <a href="#">96082096</a> | <a href="#">99883324</a> | <a href="#">96453490</a> | <a href="#">96455086</a> |
| <a href="#">92692984</a> | CR1-11 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP | 76.60 lb | <a href="#">96082100</a> | <a href="#">99883324</a> | <a href="#">96453494</a> | <a href="#">96455086</a> |
| <a href="#">92692985</a> | CR1-11 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP | 74.82 lb | <a href="#">96082100</a> | <a href="#">99883256</a> | <a href="#">96453494</a> | <a href="#">96455086</a> |
| <a href="#">92692986</a> | CR1-19 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP | 87.74 lb | <a href="#">92692975</a> | <a href="#">99883324</a> | <a href="#">96453499</a> | <a href="#">96455086</a> |
| <a href="#">92692987</a> | CR1-19 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP | 85.95 lb | <a href="#">92692975</a> | <a href="#">99883256</a> | <a href="#">96453499</a> | <a href="#">96455086</a> |
| <a href="#">92692988</a> | CR1-27 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.5 HP  | 97.28 lb | <a href="#">92692973</a> | <a href="#">99883325</a> | <a href="#">96453503</a> | <a href="#">96455086</a> |
| <a href="#">92692990</a> | CR1-27 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.5 HP  | 97.68 lb | <a href="#">92692973</a> | <a href="#">99883257</a> | <a href="#">96453503</a> | <a href="#">96455086</a> |
| <a href="#">92692991</a> | CR3-2 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP  | 68.97 lb | <a href="#">96083181</a> | <a href="#">99883324</a> | <a href="#">96453529</a> | <a href="#">96455086</a> |
| <a href="#">92692992</a> | CR3-2 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP  | 67.19 lb | <a href="#">96083181</a> | <a href="#">99883256</a> | <a href="#">96453529</a> | <a href="#">96455086</a> |
| <a href="#">92692993</a> | CR3-8 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP  | 74.22 lb | <a href="#">96083187</a> | <a href="#">99883324</a> | <a href="#">96453535</a> | <a href="#">96455086</a> |
| <a href="#">92692994</a> | CR3-8 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP  | 72.43 lb | <a href="#">96083187</a> | <a href="#">99883256</a> | <a href="#">96453535</a> | <a href="#">96455086</a> |
| <a href="#">92693719</a> | CR3-13 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP | 76.78 lb | <a href="#">92692974</a> | <a href="#">99883256</a> | <a href="#">96453540</a> | <a href="#">96455086</a> |
| <a href="#">92693730</a> | CR3-13 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP | 78.56 lb | <a href="#">92692974</a> | <a href="#">99883324</a> | <a href="#">96453540</a> | <a href="#">96455086</a> |

| Material                 | Description                                  | Weight    | Pump End                 | Motor                    | Stack Kit                | Shaft Seal               |
|--------------------------|----------------------------------------------|-----------|--------------------------|--------------------------|--------------------------|--------------------------|
| <a href="#">92544370</a> | CR3-19 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.5 HP  | 90.10 lb  | <a href="#">98450612</a> | <a href="#">99883325</a> | <a href="#">96453543</a> | <a href="#">96455086</a> |
| <a href="#">92647178</a> | CR3-19 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.5 HP  | 90.49 lb  | <a href="#">98450612</a> | <a href="#">99883257</a> | <a href="#">96453543</a> | <a href="#">96455086</a> |
| <a href="#">92693731</a> | CR3-23 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.5 HP  | 93.58 lb  | <a href="#">98994753</a> | <a href="#">99883325</a> | <a href="#">96453545</a> | <a href="#">96455086</a> |
| <a href="#">92626536</a> | CR3-23 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.5 HP  | 93.98 lb  | <a href="#">98994753</a> | <a href="#">99883257</a> | <a href="#">96453545</a> | <a href="#">96455086</a> |
| <a href="#">92693733</a> | CR5-3 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP  | 69.02 lb  | <a href="#">96084232</a> | <a href="#">99883256</a> | <a href="#">96453576</a> | <a href="#">96455086</a> |
| <a href="#">92693732</a> | CR5-3 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP  | 70.80 lb  | <a href="#">96084232</a> | <a href="#">99883324</a> | <a href="#">96453576</a> | <a href="#">96455086</a> |
| <a href="#">92693735</a> | CR5-7 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.33 HP  | 74.02 lb  | <a href="#">92692976</a> | <a href="#">99883256</a> | <a href="#">96453580</a> | <a href="#">96455086</a> |
| <a href="#">92693734</a> | CR5-7 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.33 HP  | 75.81 lb  | <a href="#">92692976</a> | <a href="#">99883324</a> | <a href="#">96453580</a> | <a href="#">96455086</a> |
| <a href="#">92694530</a> | CR5-12 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.5 HP  | 88.75 lb  | <a href="#">92692977</a> | <a href="#">99883257</a> | <a href="#">96453585</a> | <a href="#">96455086</a> |
| <a href="#">92694518</a> | CR5-12 A-FGJ-A-E-HQQE 1x115/230 60HZ 0.5 HP  | 88.33 lb  | <a href="#">92692977</a> | <a href="#">99883325</a> | <a href="#">96453585</a> | <a href="#">96455086</a> |
| <a href="#">92694533</a> | CR5-18 A-FGJ-A-E-HQQE 3x230/460 60HZ 0.75 HP | 112.04 lb | <a href="#">96633378</a> | <a href="#">99883258</a> | <a href="#">96453590</a> | <a href="#">96455086</a> |
| <a href="#">92694536</a> | CR5-24 A-FGJ-A-E-HQQE 3x230/460 60HZ 1 HP    | 128.95 lb | <a href="#">92692978</a> | <a href="#">99883259</a> | <a href="#">96453593</a> | <a href="#">96455086</a> |
| <a href="#">92642327</a> | CR10-2 A-GJ-A-E-HQQE 3x230/460 60 HZ 0.33 HP | 105.84 lb | <a href="#">96126731</a> | <a href="#">99883256</a> | <a href="#">96508404</a> | <a href="#">96511844</a> |
| <a href="#">92694537</a> | CR10-2 A-GJ-A-E-HQQE 1x115/230 60 HZ 0.33 HP | 105.84 lb | <a href="#">96126731</a> | <a href="#">99883324</a> | <a href="#">96508404</a> | <a href="#">96511844</a> |
| <a href="#">92624673</a> | CR10-5 A-GJ-A-E-HQQE 1X115/230 60 HZ 0.5 HP  | 116.87 lb | <a href="#">99169907</a> | <a href="#">99883325</a> | <a href="#">96508407</a> | <a href="#">96511844</a> |
| <a href="#">92694538</a> | CR10-5 A-GJ-A-E-HQQE 3x230/460 60 HZ 0.5 HP  | 116.87 lb | <a href="#">99169907</a> | <a href="#">99883257</a> | <a href="#">96508407</a> | <a href="#">96511844</a> |
| <a href="#">92694539</a> | CR10-9 A-GJ-A-E-HQQE 3x230/460 60 HZ 1 HP    | 147.74 lb | <a href="#">98362845</a> | <a href="#">99883259</a> | <a href="#">96508411</a> | <a href="#">96511844</a> |
| <a href="#">92694550</a> | CR10-14 A-GJ-A-E-HQQE 3x230/460 60 HZ 1.5 HP | 163.17 lb | <a href="#">92692979</a> | <a href="#">99883260</a> | <a href="#">96508414</a> | <a href="#">96511844</a> |
| <a href="#">92683572</a> | CR10-17 A-GJ-A-E-HQQE 3x230/460 60 HZ 2 HP   | 178.61 lb | <a href="#">99261252</a> | <a href="#">99883261</a> | <a href="#">96529403</a> | <a href="#">96511844</a> |



CR 1-7 A-FGJ-A-E-HQQE 60 Hz

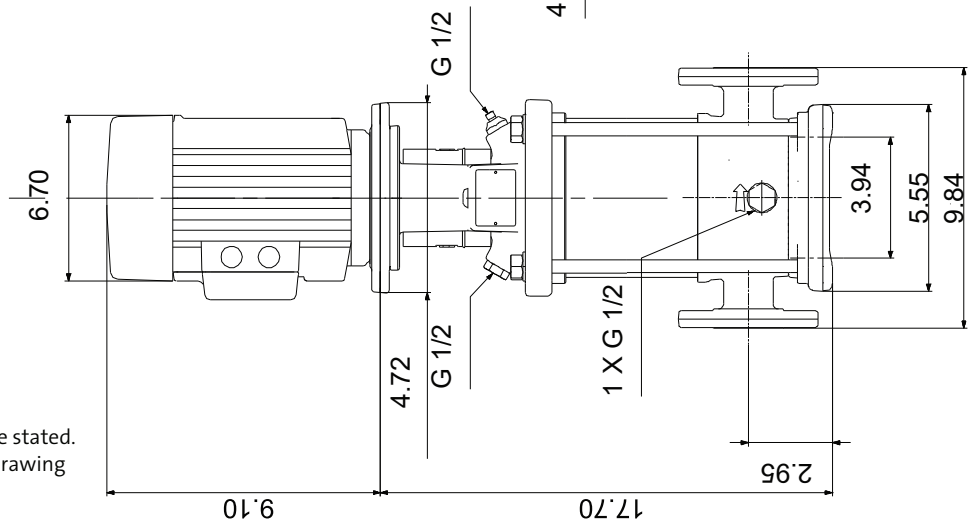
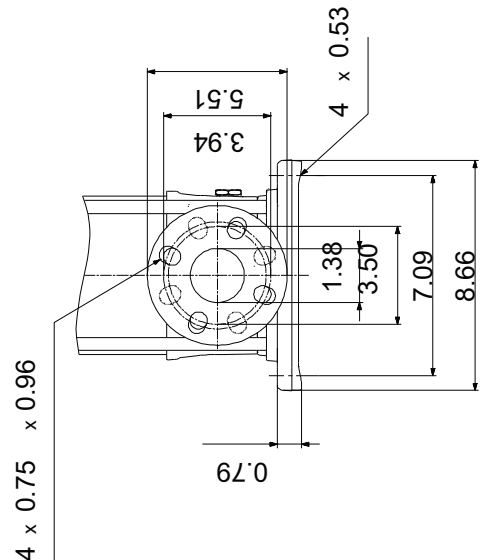
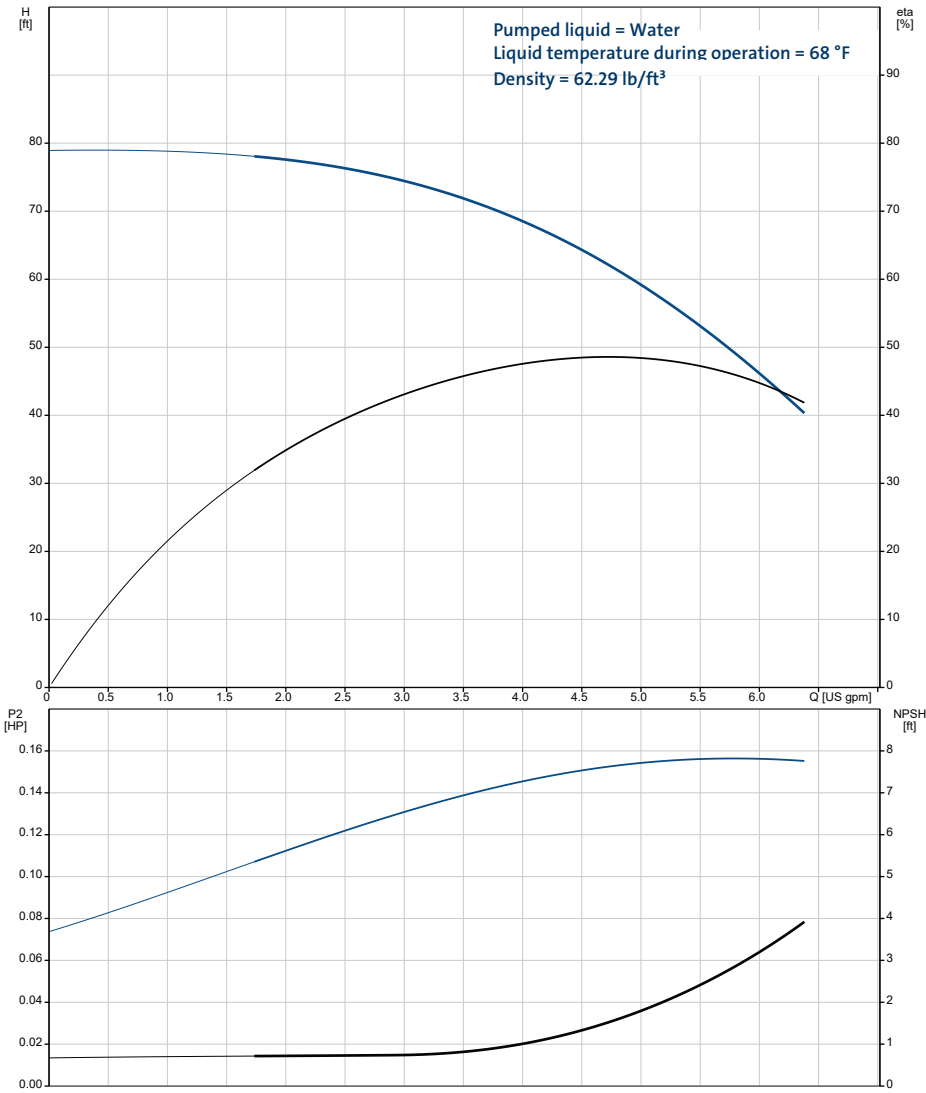
PERFORMANCE DATA



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

CR 1-11 A-FGJ-A-E-HQQE 60 Hz

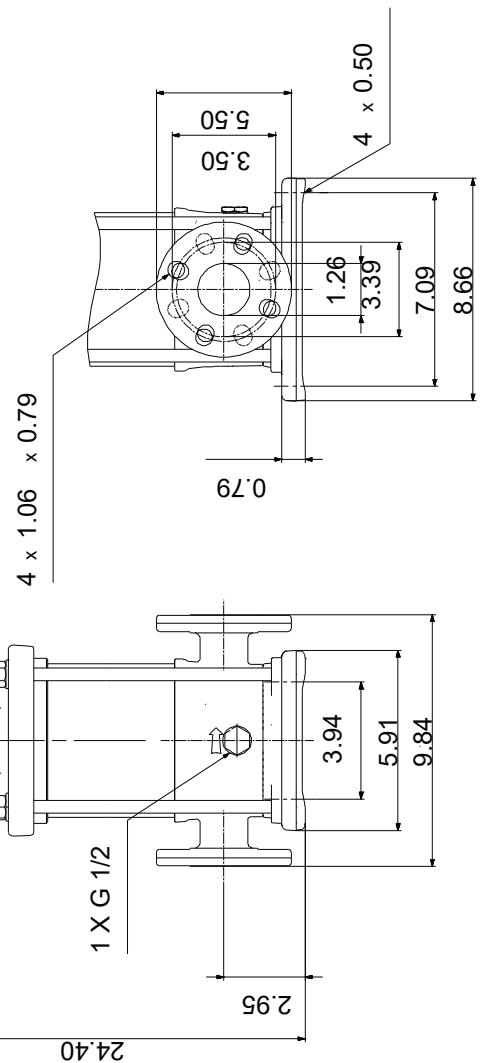
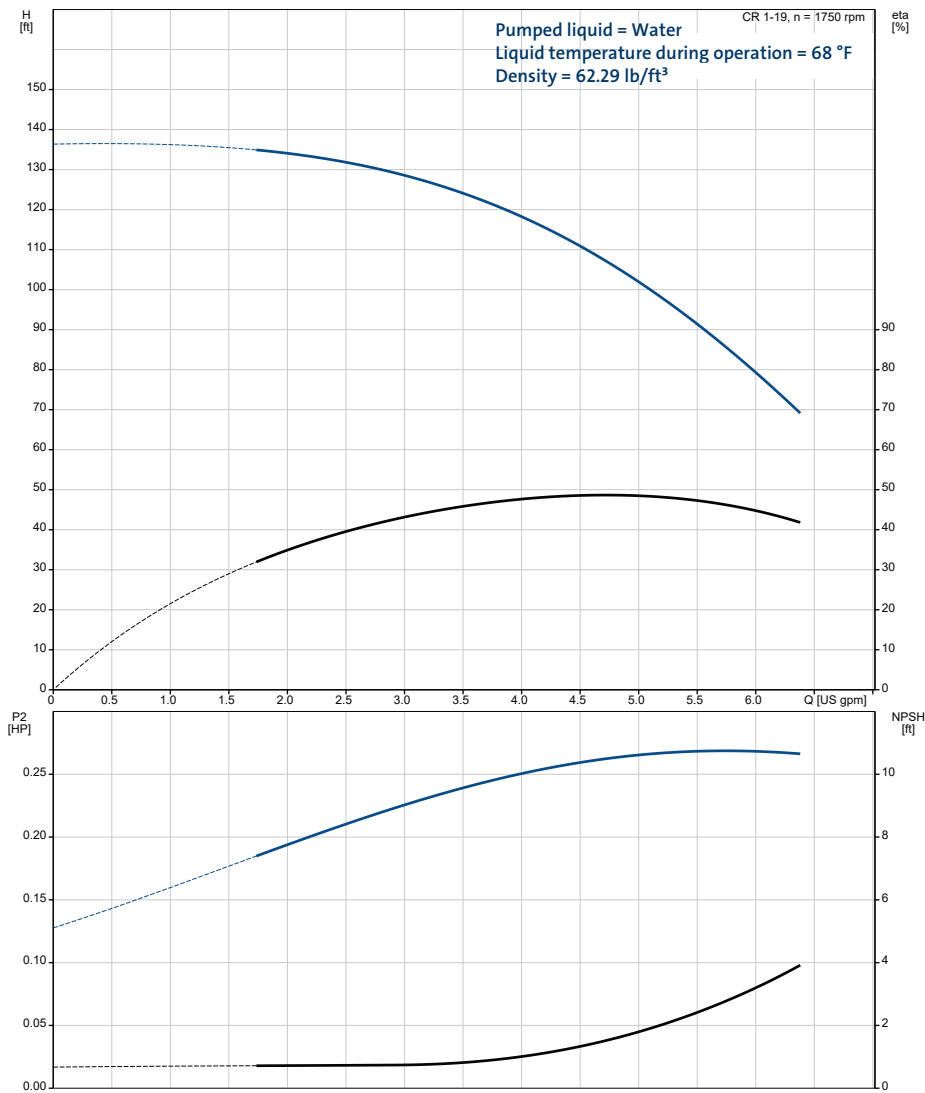
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Note: All units are in [in] unless otherwise stated.  
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CR 1-19 A-FGJ-A-E-HQQE 60 Hz

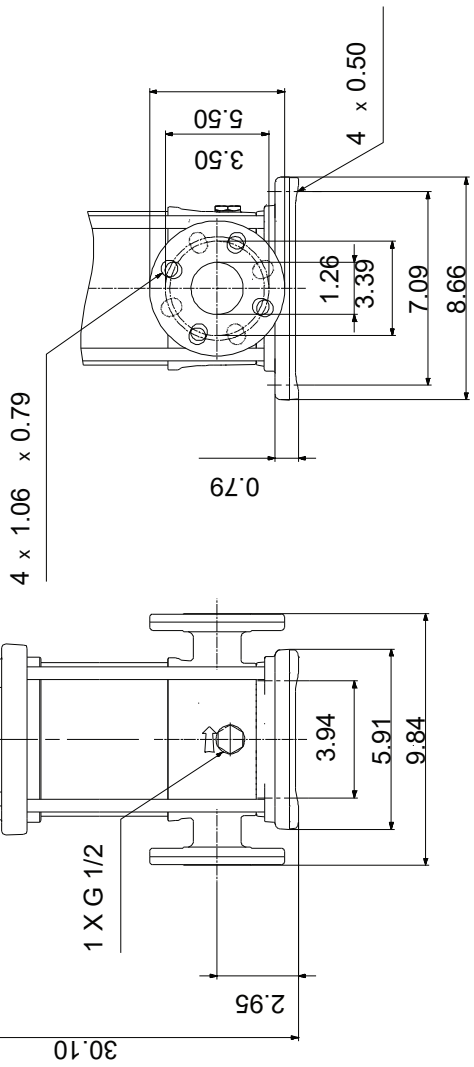
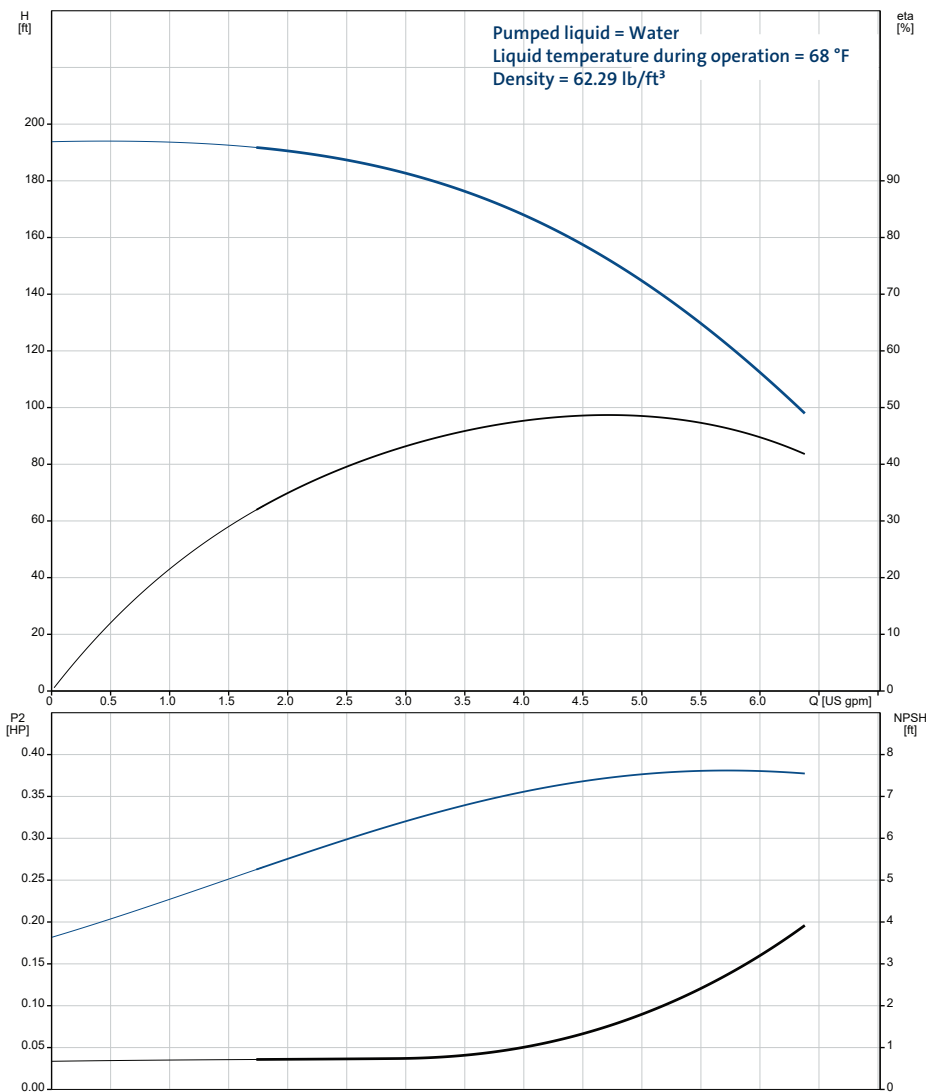
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Note: All units are in [in] unless otherwise stated.  
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CR 1-27 A-FGJ-A-E-HQQE 60 Hz

PERFORMANCE DATA

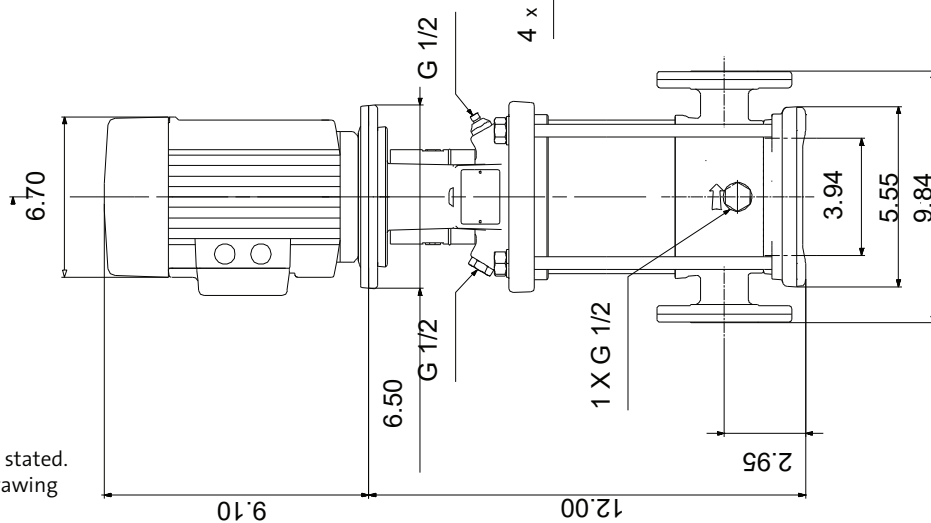
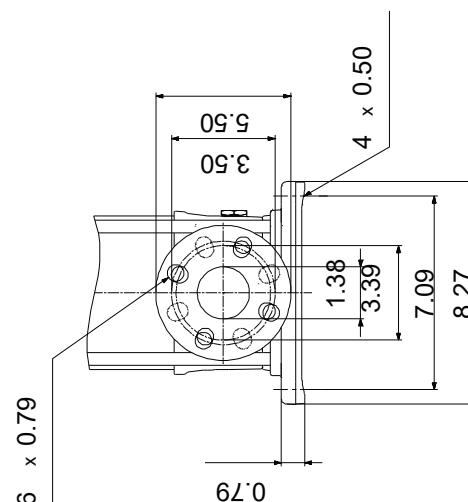


Note: All units are in [in] unless otherwise stated.  
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**Pumped liquid = Water**  
**Liquid temperature during operation = 68 °F**  
**Density = 62.29 lb/ft<sup>3</sup>**

The top graph displays the pump's head and efficiency characteristics. The head curve (black) starts at approximately 15.2 ft at 0 gpm and decreases to about 6.8 ft at 11.5 gpm. The efficiency curve (blue) starts at 0% at 0 gpm, peaks at approximately 52% efficiency at 8 gpm, and then declines to about 40% at 11.5 gpm.

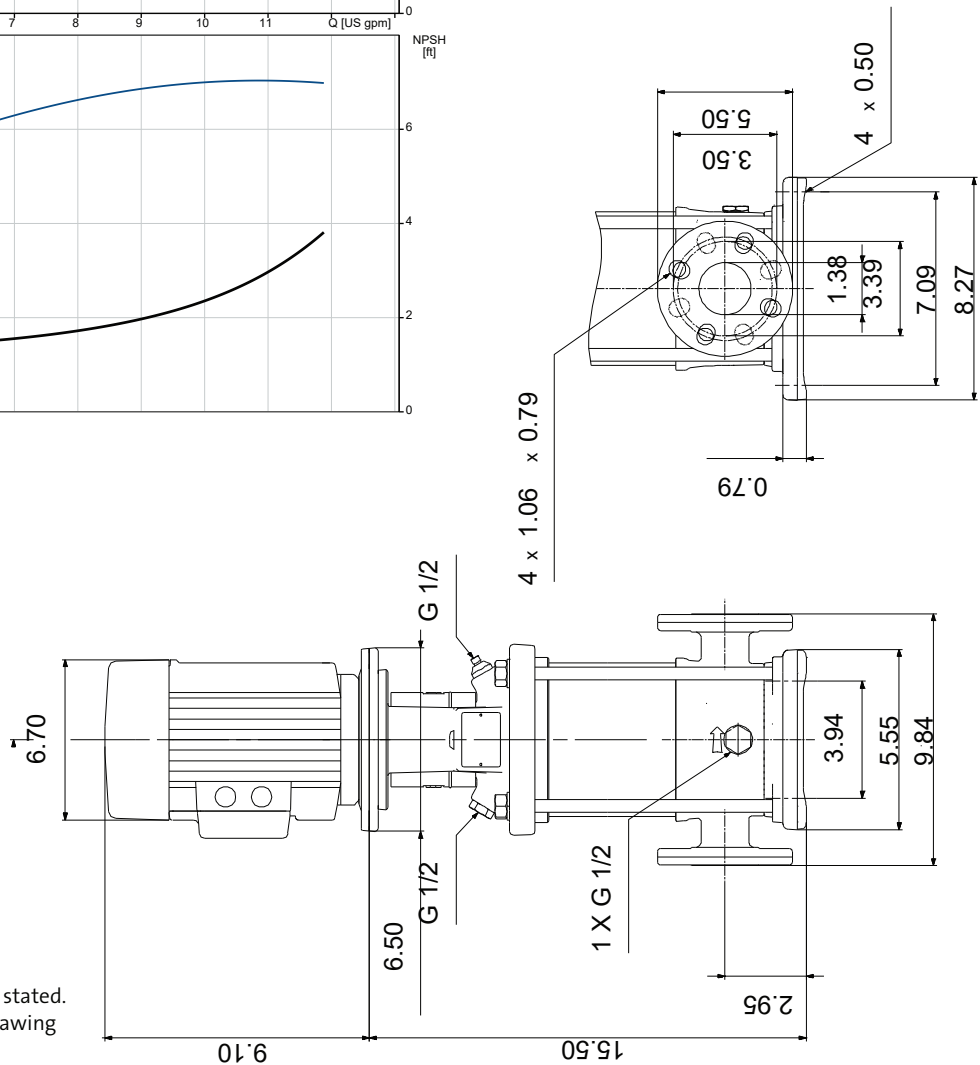
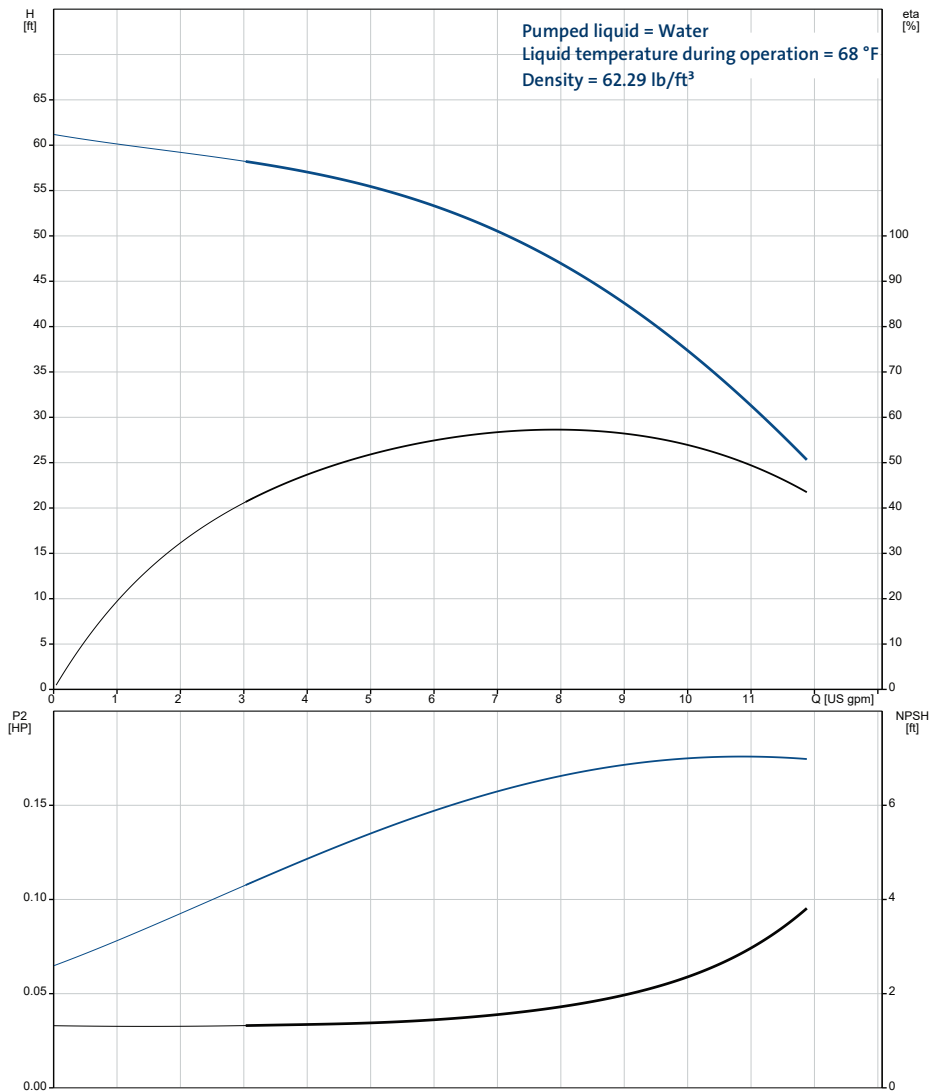
The bottom graph shows the required Net Positive Suction Head (NPSH) as a function of flow rate. The NPSH curve (black) starts at approximately 0.005 ft at 0 gpm and increases to about 0.018 ft at 11.5 gpm. The available NPSH curve (blue) starts at approximately 0.015 ft at 0 gpm and increases to about 0.048 ft at 11.5 gpm.



Note: All units are in [in] unless otherwise stated.  
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CR 3-8 A-FGJ-A-E-HQQE 60 Hz

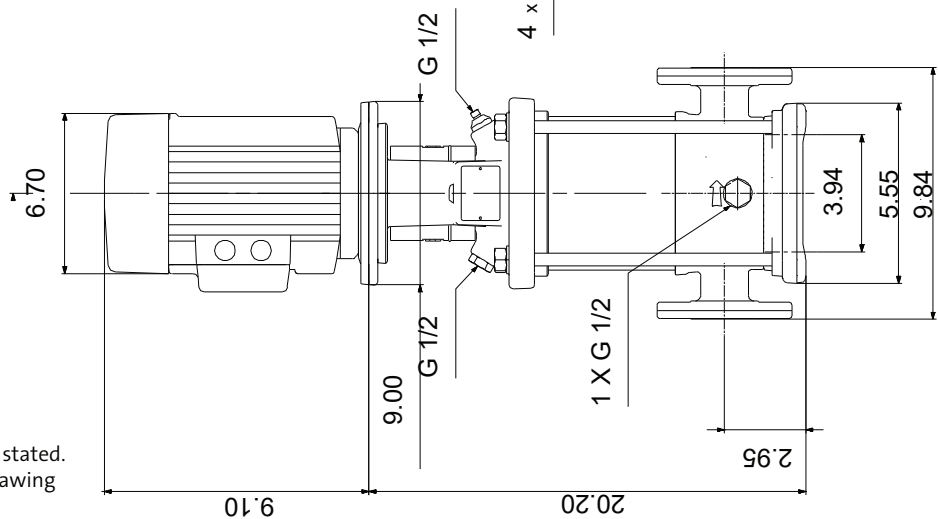
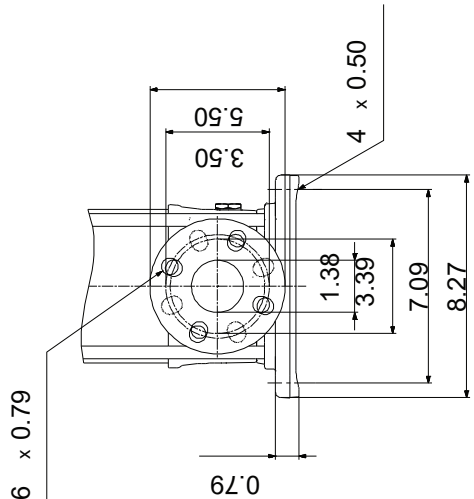
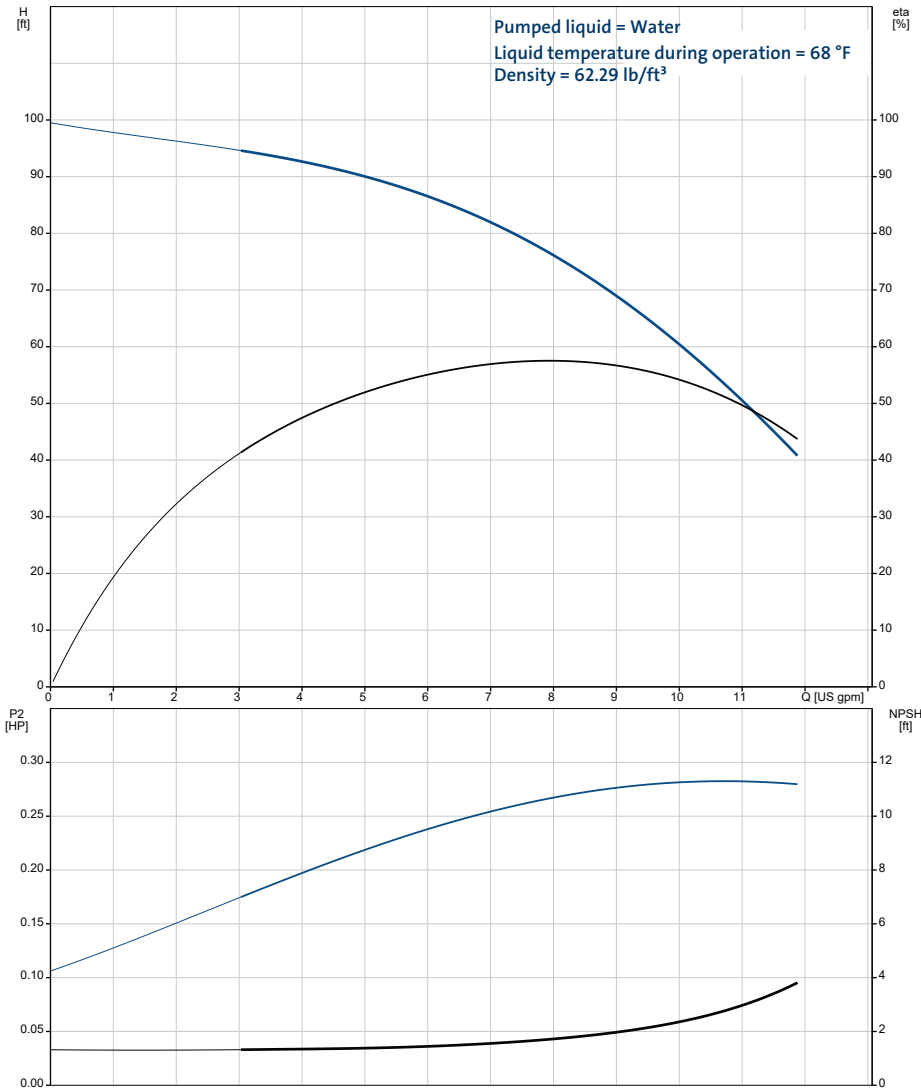
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Disclaimer: This simplified dimensional drawing does not show all details.

CR 3-13 A-FGJ-A-E-HQQE 60 Hz

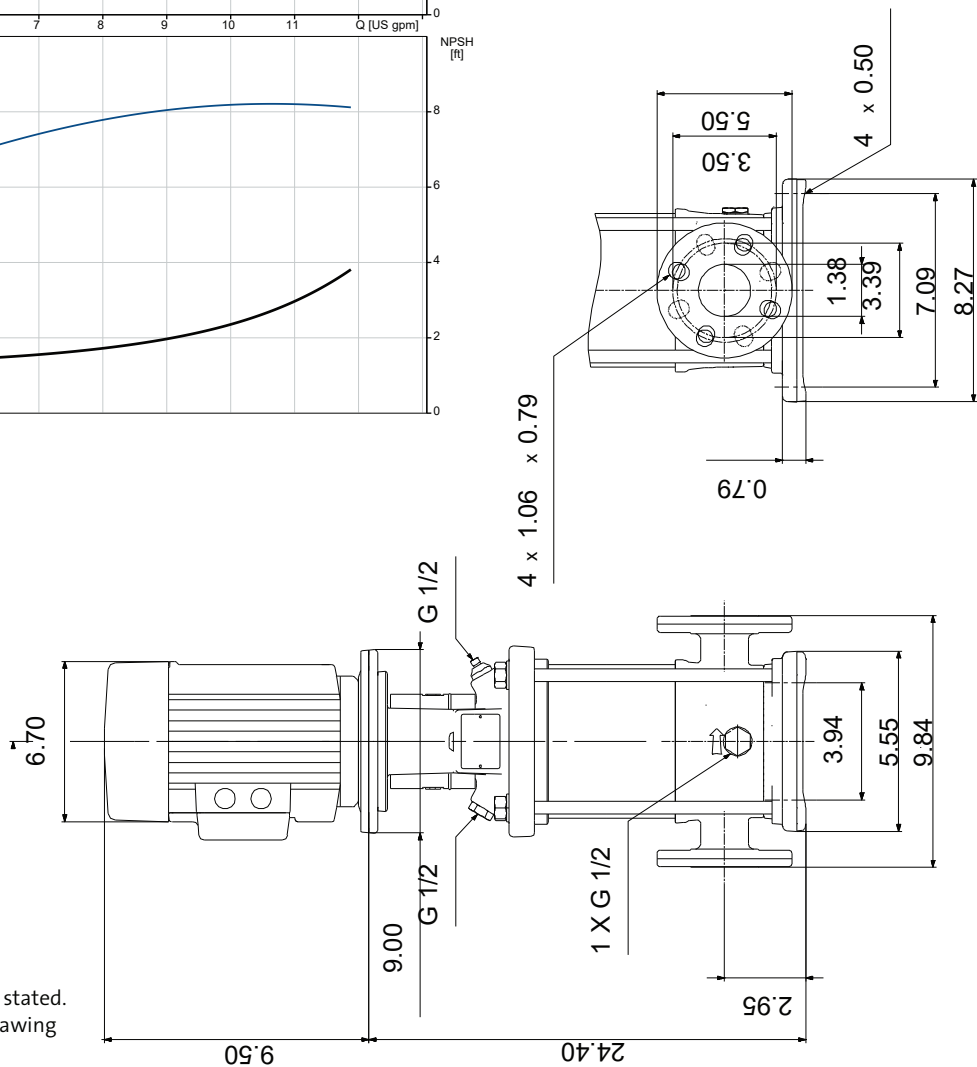
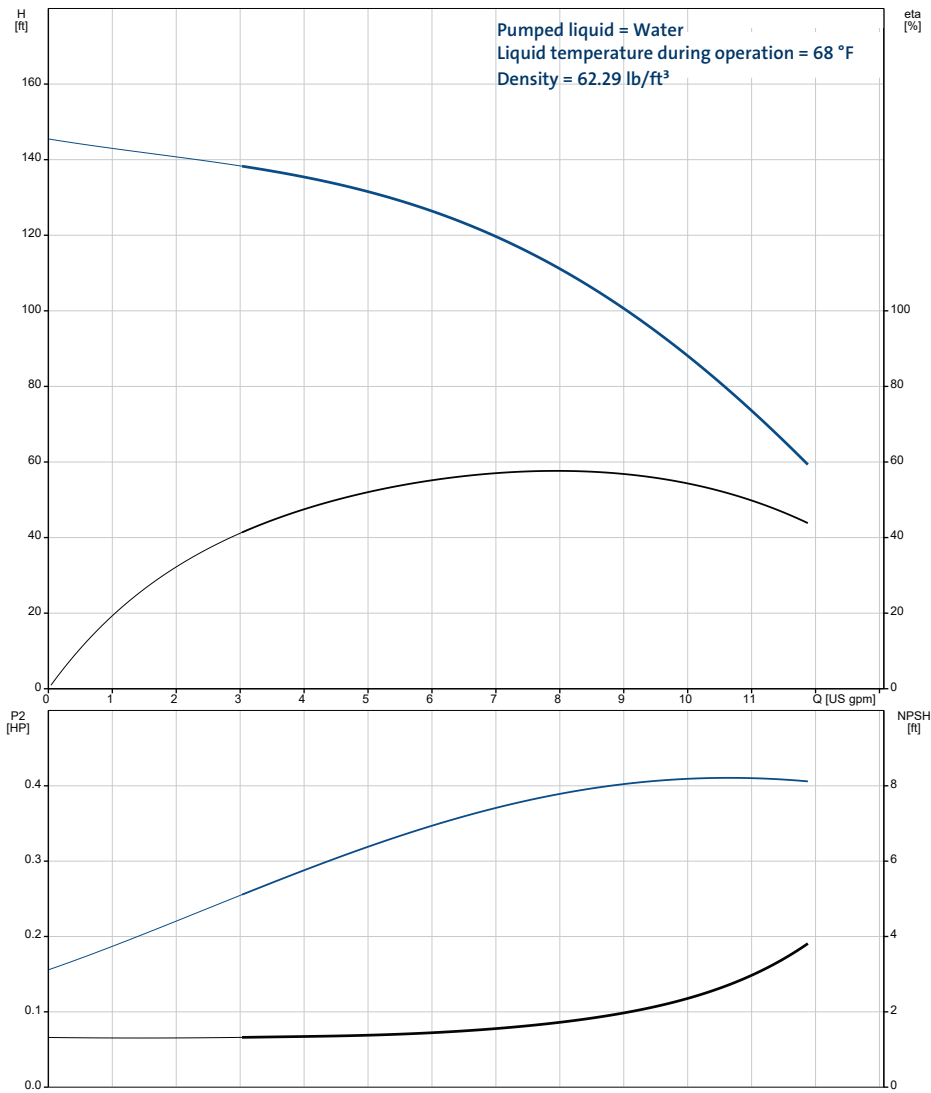
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Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 3-19 A-FGJ-A-E-HQQE 60 Hz

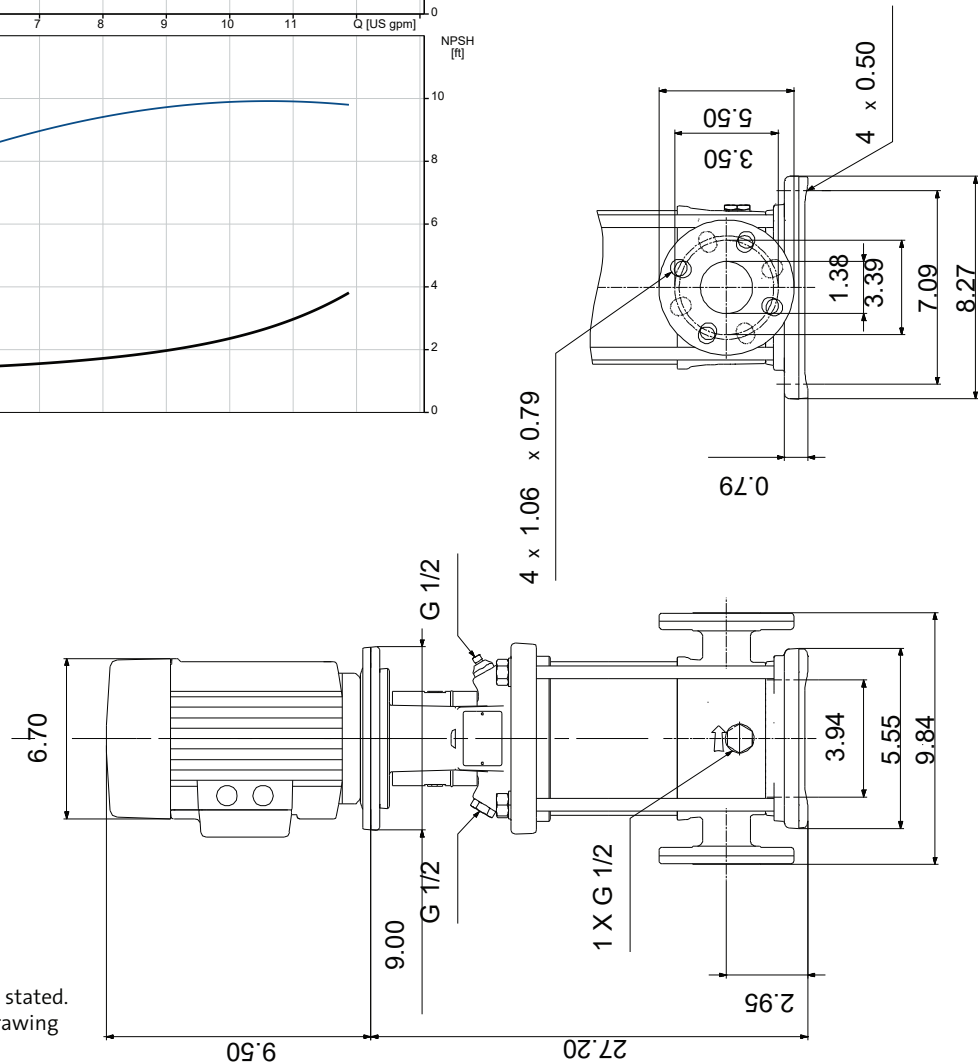
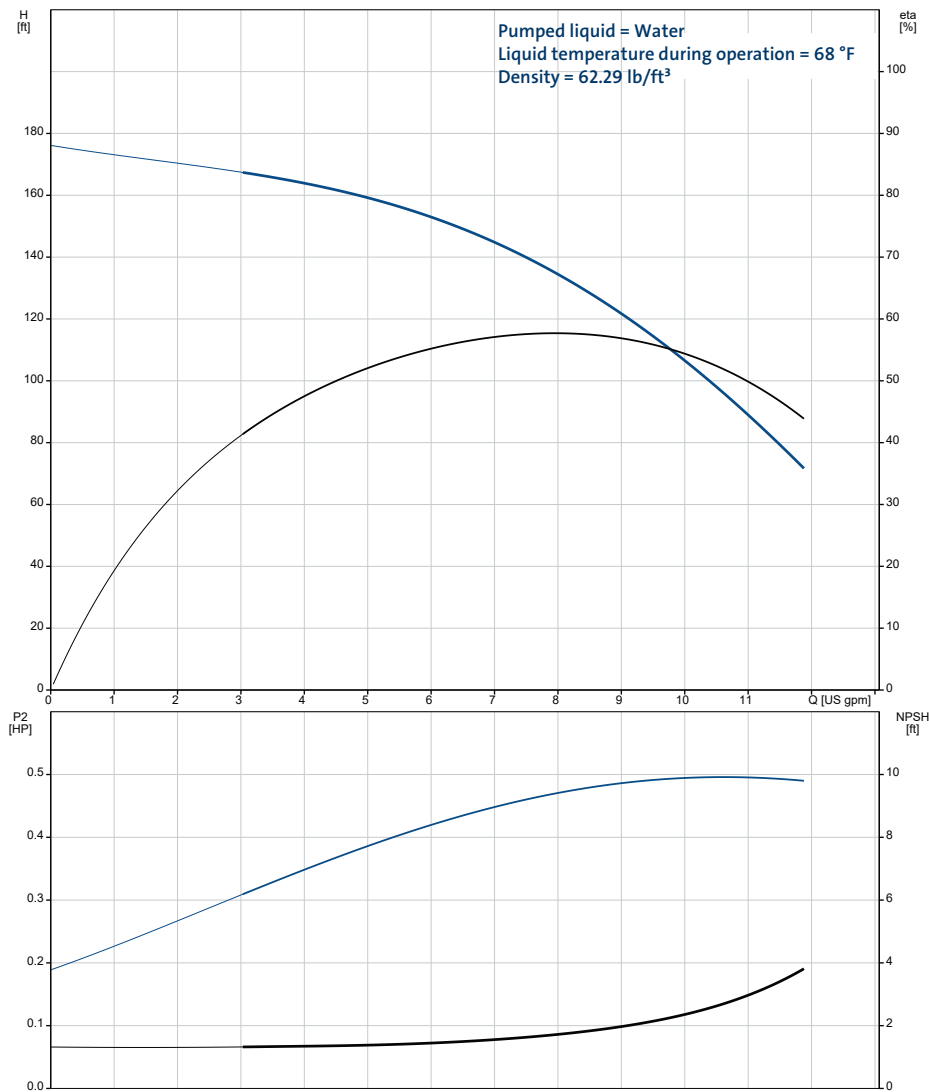
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Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 3-23 A-FGJ-A-E-HQQE 60 Hz

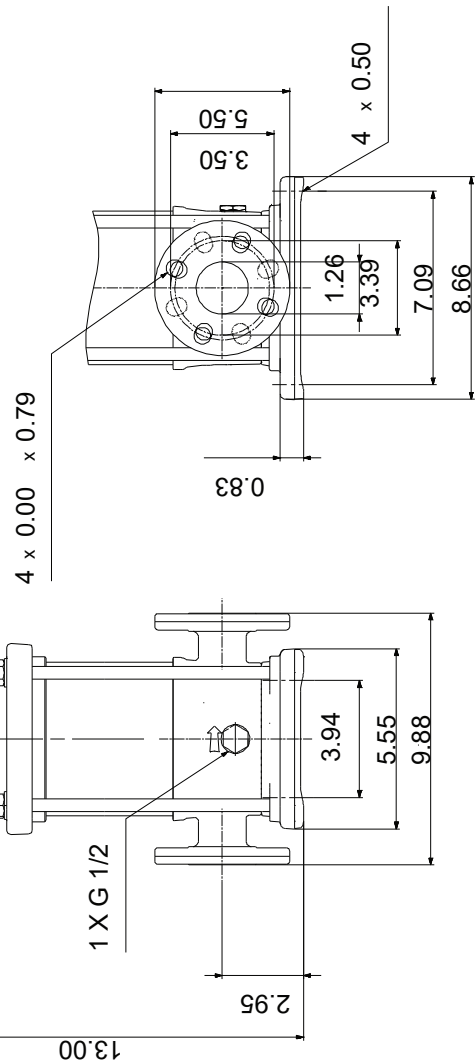
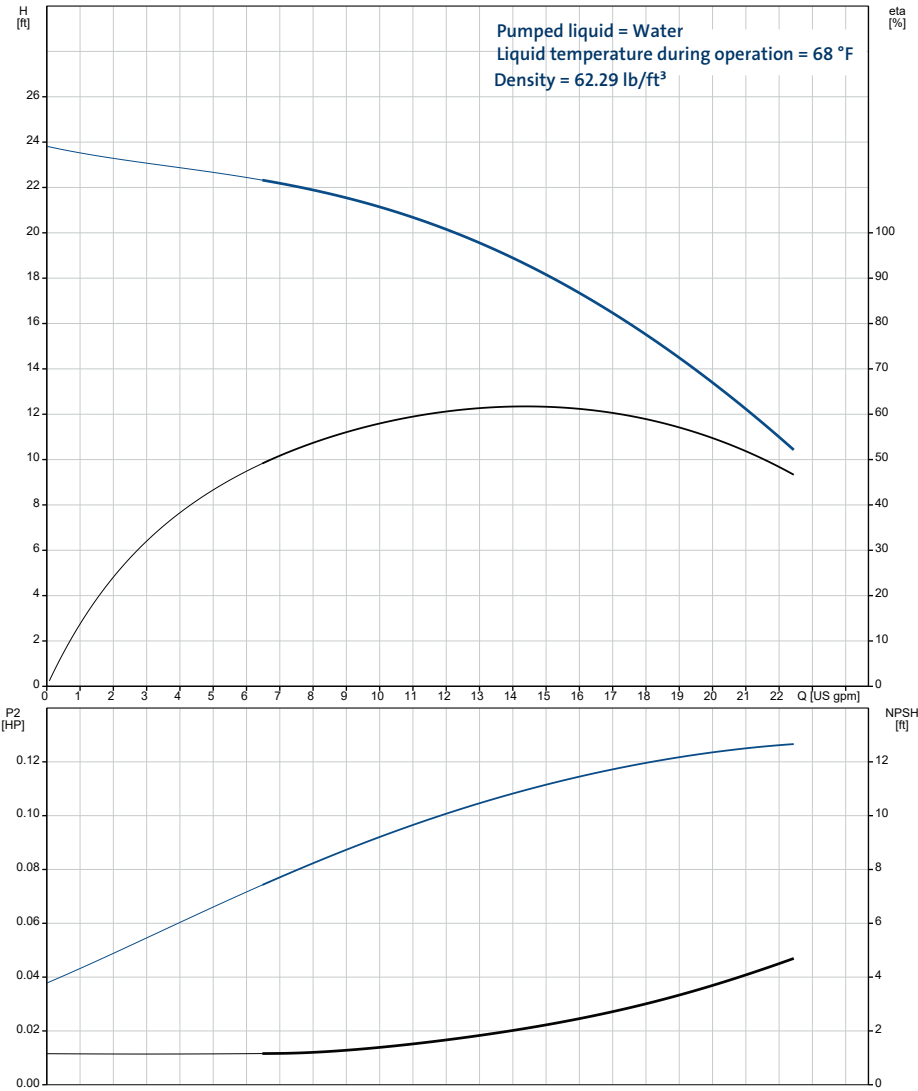
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Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 5-3 A-FGJ-A-E-HQQE 60 Hz

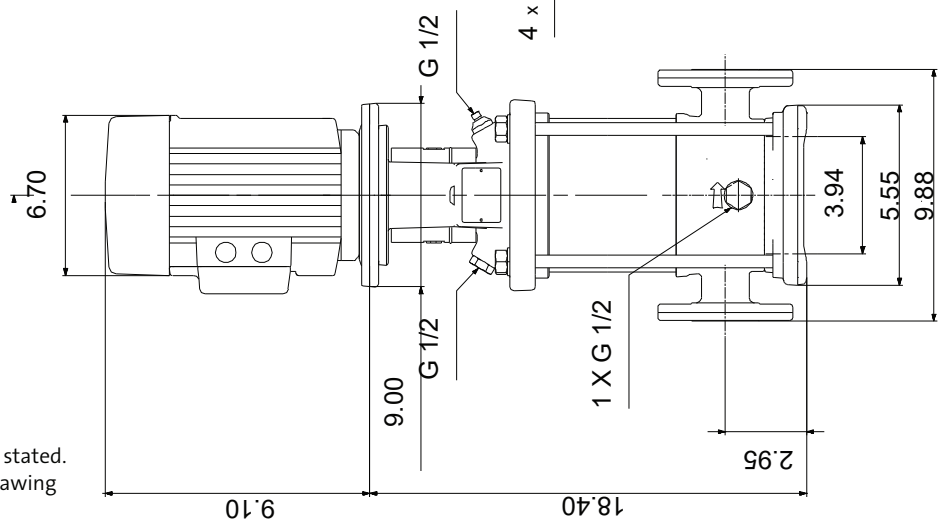
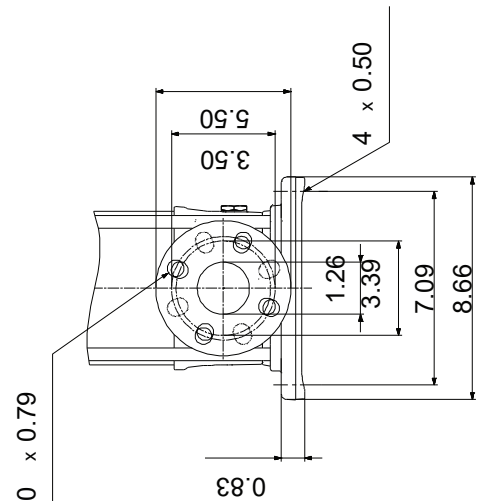
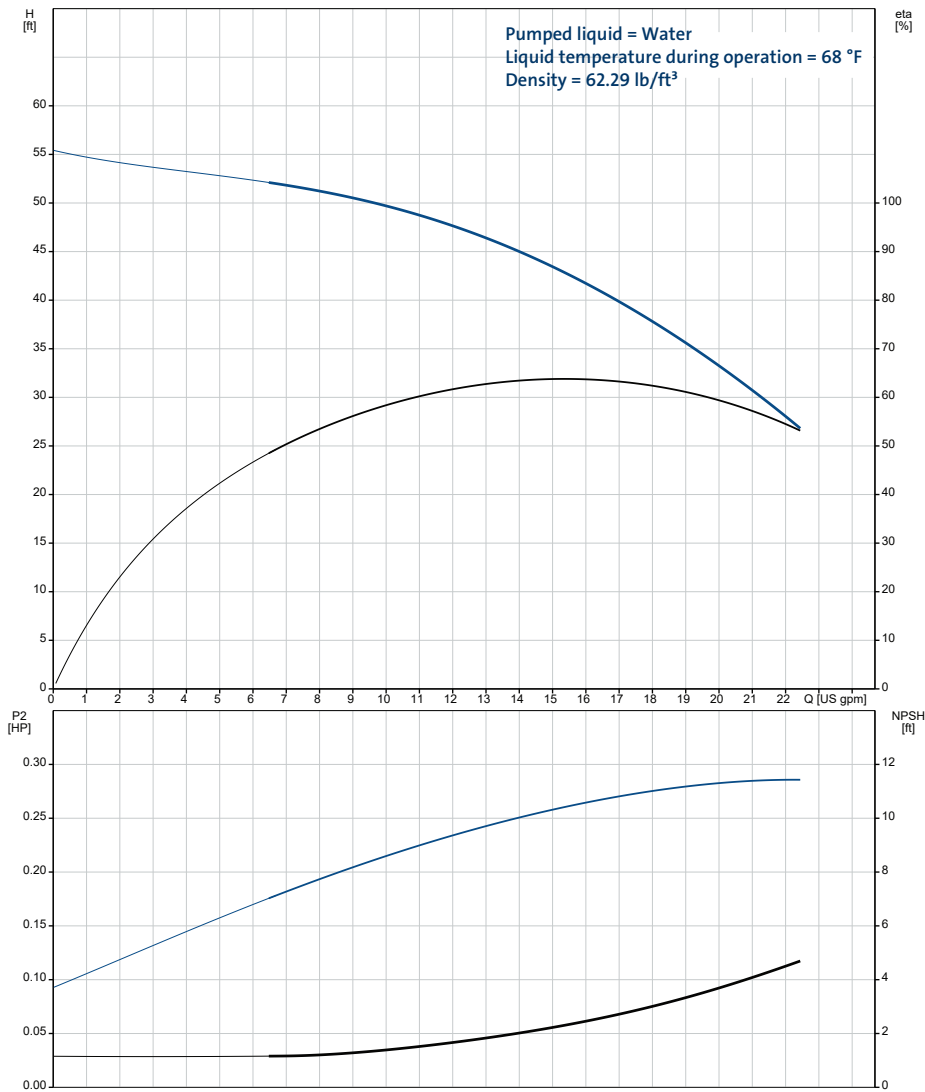
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Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 5-7 A-FGJ-A-E-HQQE 60 Hz

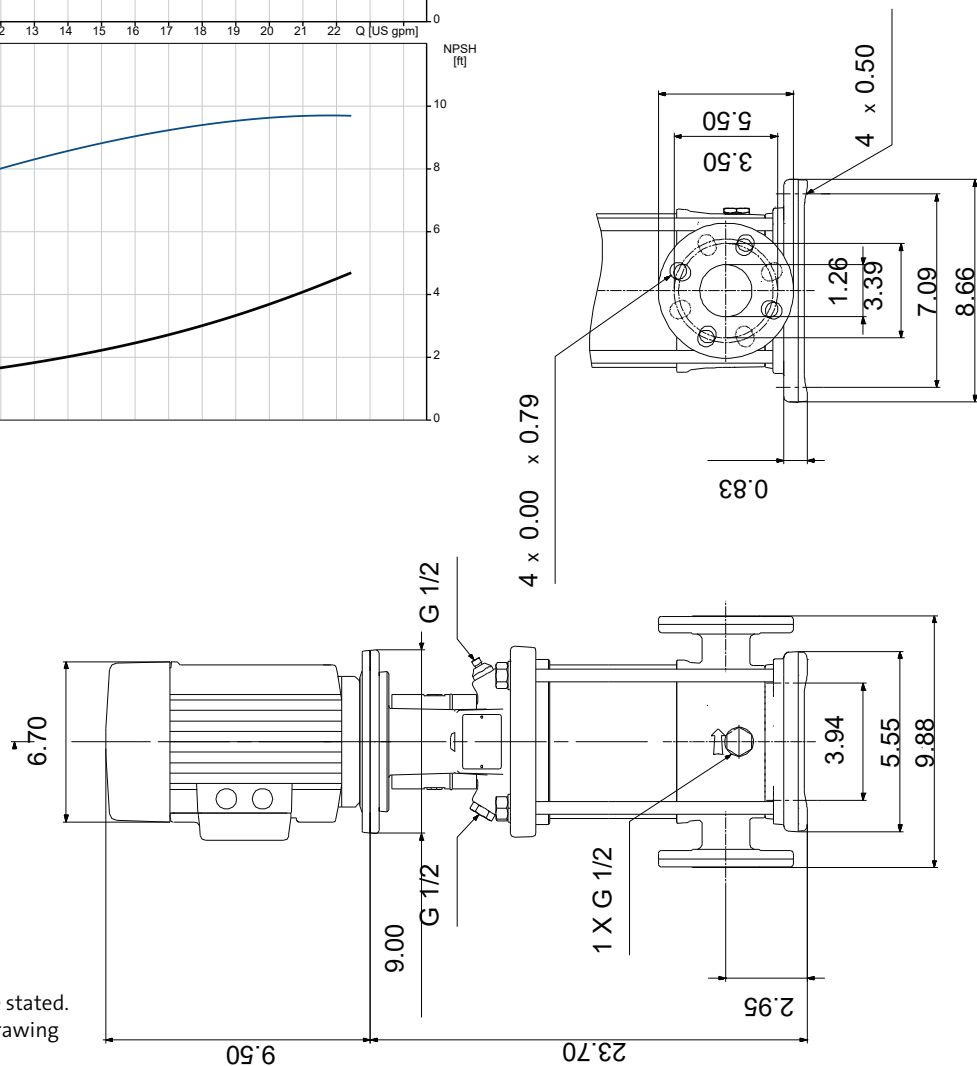
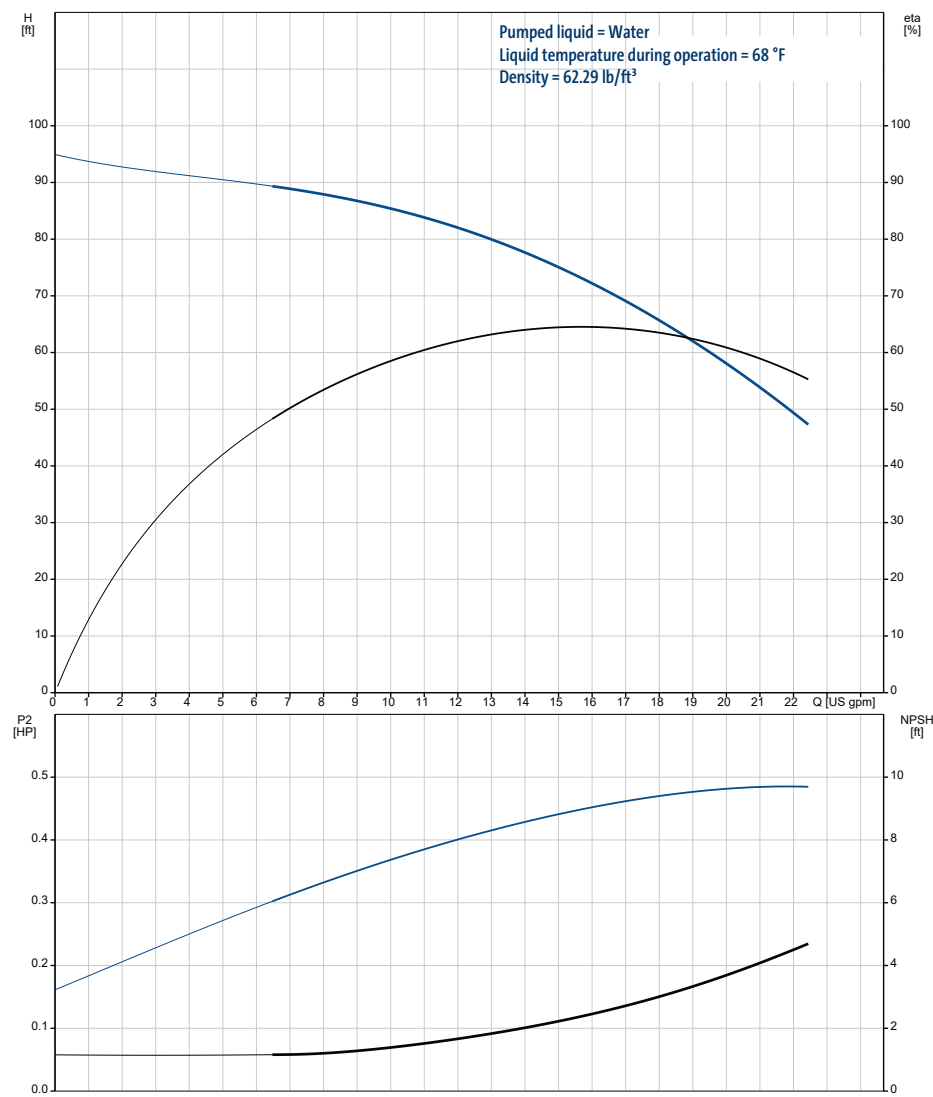
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Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 5-12 A-FGJ-A-E-HQQE 60 Hz

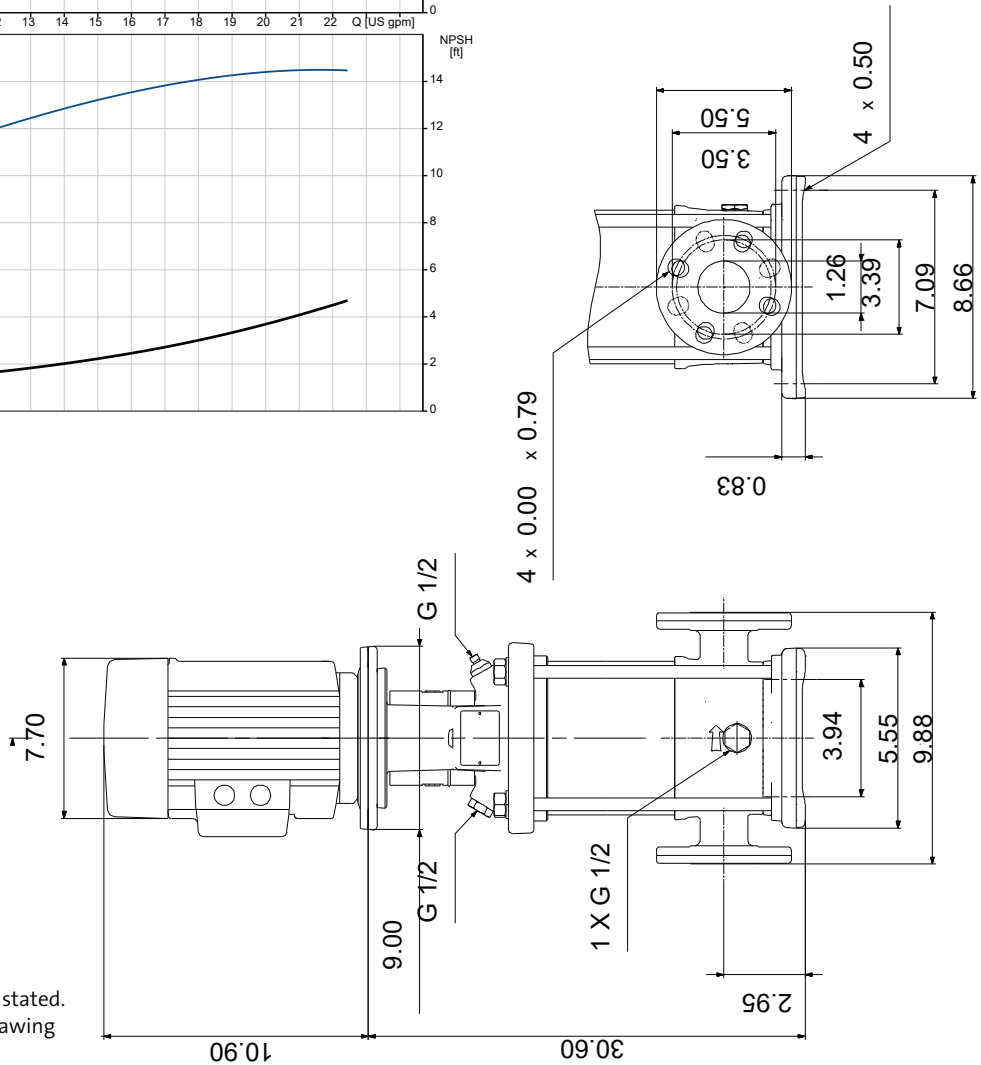
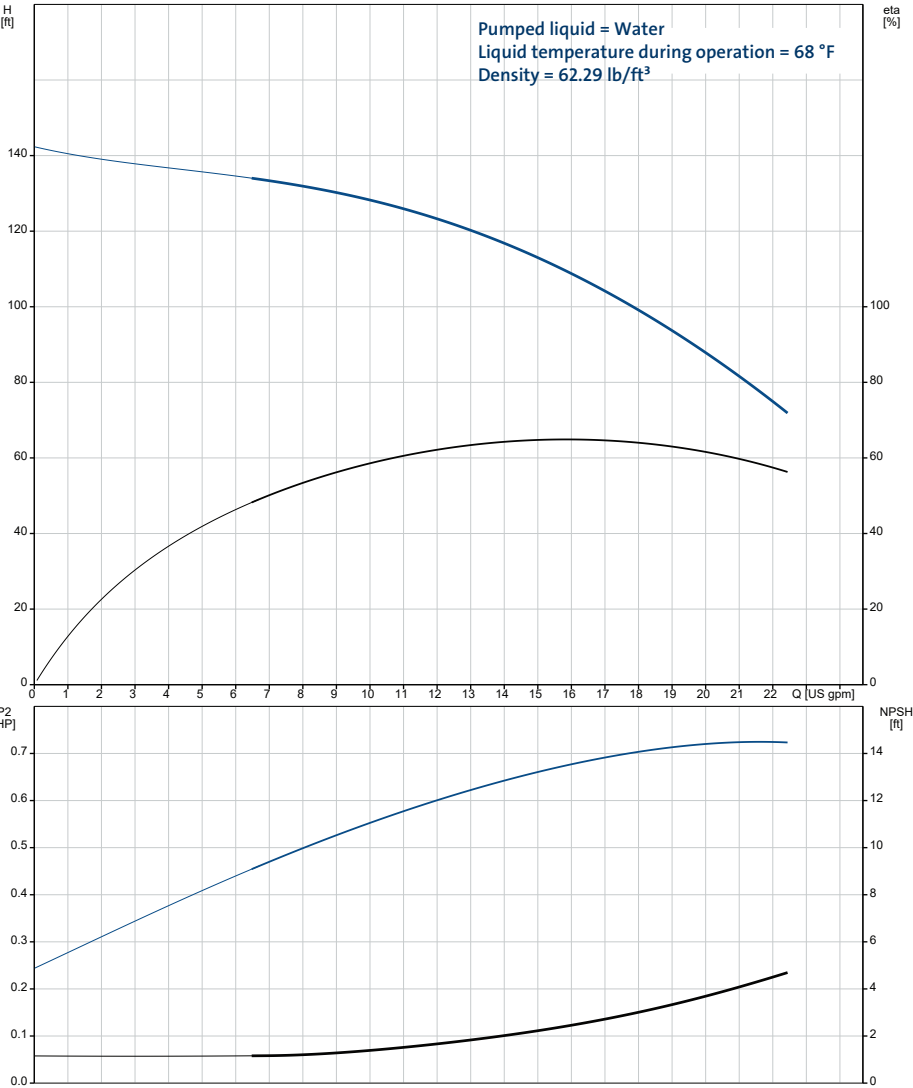
PERFORMANCE DATA



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

CR 5-18 A-FGJ-A-E-HQQE 60 Hz

PERFORMANCE DATA

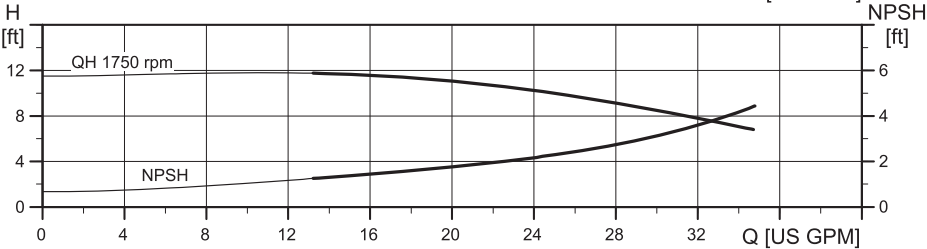
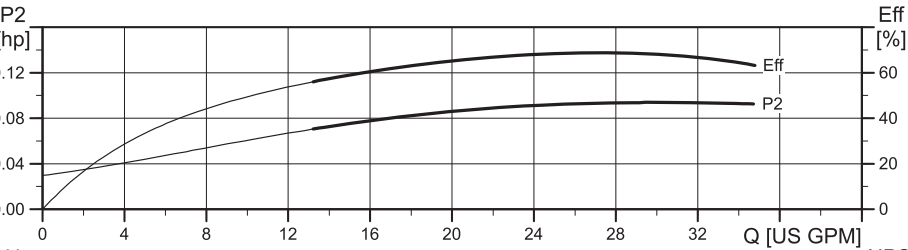
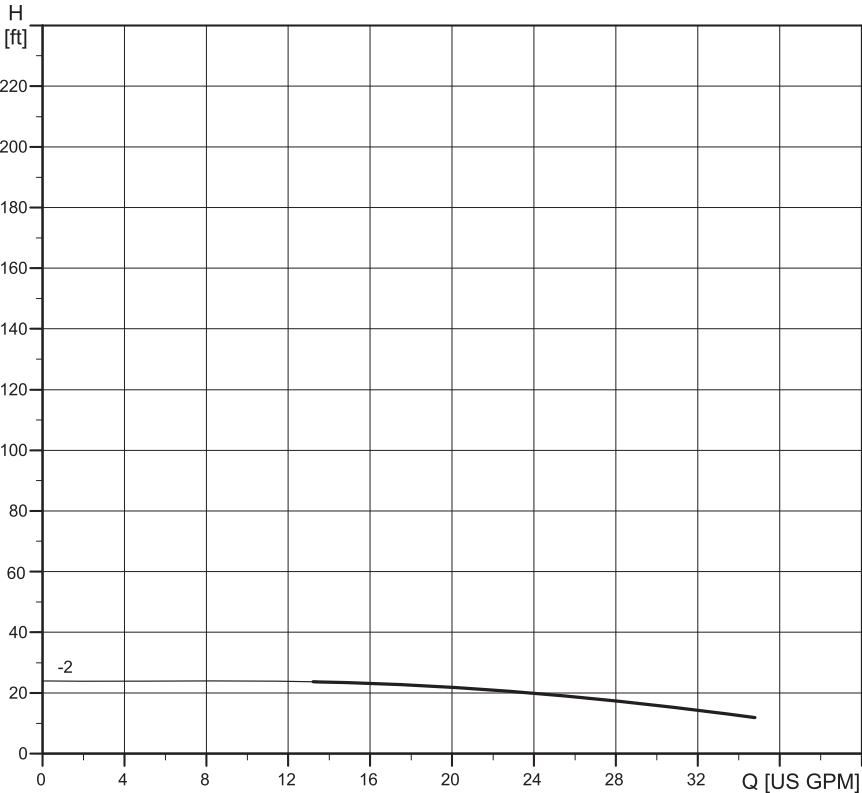


Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

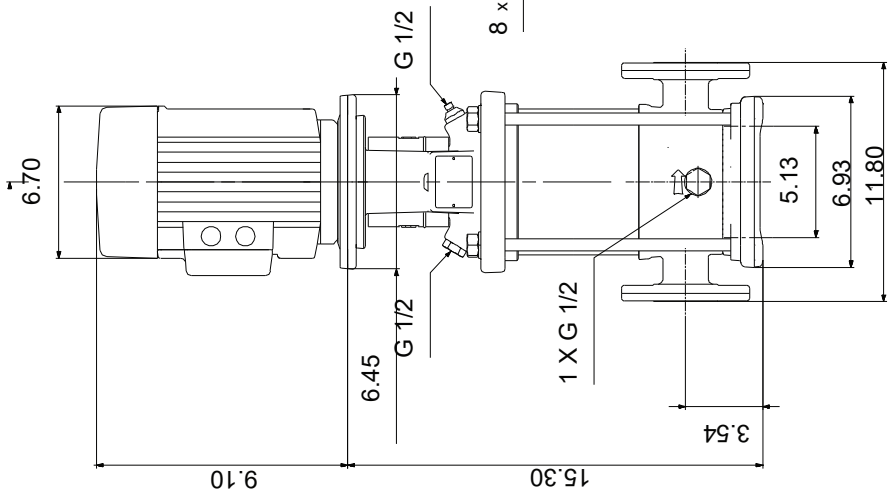
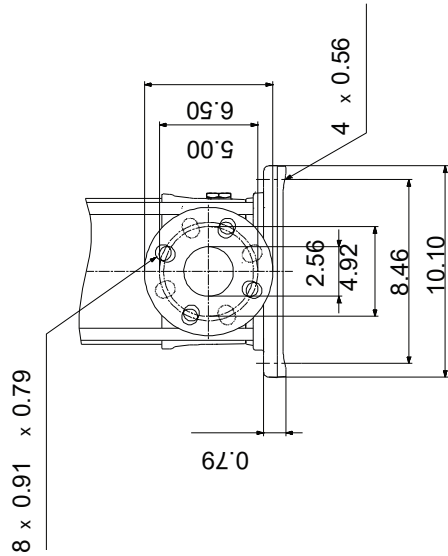


CR 10-2 A-GJ-A-E-HQQE 60 Hz

PERFORMANCE DATA



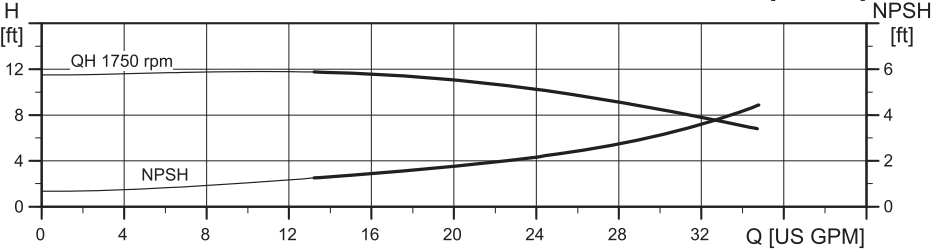
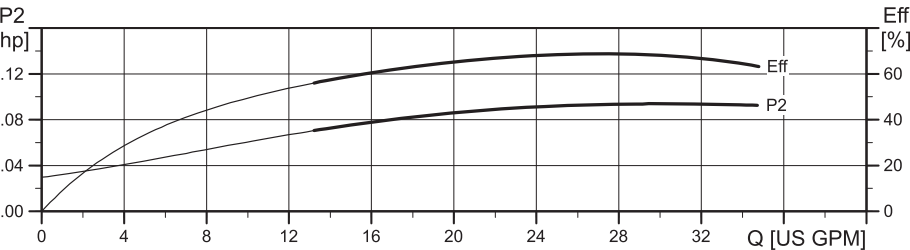
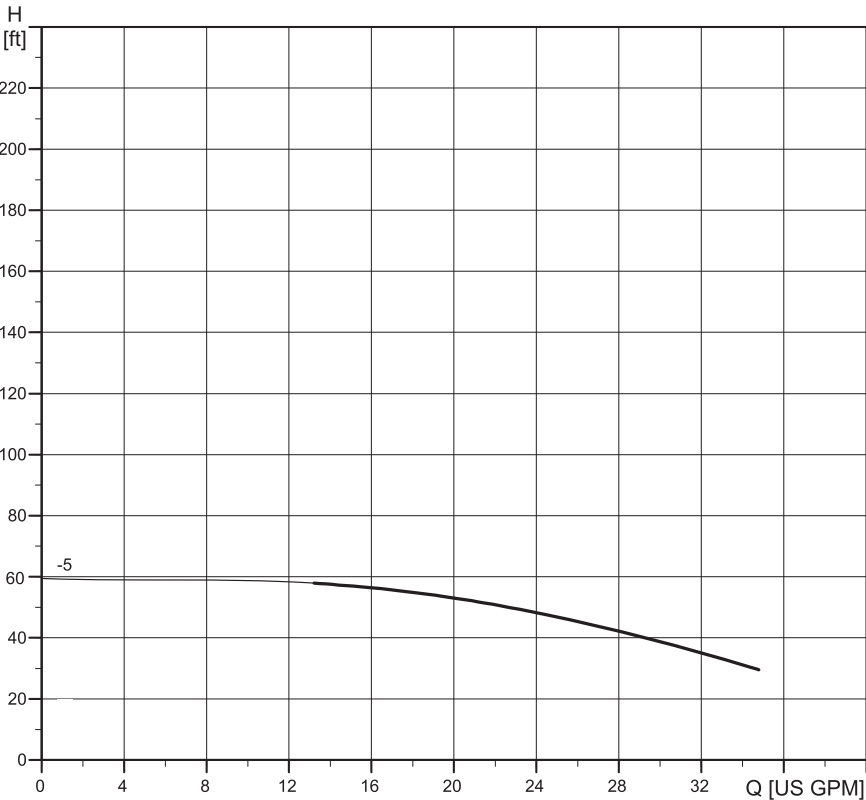
Note: The CR 10 power curve is per stage.



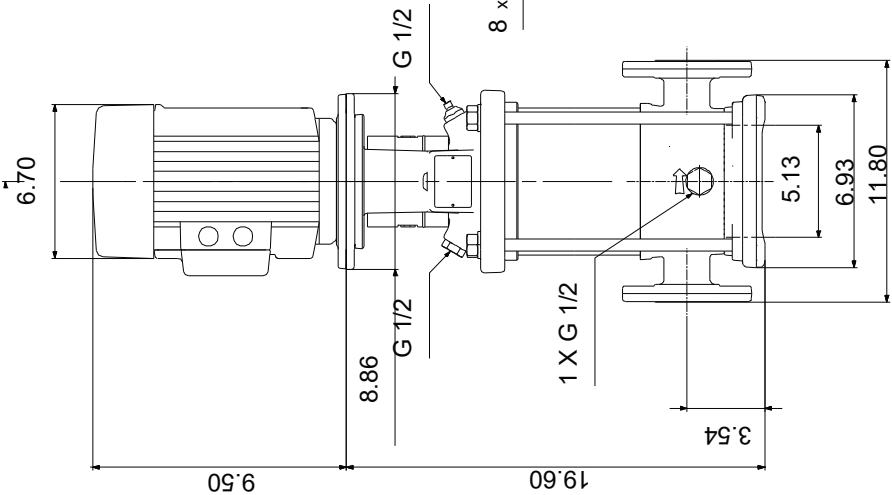
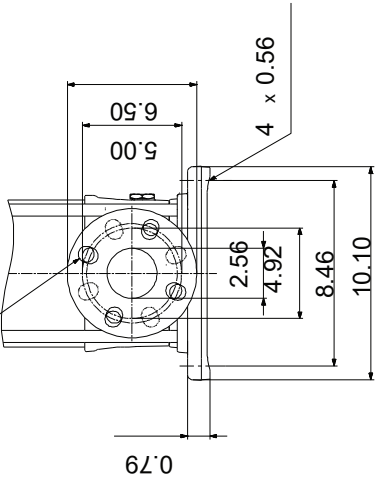
Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 10-5 A-GJ-A-E-HQQE 60 Hz

PERFORMANCE DATA



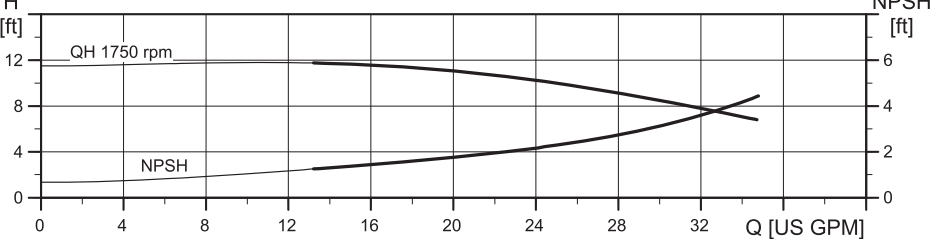
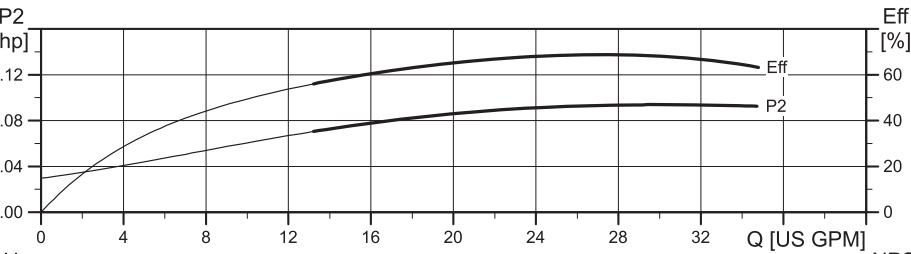
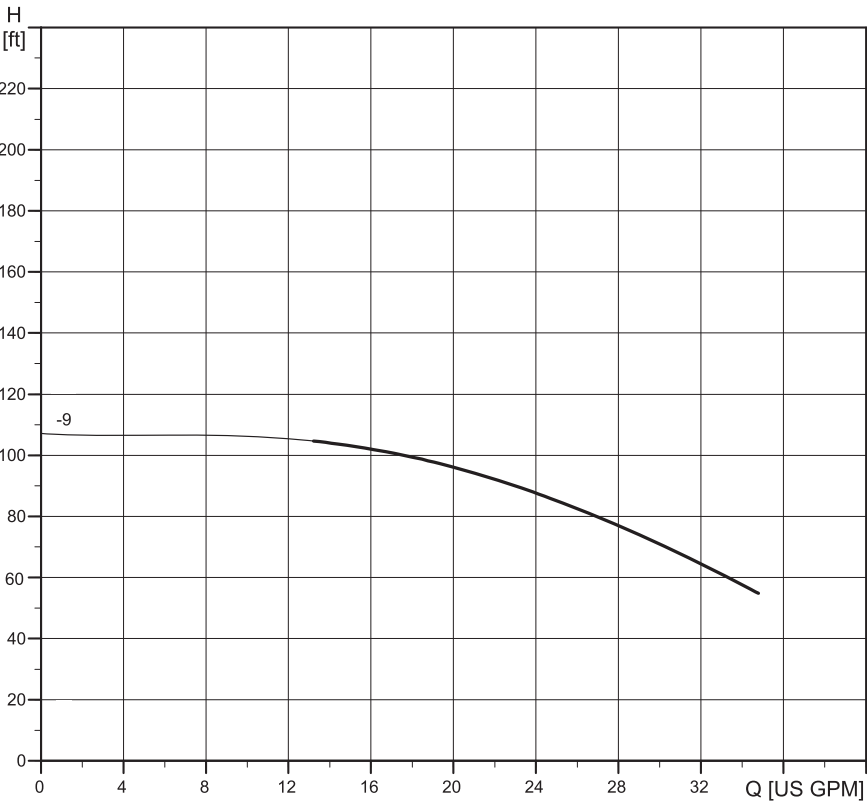
Note: The CR 10 power curve is per stage.



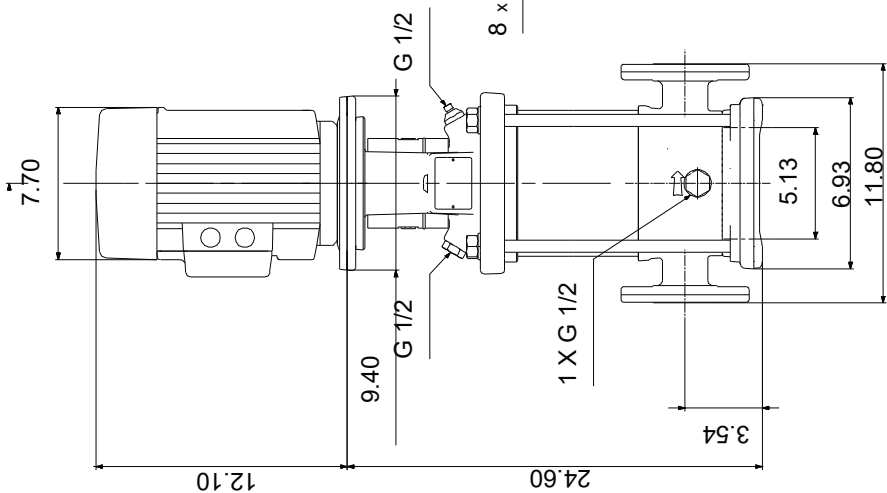
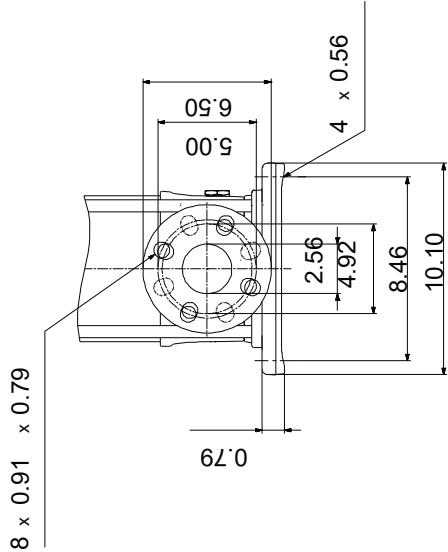
Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 10-9 A-GJ-A-E-HQQE 60 Hz

PERFORMANCE DATA



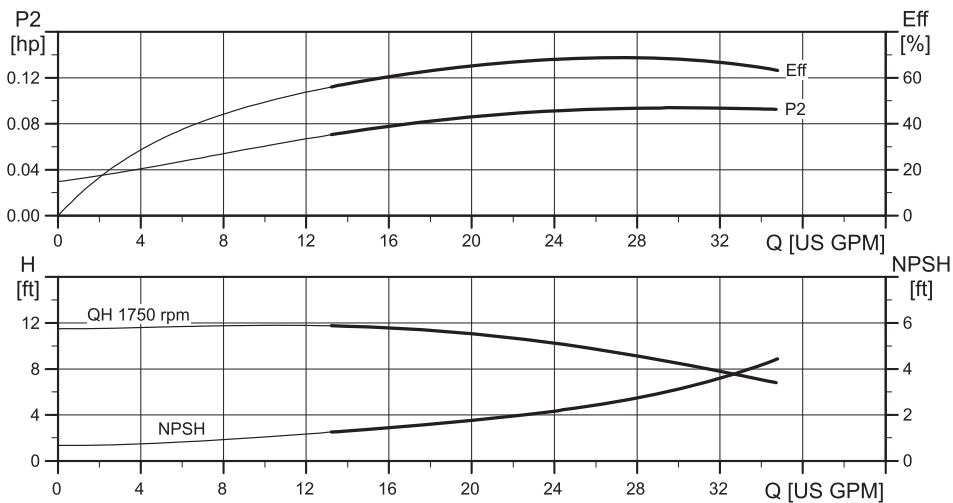
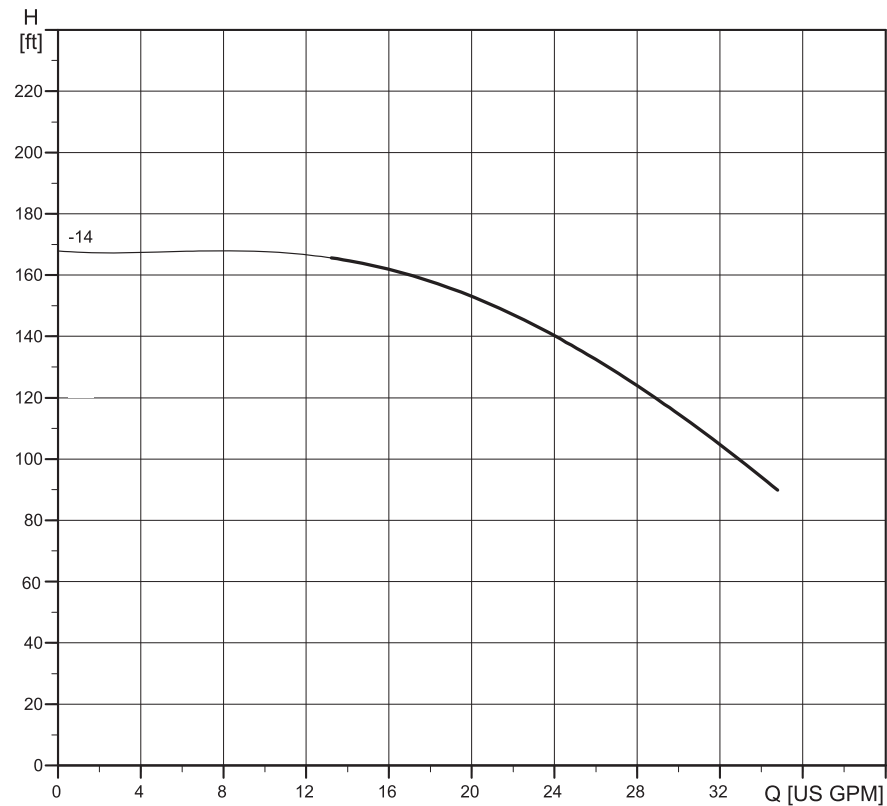
Note: The CR 10 power curve is per stage.



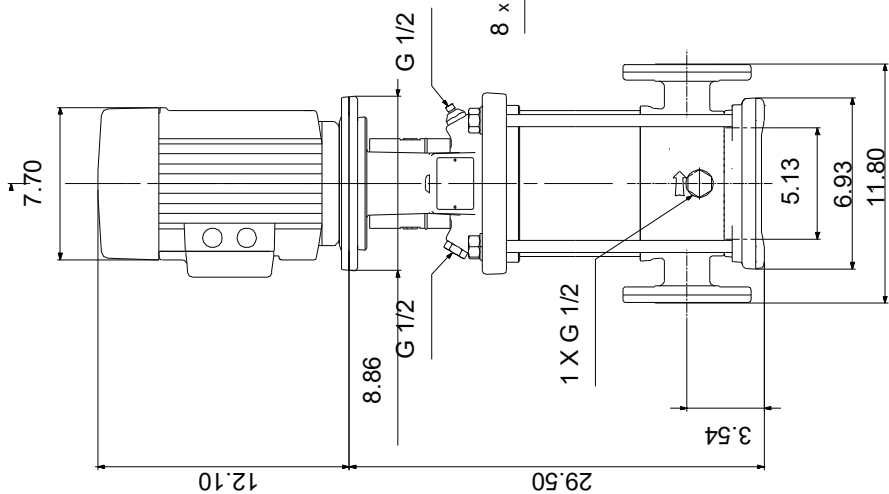
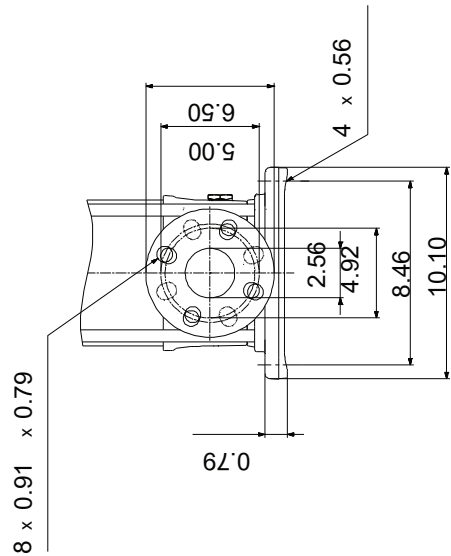
Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 10-14 A-GJ-A-E-HQQE 60 Hz

PERFORMANCE DATA



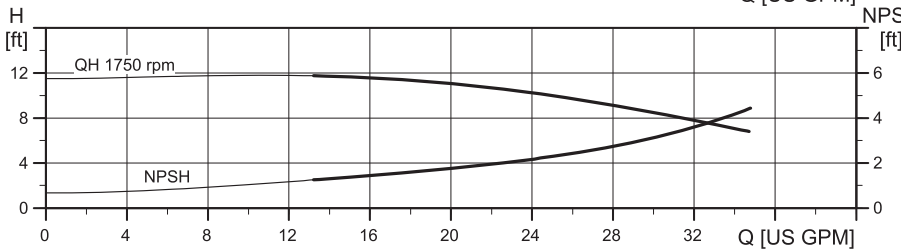
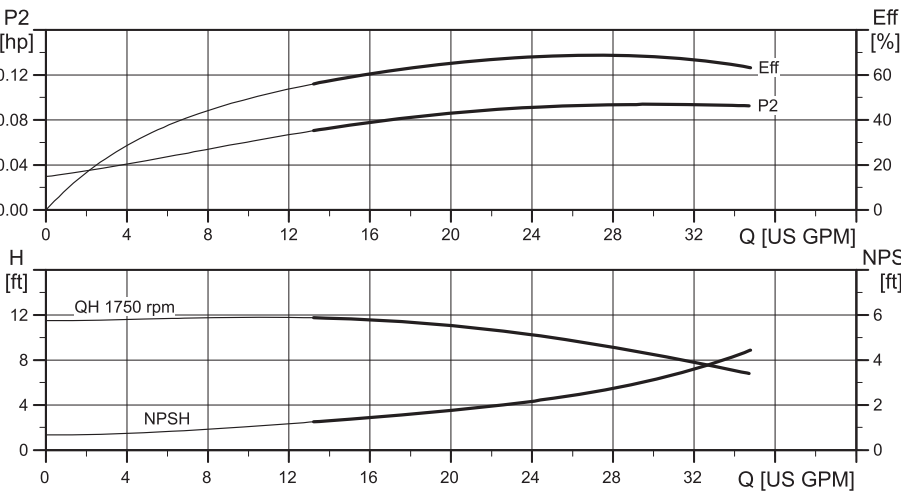
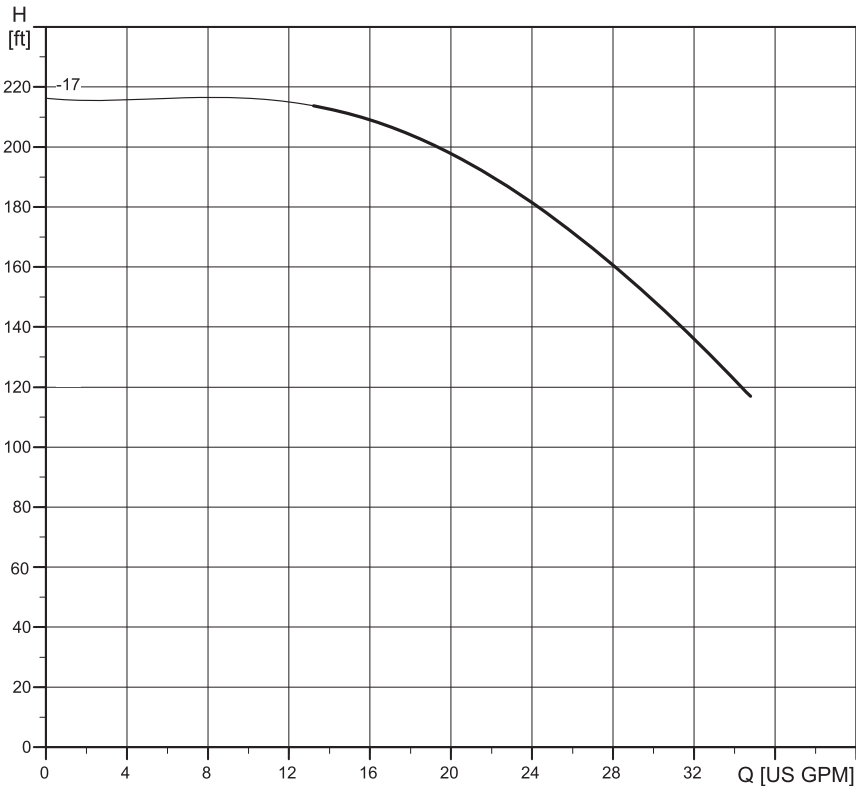
Note: The CR 10 power curve is per stage.



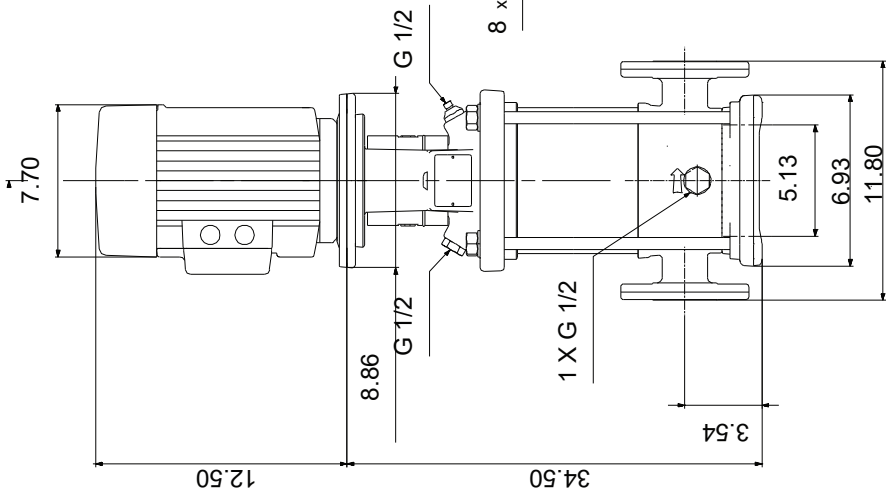
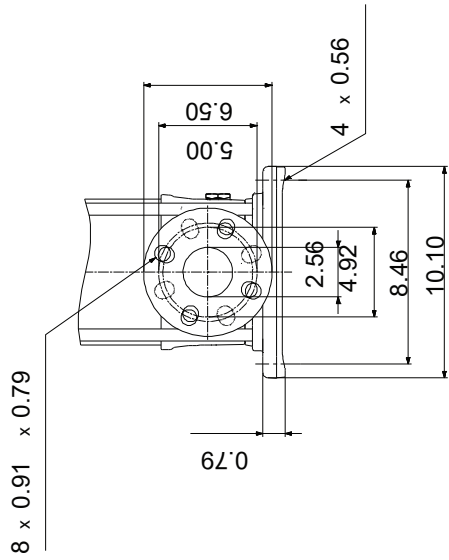
Note: All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

CR 10-17 A-GJ-A-E-HQQE 60 Hz

PERFORMANCE DATA



Note: The CR 10 power curve is per stage.



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

## CR 1,750 Pump Program Order Process

- ✓ All orders must be placed on extranet.
- ✓ The distributor account must be in good standing with Grundfos.
- ✓ Order quantity should not exceed 3 CR Quick Ship pumps per order without prior approval from the Grundfos District Sales Manager.

Visit [grundfos.us/pei](http://grundfos.us/pei) to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.