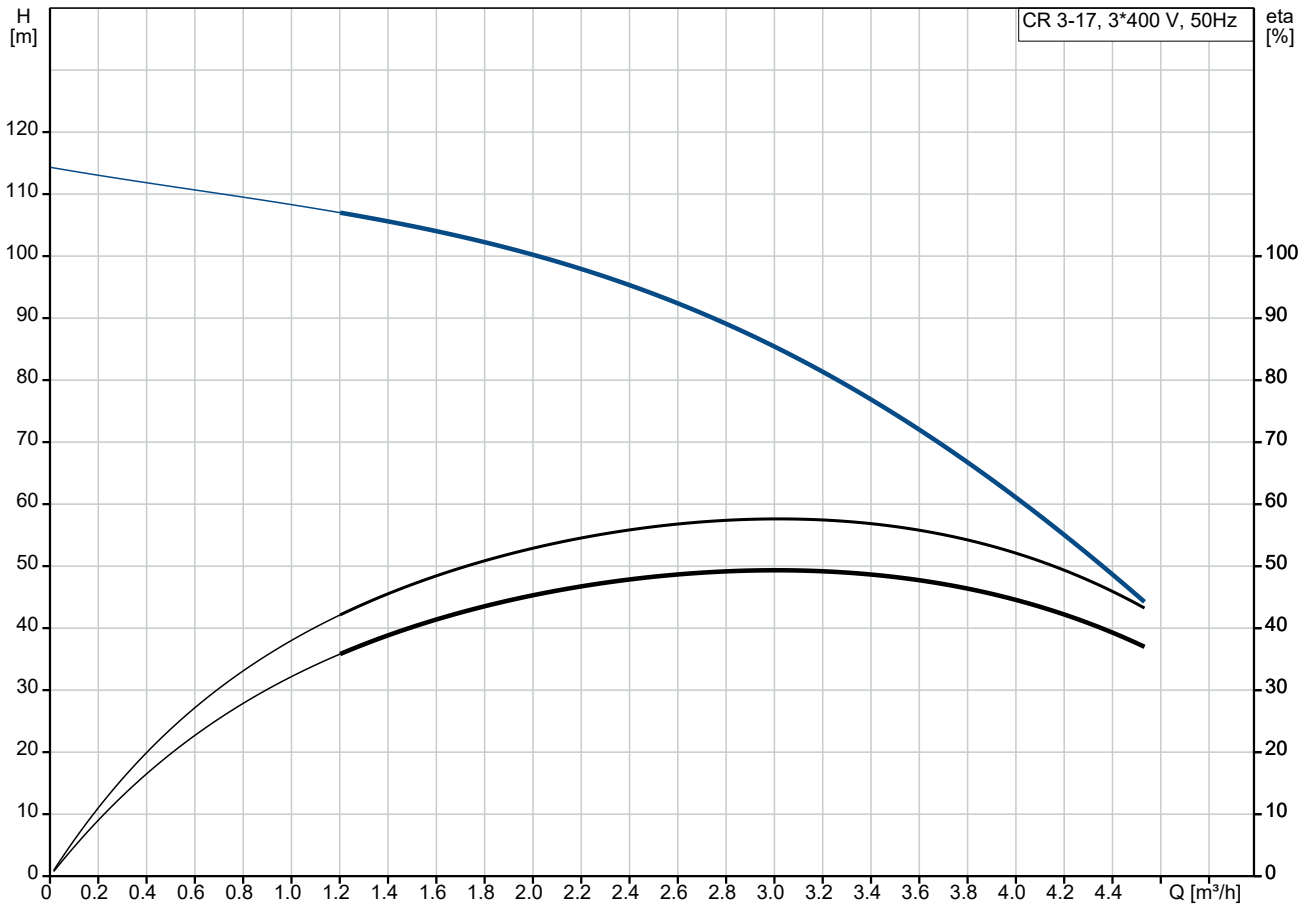
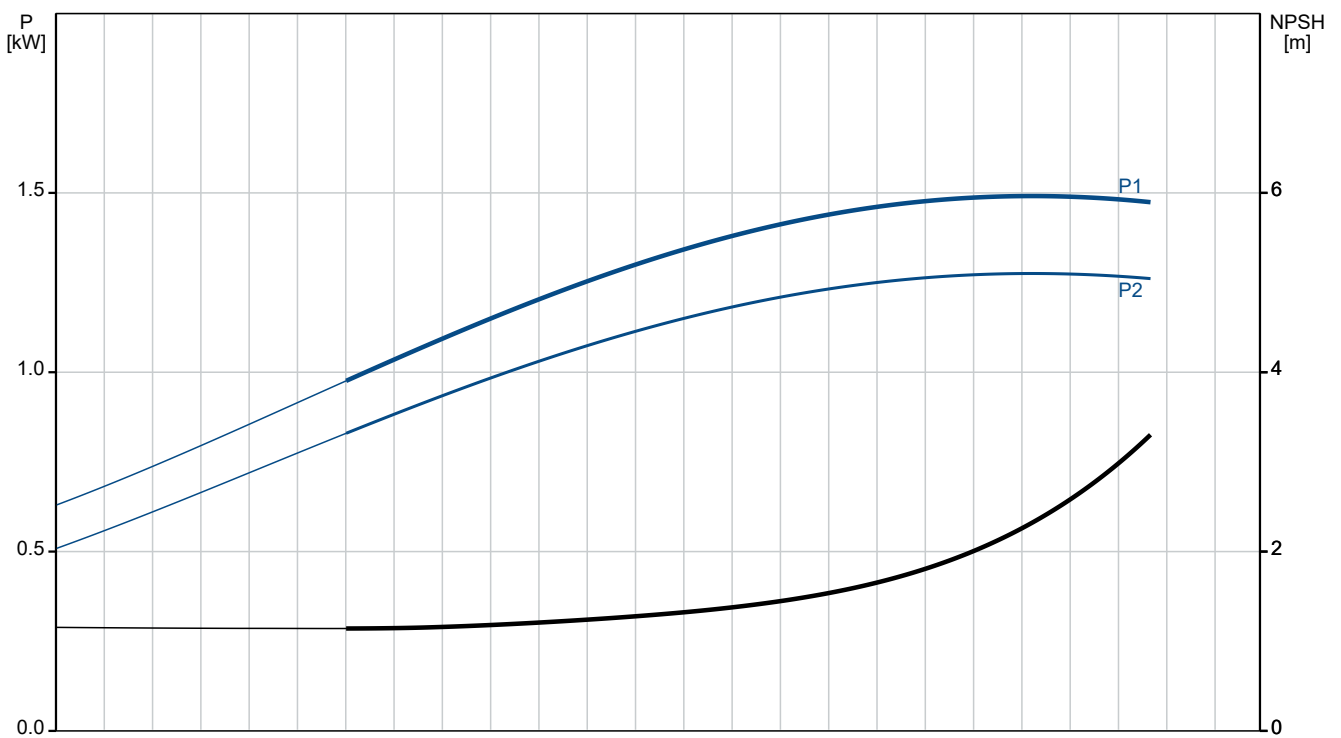


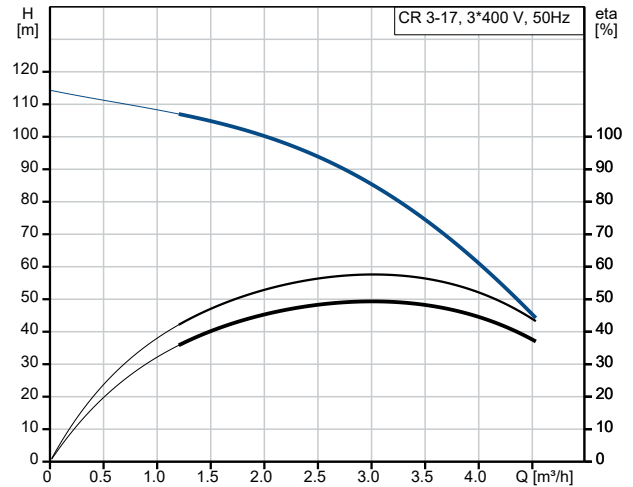
## 97846938 CR 3-17 A-A-A-E-HQBE 50 Hz



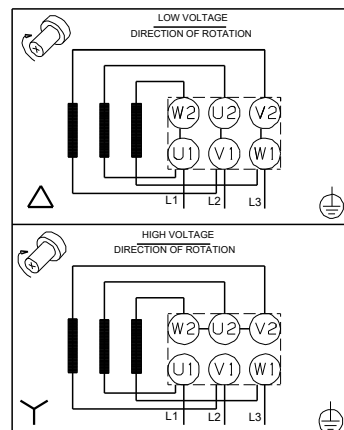
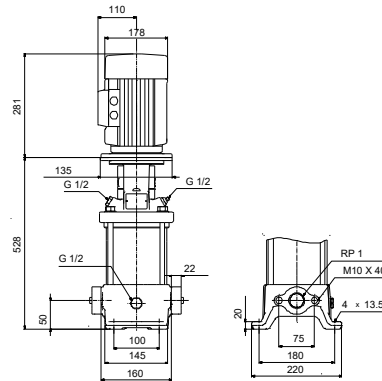
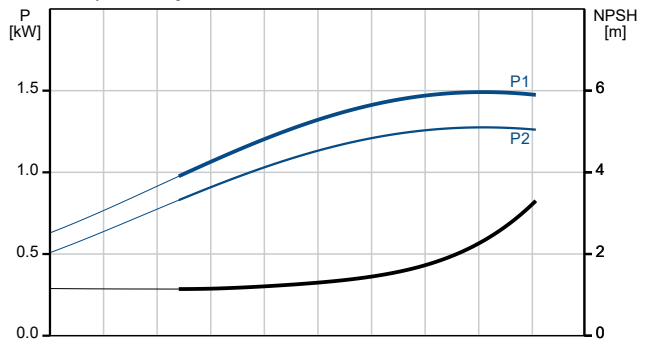
Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³



| Description                              | Value                   |
|------------------------------------------|-------------------------|
| <b>General information:</b>              |                         |
| Product name:                            | CR 3-17 A-A-A-E-HQBE    |
| Product No:                              | 97846938                |
| EAN number:                              | 5710625733539           |
| <b>Technical:</b>                        |                         |
| Pump speed on which pump data are based: | 2896 rpm                |
| Rated flow:                              | 3 m³/h                  |
| Rated head:                              | 82.8 m                  |
| Maximum head:                            | 112.8 m                 |
| Stages:                                  | 17                      |
| Impellers:                               | 17                      |
| Number of reduced-diameter impellers:    | 0                       |
| Low NPSH:                                | N                       |
| Pump orientation:                        | Vertical                |
| Shaft seal arrangement:                  | Single                  |
| Code for shaft seal:                     | HQBE                    |
| Approvals:                               | CE,EAC,UKCA,SEPRO       |
| Approvals for drinking water:            | WRAS                    |
| Curve tolerance:                         | ISO9906:2012 3B         |
| Pump version:                            | A                       |
| 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:             | 60 °C                   |
| Maximum operating pressure:              | 16 bar                  |
| Max pressure at stated temp:             | 16 bar / 120 °C         |
| Max pressure at stated temp:             | 16 bar / 0 °C           |
| Type of connection:                      | Oval / Rp               |
| Size of inlet connection:                | 1 inch                  |
| Size of outlet connection:               | 1 inch                  |
| Pressure rating for connection:          | PN 16                   |
| Flange size for motor:                   | FT115                   |
| Connect code:                            | A                       |
| <b>Liquid:</b>                           |                         |
| Pumped liquid:                           | Water                   |
| Liquid temperature range:                | 0 .. 120 °C             |
| Selected liquid temperature:             | 20 °C                   |
| Density:                                 | 998.2 kg/m³             |
| <b>Electrical data:</b>                  |                         |
| Motor standard:                          | IEC                     |
| Motor type:                              | 90SD                    |
| Rated power - P2:                        | 1.5 kW                  |
| Power (P2) required by pump:             | 1.5 kW                  |
| Mains frequency:                         | 50 Hz                   |
| Rated voltage:                           | 3 x 220-240D/380-415Y V |
| Rated current:                           | 5.70/3.30 A             |



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

13/07/2024

| Description                      | Value                |
|----------------------------------|----------------------|
| Starting current:                | 750-820 %            |
| Cos phi - power factor:          | 0.84-0.78            |
| Rated speed:                     | 2890-2910 rpm        |
| IE Efficiency class:             | IE3                  |
| Motor efficiency at full load:   | 84.2 %               |
| Motor efficiency at 3/4 load:    | 86.4-84.9 %          |
| Motor efficiency at 1/2 load:    | 86.0-83.0 %          |
| Number of poles:                 | 2                    |
| Enclosure class (IEC 34-5):      | 55 Dust/Jetting      |
| Insulation class (IEC 85):       | F                    |
| Built-in motor protection:       | NONE                 |
| Motor No:                        | 85U01906             |
| <b>Controls:</b>                 |                      |
| Frequency converter:             | None                 |
| <b>Others:</b>                   |                      |
| Terminal box position:           | 6                    |
| Minimum efficiency index, MEI ≥: | 0.70                 |
| Net weight:                      | 35.1 kg              |
| Gross weight:                    | 39.2 kg              |
| Shipping volume:                 | 0.092 m³             |
| Sales region:                    | United Arab Emirates |

