

| Qty. | Description |
|------|-------------|
|------|-------------|

|   |                      |
|---|----------------------|
| 1 | CR 20-6 A-F-A-E-HQQE |
|---|----------------------|



Note! Product picture may differ from actual product

Product No.: [96500512](#)

Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:

- Impellers and intermediate chambers are made of Stainless steel, EN 1.4301.
- Pump head and base are made of Cast iron.
- The shaft seal has assembly length according to EN 12756.
- Power transmission is via cast iron split coupling.
- Pipework connection is via DIN flanges.

The motor is a 3-phase AC motor.

Controls:

Terminal box position: 6

Frequency converter: None

Liquid:

Pumped liquid: Water

Liquid temperature range: -20 .. 120 °C

Selected liquid temperature: 20 °C

Density: 998.2 kg/m<sup>3</sup>

Technical:

Pump speed on which pump data are based: 2919 rpm

Rated flow: 21 m<sup>3</sup>/h

Rated head: 70.4 m

Pump orientation: Vertical

Shaft seal arrangement: Single

Primary shaft seal: HQQE

Code for shaft seal: HQQE

Approvals: CE,EAC,UKCA,SEPRO,

Approvals for drinking water: WRAS,ACS

Curve tolerance: ISO9906:2012 3B

Materials:

| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <p>Type key, code for rubber components. E = EPDM, V=FKM: E</p> <p>Base: Cast iron<br/>EN 1561 EN-GJL-250<br/>ASTM A48-35B</p> <p>Impeller: Stainless steel<br/>EN 1.4301<br/>AISI 304</p> <p>Type key, code for materials: A</p> <p>Bearing: SIC</p> <p>Installation:</p> <p>Maximum ambient temperature: 60 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Max pressure at stated temp: 16 bar / 120 °C<br/>16 bar / -20 °C</p> <p>Type of connection: DIN</p> <p>Size of inlet connection: DN 50</p> <p>Size of outlet connection: DN 50</p> <p>Pressure rating for connection: PN 25</p> <p>Flange size for motor: FF265</p> <p>Terminal box position: 6</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 132SB</p> <p>Rated power - P2: 7.5 kW</p> <p>Power (P2) required by pump: 7.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-415D/660-690Y V</p> <p>Rated current: 14,4-14,0/8,30-8,10 A</p> <p>Starting current: 780-910 %</p> <p>Cos phi - power factor: 0.88-0.82</p> <p>Rated speed: 2910-2920 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 90.1-90.4 %</p> <p>Motor efficiency at 3/4 load: 90.8-90.9 %</p> <p>Motor efficiency at 1/2 load: 90.8-90.4 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): IP55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Built-in motor protection: PTC</p> <p>Motor No: 85U17522</p> <p>Others:</p> <p>Minimum efficiency index, MEI ≥: 0.70</p> <p>Net weight: 102 kg</p> <p>Gross weight: 124 kg</p> |



Company name:

Created by:

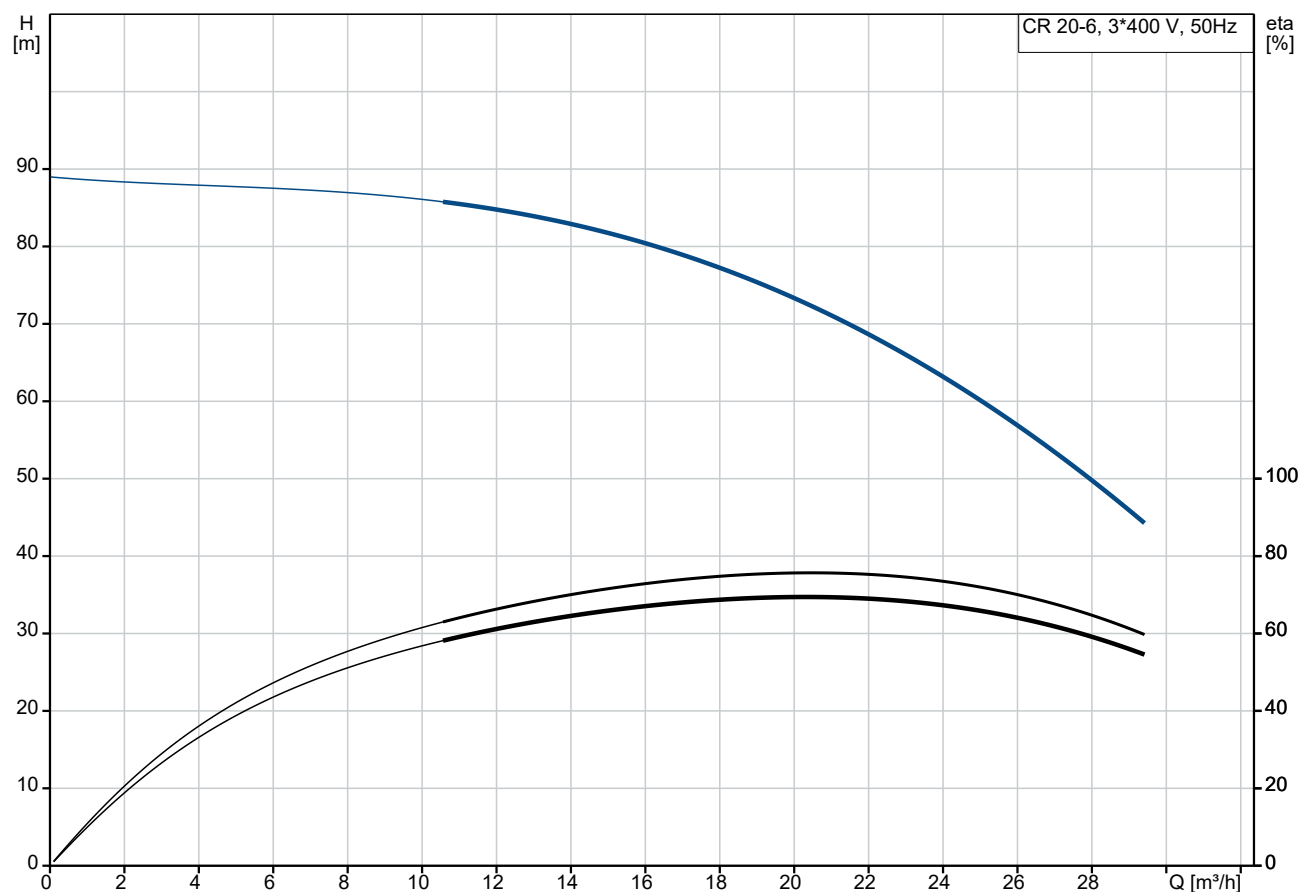
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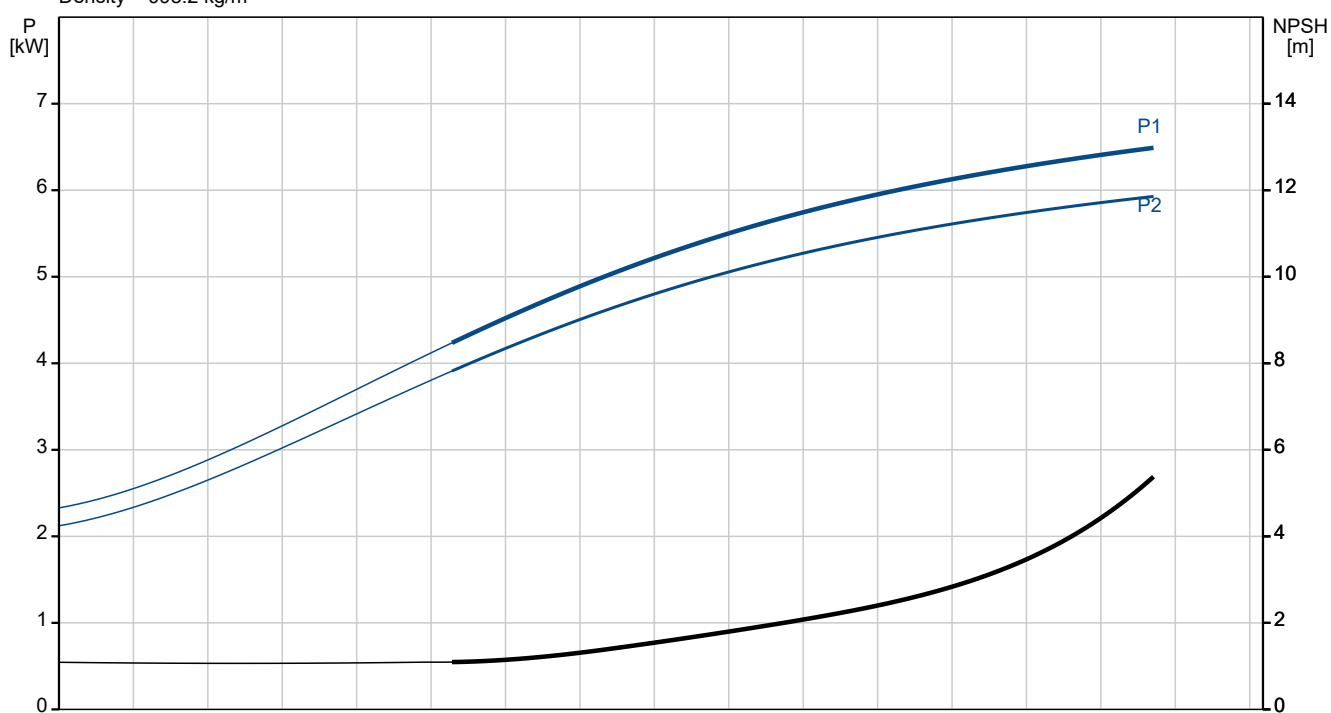
9/9/2026

| Qty. | Description                                                                                                                                                  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <div>Shipping volume: 0.285 m<sup>3</sup></div> <div>Danish VVS No.: 385905360</div> <div>Swedish RSK No.: 5823490</div> <div>Finnish LVI No.: 4925449</div> |

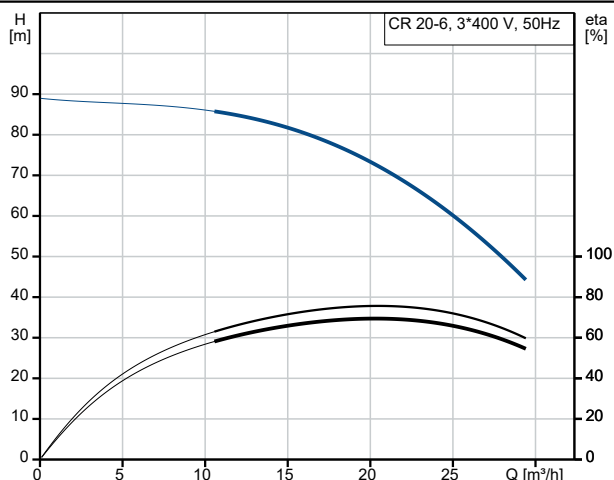
## 96500512 CR 20-6 A-F-A-E-HQQE 50 Hz



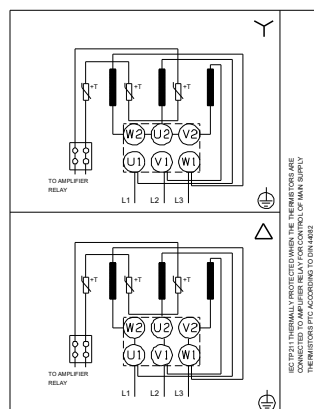
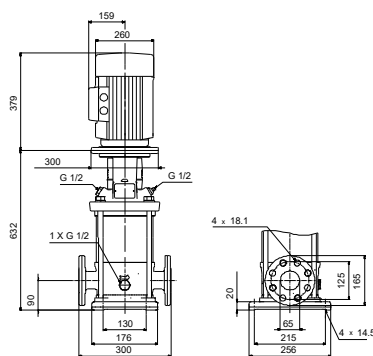
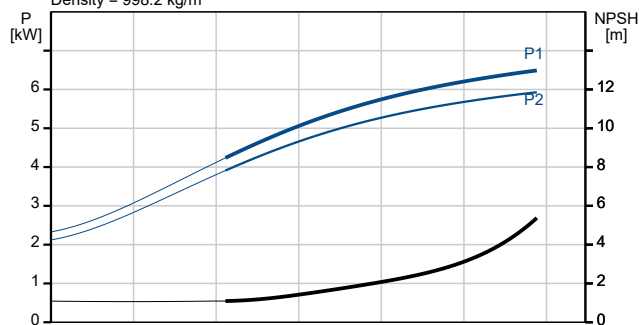
Pumped liquid = Water  
 Liquid temperature during operation = 20 °C  
 Density = 998.2 kg/m³



| Description                                            | Value                 |
|--------------------------------------------------------|-----------------------|
| <b>General information:</b>                            |                       |
| Product name:                                          | CR 20-6 A-F-A-E-HQQE  |
| Product No:                                            | 96500512              |
| EAN number:                                            | 5700396203300         |
| Price:                                                 |                       |
| <b>Technical:</b>                                      |                       |
| Pump speed on which pump data are based:               | 2919 rpm              |
| Rated flow:                                            | 21 m³/h               |
| Rated head:                                            | 70.4 m                |
| Maximum head:                                          | 88.4 m                |
| Stages:                                                | 6                     |
| Impellers:                                             | 6                     |
| Number of reduced-diameter impellers:                  | 0                     |
| Low NPSH:                                              | N                     |
| Pump orientation:                                      | Vertical              |
| Shaft seal arrangement:                                | Single                |
| Primary shaft seal:                                    | HQQE                  |
| Code for shaft seal:                                   | HQQE                  |
| Approvals:                                             | CE, EAC, UKCA, SEPRO, |
| Approvals for drinking water:                          | WRAS, ACS             |
| Curve tolerance:                                       | ISO9906:2012 3B       |
| Pump version:                                          | A                     |
| Model:                                                 | A                     |
| Pump type:                                             | CR                    |
| <b>Materials:</b>                                      |                       |
| Type key, code for rubber components. E = EPDM, V=FKM: | E                     |
| Base:                                                  | Cast iron             |
|                                                        | EN 1561 EN-GJL-250    |
|                                                        | ASTM A48-35B          |
| Impeller:                                              | Stainless steel       |
|                                                        | EN 1.4301             |
|                                                        | AISI 304              |
| Type key, code for materials:                          | 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       |
|                                                        | 16 bar / -20 °C       |
| Type key, code for pipework connection:                | F                     |
| Type of connection:                                    | DIN                   |
| Size of inlet connection:                              | DN 50                 |
| Size of outlet connection:                             | DN 50                 |
| Pressure rating for connection:                        | PN 25                 |
| Flange size for motor:                                 | FF265                 |
| Terminal box position:                                 | 6                     |
| Connect code:                                          | F                     |
| <b>Liquid:</b>                                         |                       |
| Pumped liquid:                                         | Water                 |
| Liquid temperature range:                              | -20 .. 120 °C         |
| Selected liquid temperature:                           | 20 °C                 |
| Density:                                               | 998.2 kg/m³           |
| <b>Electrical data:</b>                                |                       |



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





Company name:

Created by:

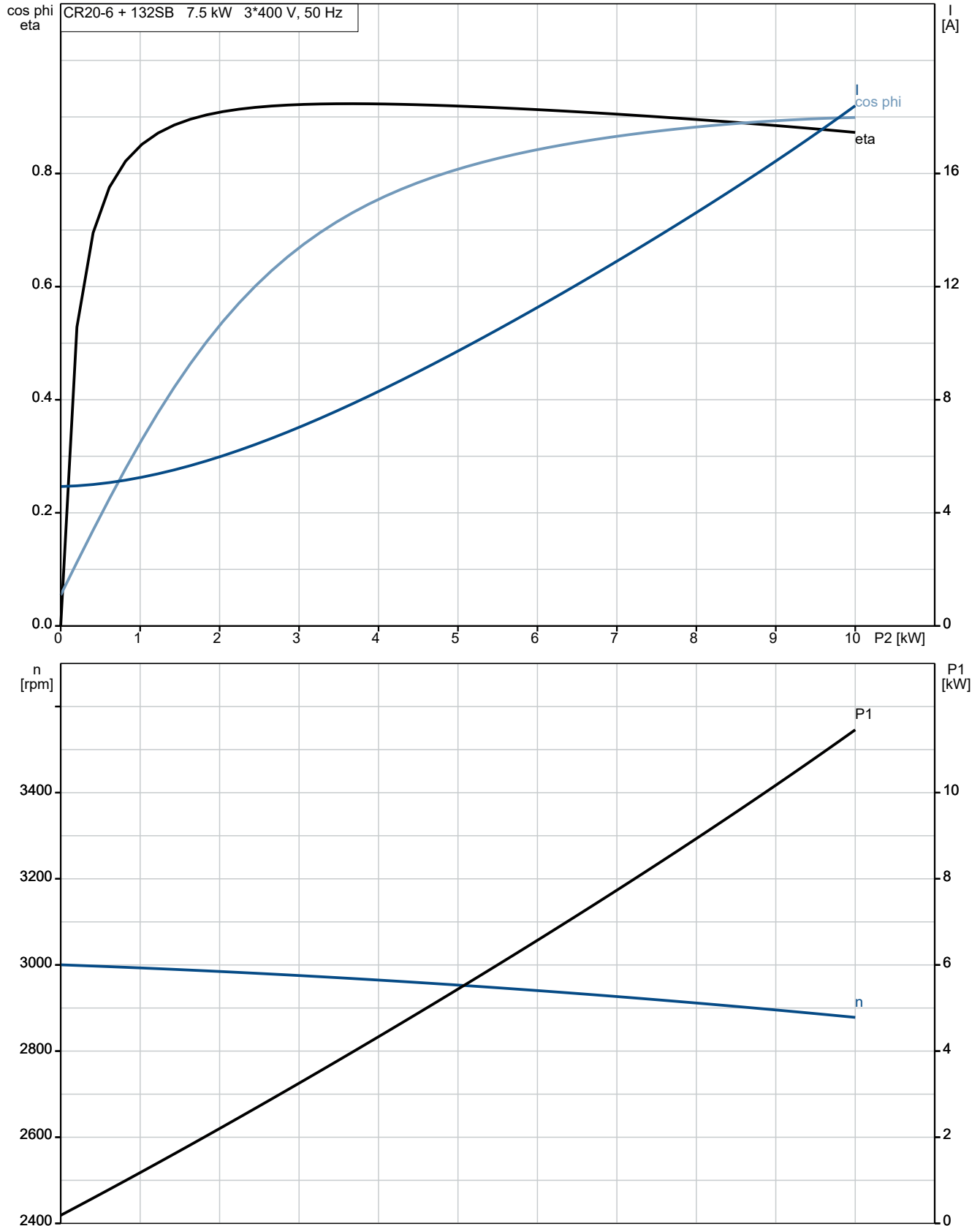
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Date:

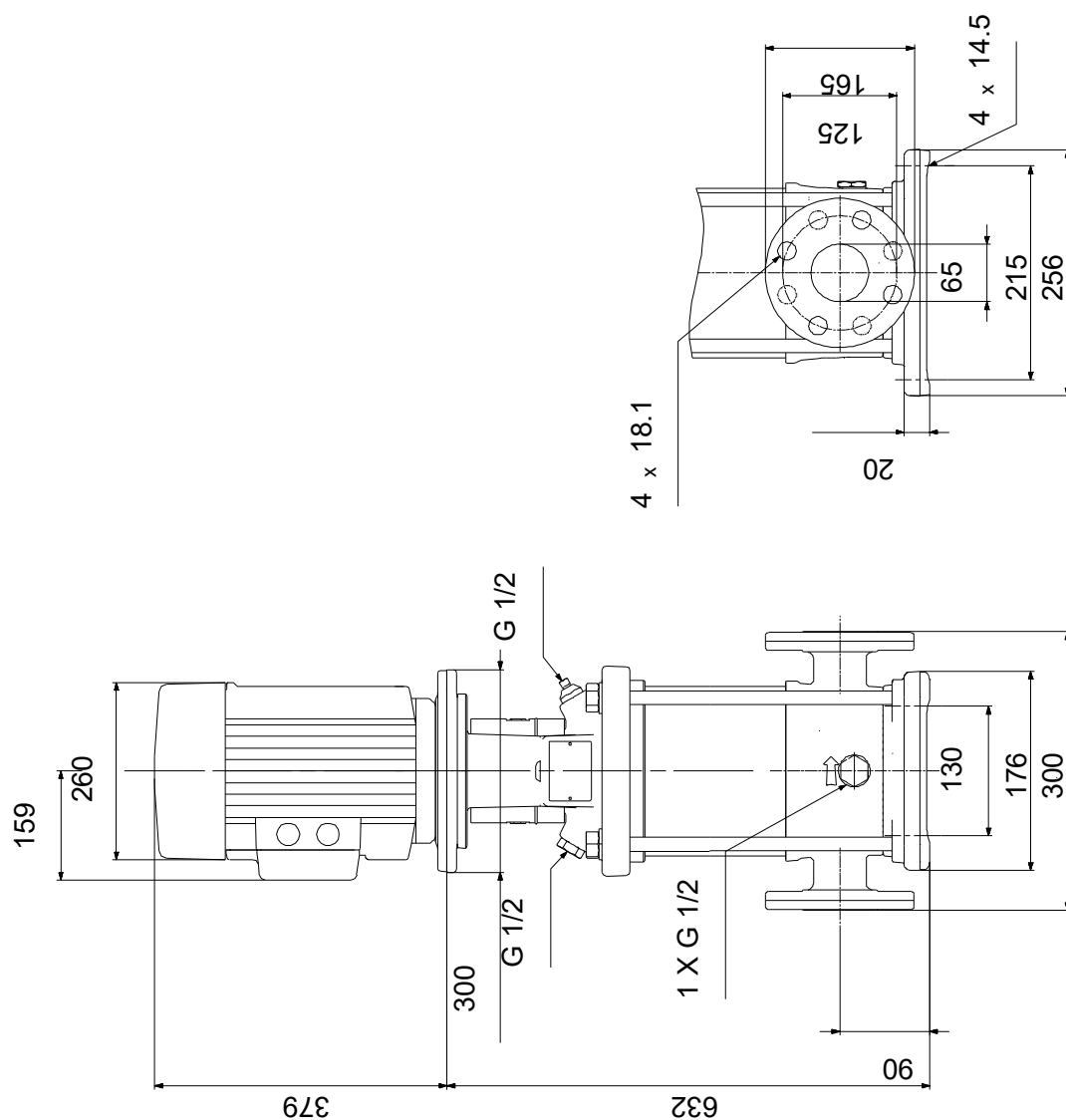
9/9/2026

| Description                      | Value                      |
|----------------------------------|----------------------------|
| Motor standard:                  | IEC                        |
| Motor type:                      | 132SB                      |
| Rated power - P2:                | 7.5 kW                     |
| Power (P2) required by pump:     | 7.5 kW                     |
| Mains frequency:                 | 50 Hz                      |
| Rated voltage:                   | 3 x 380-415D/660-690Y<br>V |
| Rated current:                   | 14,4-14,0/8,30-8,10 A      |
| Starting current:                | 780-910 %                  |
| Cos phi - power factor:          | 0.88-0.82                  |
| Rated speed:                     | 2910-2920 rpm              |
| IE Efficiency class:             | IE3                        |
| Motor efficiency at full load:   | 90.1-90.4 %                |
| Motor efficiency at 3/4 load:    | 90.8-90.9 %                |
| Motor efficiency at 1/2 load:    | 90.8-90.4 %                |
| Number of poles:                 | 2                          |
| Enclosure class (IEC 34-5):      | IP55 Dust/Jetting          |
| Insulation class (IEC 85):       | F                          |
| Built-in motor protection:       | PTC                        |
| Motor No:                        | <a href="#">85U17522</a>   |
| <b>Controls:</b>                 |                            |
| Terminal box position:           | 6                          |
| Frequency converter:             | None                       |
| <b>Others:</b>                   |                            |
| Minimum efficiency index, MEI ≥: | 0.70                       |
| Net weight:                      | 102 kg                     |
| Gross weight:                    | 124 kg                     |
| Shipping volume:                 | 0.285 m³                   |
| Danish VVS No.:                  | 385905360                  |
| Swedish RSK No.:                 | 5823490                    |
| Finnish LVI No.:                 | 4925449                    |

## 96500512 CR 20-6 A-F-A-E-HQQE 50 Hz

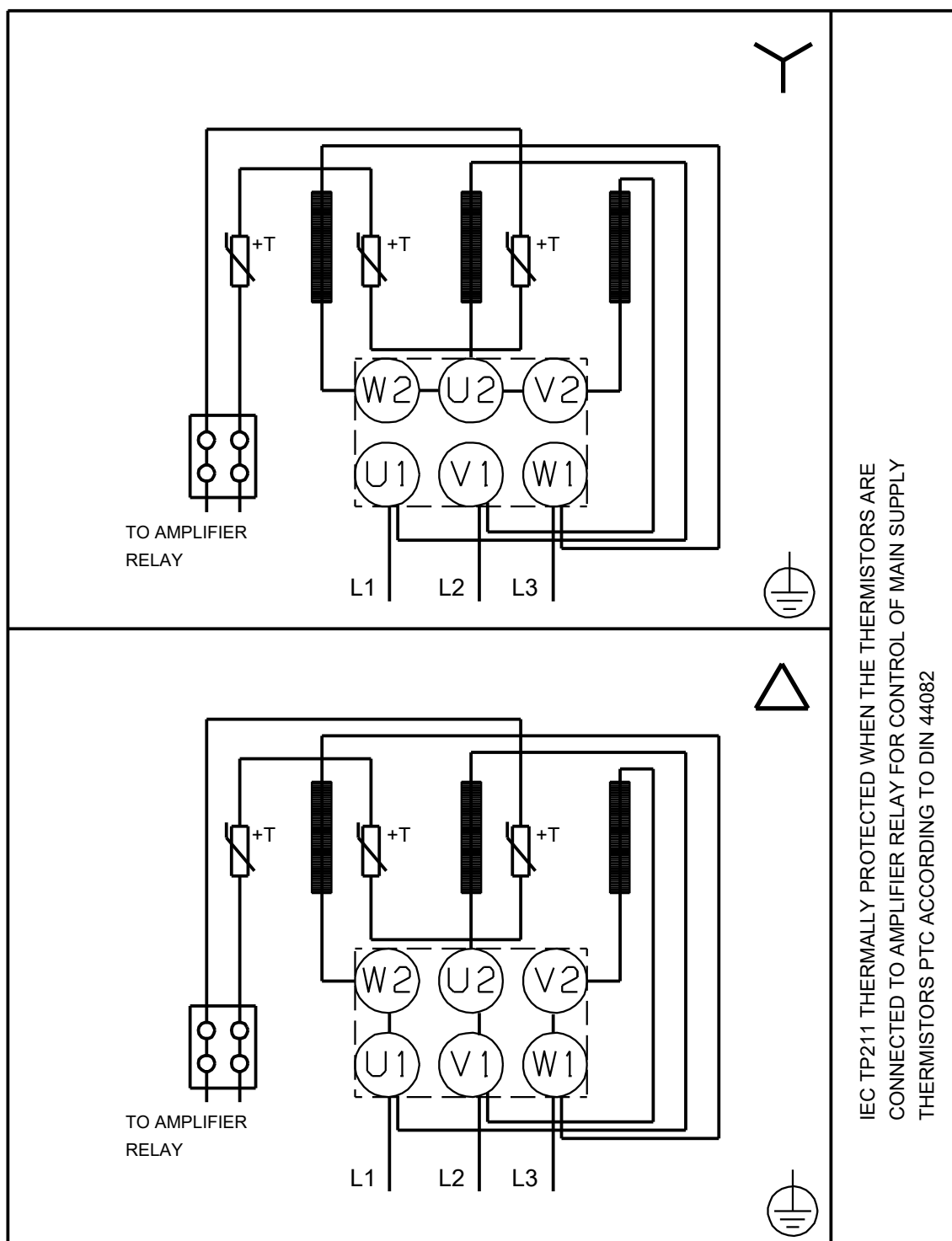


## 96500512 CR 20-6 A-F-A-E-HQQE 50 Hz



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

## 96500512 CR 20-6 A-F-A-E-HQQE 50 Hz



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE  
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY  
THERMISTORS PTC ACCORDING TO DIN 44082

Note! All units are in [mm] unless others are stated.