

Contact  
E-mail  
Phone

**Customer**

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Phone

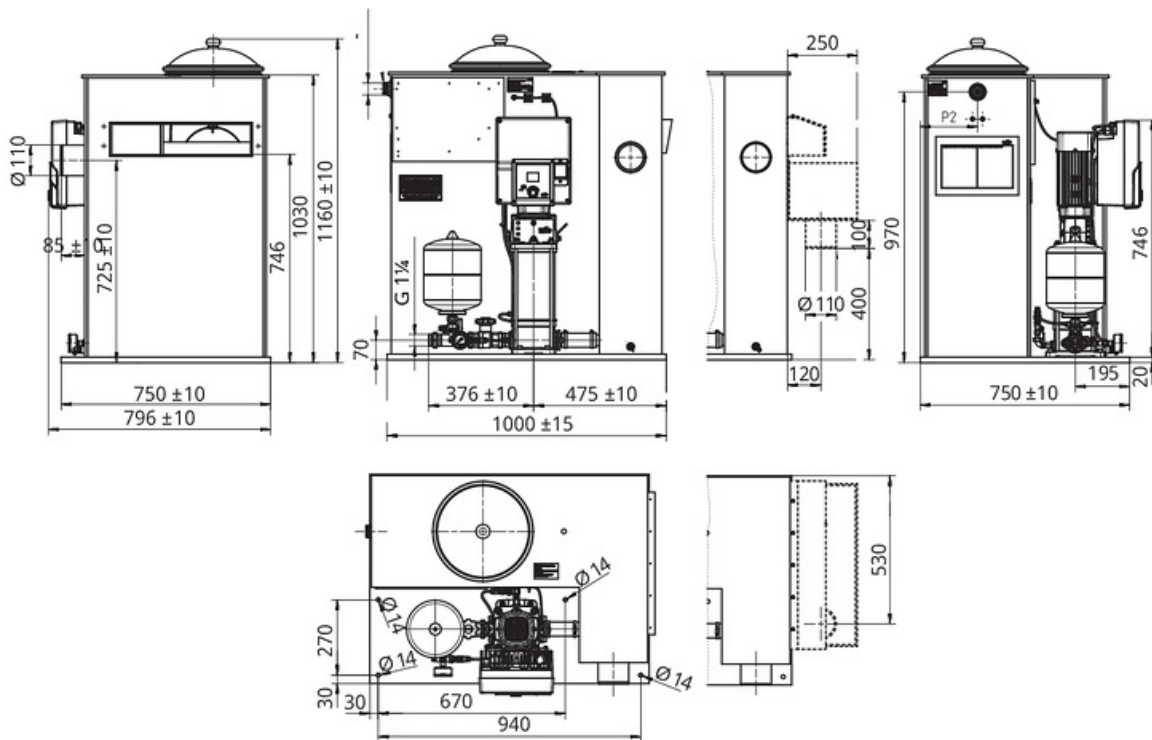
## Dimensions

Single-pump system  
COR/T-1HELIX2.0 VE603-GE

Project ID                      Untitled project 2025-03-02 00:10:15.936

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-02



**Standard**

Suction side                      G 1 1/4, PN 10/PN 16  
Discharge side                    G 1 1/4, PN 10/PN 16

**Dimensions**                    mm

| Name | Value | Name | Value | Name | Value | Name | Value |
|------|-------|------|-------|------|-------|------|-------|
|------|-------|------|-------|------|-------|------|-------|

**Customer**

## Technical data

### Single-pump system

### COR/T-1HELIX2.0 VE603-GE

Project ID                      Untitled project 2025-03-02 00:10:15.936

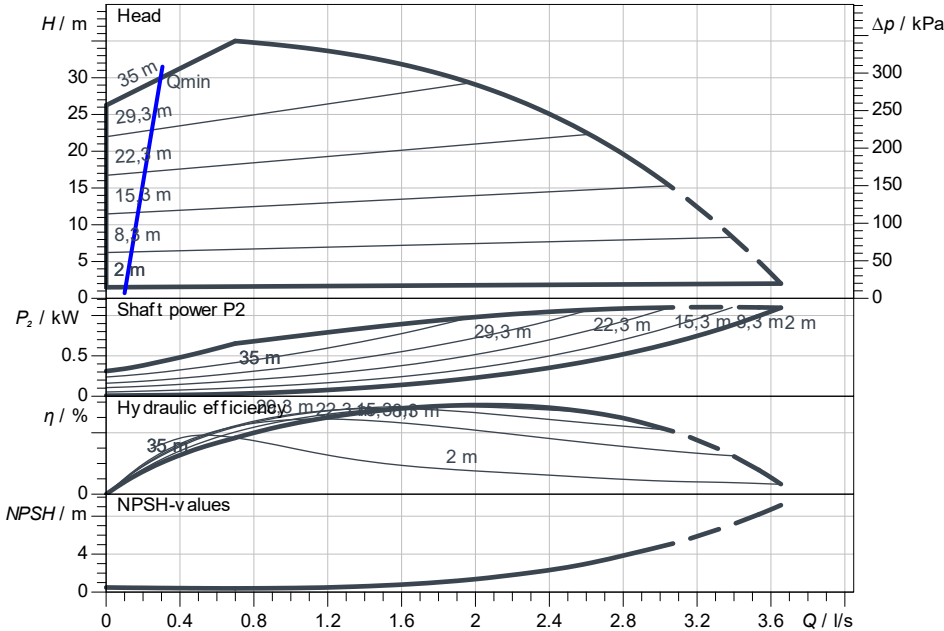
Project name                    B6FB069C-0A4D-438F-B1B2-F5CB6E8C30C0

Installation location

Customer pos. No.

Date                      2025-03-02

#### Duty chart



#### Requested data

|                   |                          |
|-------------------|--------------------------|
| Flow              |                          |
| Head              |                          |
| Media             | Water 100 %              |
| Fluid temperature | 20.00 °C                 |
| Density           | 998.30 kg/m <sup>3</sup> |
| Kin. viscosity    | 1.00 mm <sup>2</sup> /s  |

#### Hydraulic data (Duty point)

|                |  |
|----------------|--|
| Flow           |  |
| Head           |  |
| Shaft power P2 |  |

#### Product data

|                                |                          |
|--------------------------------|--------------------------|
| Single-pump system             |                          |
| COR/T-1HELIX2.0 VE603-GE       |                          |
| Control                        | With frequency converter |
| No. of pumps                   | 1                        |
| Max. operating pressure        | 1,600 kPa                |
| Inlet pressure max.            | 6 bar                    |
| Fluid temperature              | 5 °C ... +40 °C          |
| Max. ambient temperature       | 40 °C                    |
| Protection class motor         | IP55                     |
| Protection class of switchgear | IP55                     |
| Diaphragm pressure vessel      | Yes                      |
| Low-water cut-out switchgear   | No                       |

#### Motordata per Motor/Pump

|                             |                        |
|-----------------------------|------------------------|
| Motor efficiency level      | IE5                    |
| Mains connection            | 3~ 400 V / 50 Hz       |
| Permitted voltage tolerance | 400/50: +/- 10%, 380/6 |
| Rated speed                 |                        |
| Rated power P2              | 1.10 kW                |
| Rated current               | 2.00 A                 |
| Power factor                |                        |
| Efficiency                  | 50% / 75% / 100%       |
| Degree of protection        | IP55                   |
| Insulation class            | F                      |
| Motor protection            | Yes                    |

#### Fitting dimensions

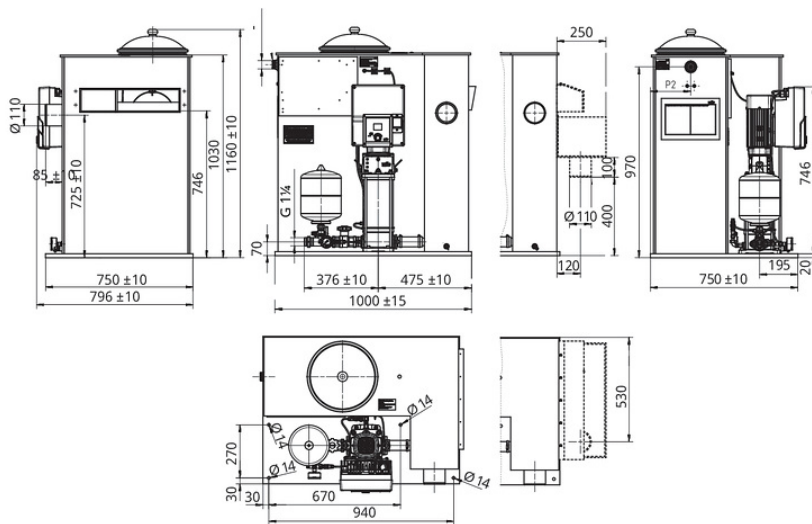
|                                     |                |
|-------------------------------------|----------------|
| Pipe connection on the suction side | G 1 1/4, PN 10 |
| Pipe connection (pressure side)     | G 1 1/4, PN 16 |
| Overflow connection                 | Ø 110          |
| Gross volume                        | 150 l          |

#### Materials

|                   |        |
|-------------------|--------|
| Tank              | PE-HD  |
| Pump housing      | 1.4301 |
| Impeller          | 1.4307 |
| Shaft             | 1.4301 |
| Shaft seal        | BQ7EGG |
| Gasket material   | EPDM   |
| Pipework material | 1.4307 |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 93 kg   |
| Item number    | 4254834 |



#### Dimensions

mm