

# Technical data

## Multi-pump system

### COR-3 MVIE 9503/2/SCe

Project ID

Untitled project 2025-03-01 23:56:42.904

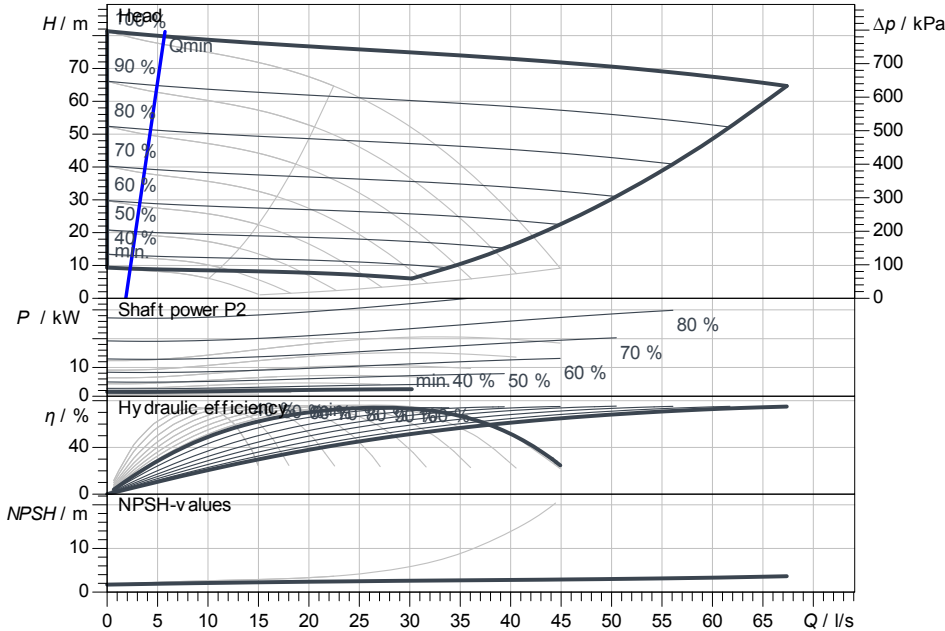
Project name

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/m³ |
| Kin. viscosity    | 1.00 mm²/s   |

#### Hydraulic data (Duty point)

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

#### Product data

|                                |                          |
|--------------------------------|--------------------------|
| Multi-pump system              |                          |
| COR-3 MVIE 9503/2/SCe          |                          |
| Control                        | With frequency converter |
| No. of pumps                   | 3                        |
| Max. operating pressure        | 1,600 kPa                |
| Inlet pressure max.            | 10 bar                   |
| Fluid temperature              | 3 °C ... +60 °C          |
| Max. ambient temperature       | 50 °C                    |
| Protection class motor         | IP55                     |
| Protection class of switchgear | IP54                     |
| Diaphragm pressure vessel      | Yes                      |
| Low-water cut-out switchgear   | Yes                      |

#### Motor data per Motor/Pump

|                             |                  |
|-----------------------------|------------------|
| Motor efficiency level      | IE5              |
| Mains connection            | 3~ 400 V / 50 Hz |
| Permitted voltage tolerance |                  |
| Max. speed                  |                  |
| Rated power P2              | 22.00 kW         |
| Rated current               | 38.00 A          |

|                  |                     |
|------------------|---------------------|
| Efficiency       | 50 % / 75 % / 100 % |
| Insulation class | F                   |
| Motor protection | Yes                 |

#### Fitting dimensions

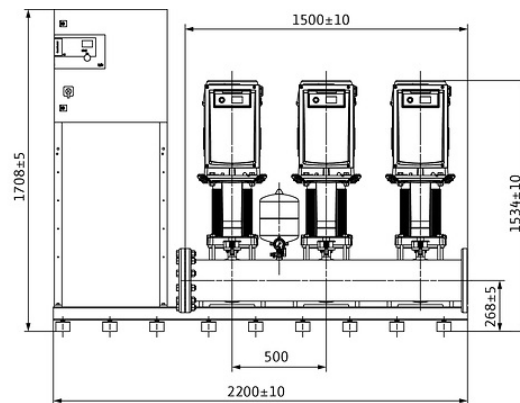
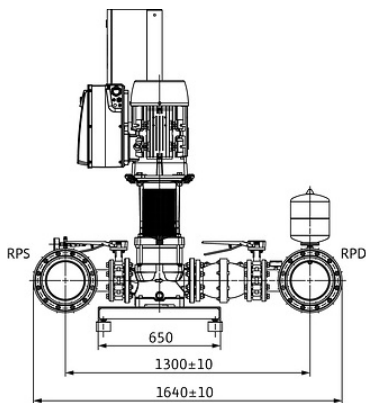
|                                     |               |
|-------------------------------------|---------------|
| Pipe connection on the suction side | DN 200, PN 16 |
| Pipe connection (pressure side)     | DN 200, PN 16 |

#### Materials

|                   |                   |
|-------------------|-------------------|
| Pump housing      | 5.1301/EN-GJL-250 |
| Impeller          | 1.4408            |
| Shaft             | 1.4057            |
| Shaft seal        | BQ 7EGG           |
| Gasket material   | EPDM              |
| Pipework material | 1.4404            |

#### Information for order placements

|                |         |
|----------------|---------|
| Weight approx. | 1277 kg |
| Item number    | 2552099 |



#### Dimensions

mm



Contact  
E-mail  
Phone

Customer

Contact  
E-mail  
Phone

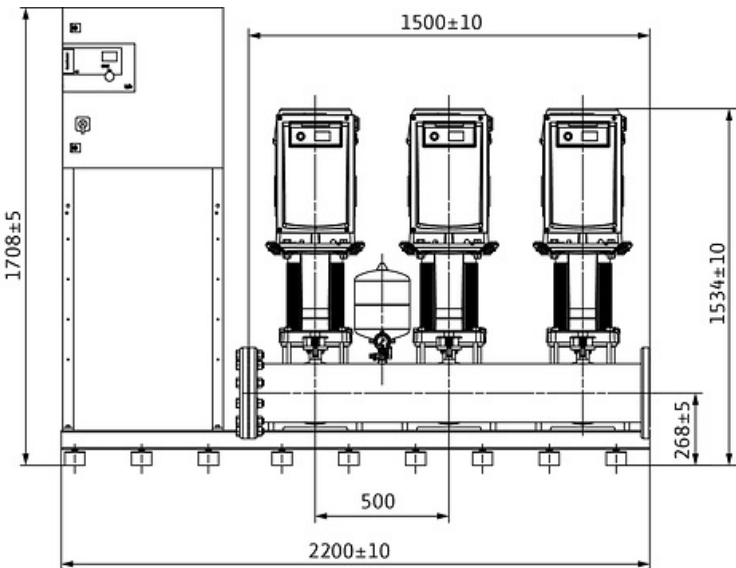
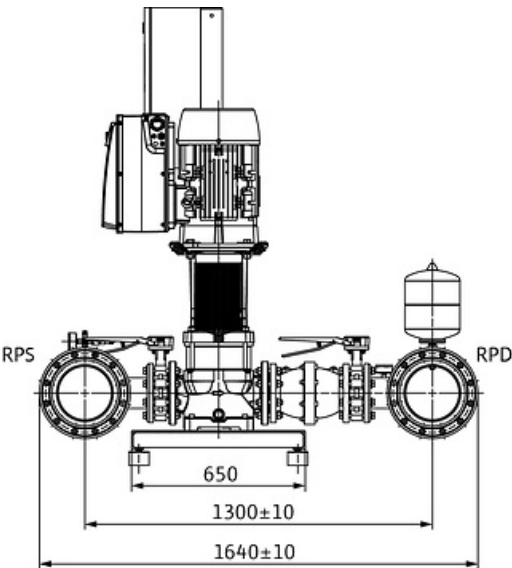
Dimensions

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Standard

Suction side                      DN 200, PN 16  
Discharge side                      DN 200, PN 16

Dimensions                      mm

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