

**Customer**

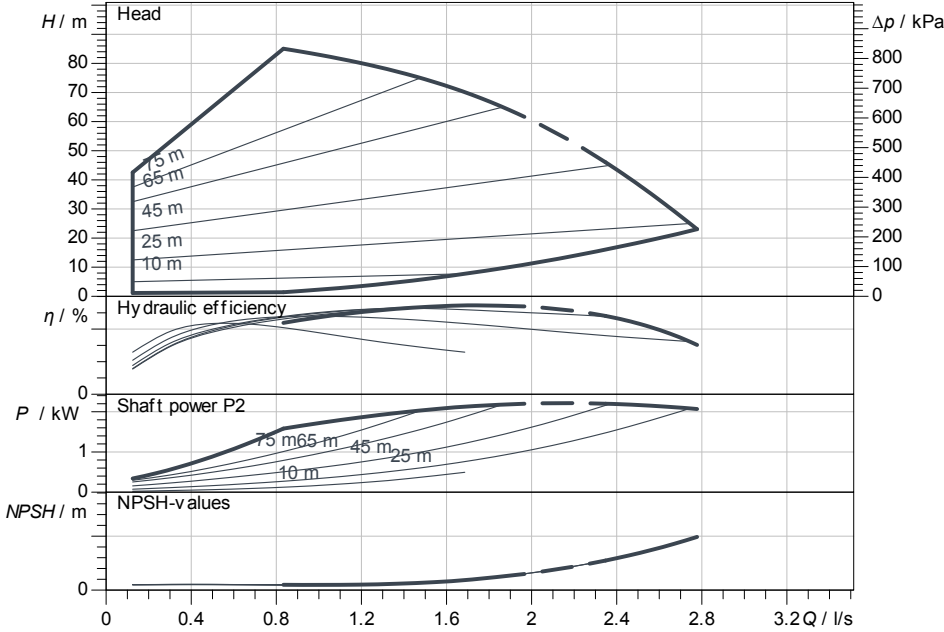
## Technical data

### Single-pump system COR 1MHIE406-DM-T260

Project ID: Untitled project 2025-03-02 21:24:14.471  
Project name: 6C90C77B-B4BC-4635-8C81-17A0DFF59C1D  
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 1MHIE406-DM-T260  
Control: With frequency converter  
No. of pumps: 1  
Max. operating pressure: 1,000 kPa  
Inlet pressure max.: 6 bar  
Fluid temperature: 3 °C ... +50 °C  
Max. ambient temperature: 40 °C  
Protection class motor: IP54  
Protection class of switchgear: IP54  
Diaphragm pressure vessel: Yes  
Low-water cut-out switchgear: Yes

#### Motordata per Motor/Pump

Motor efficiency level: IE3  
Mains connection: 3~ 400 V / 50 Hz  
Permitted voltage tolerance: 400/50: +/- 10%, 380/60  
Rated speed: 3,500 1/min  
Rated power P2: 2.20 kW  
Rated current: 5.60 A  
Power factor  
Efficiency: 50% / 75% / 100%  
Degree of protection: IP54  
Insulation class: F  
Motor protection: Yes

#### Fitting dimensions

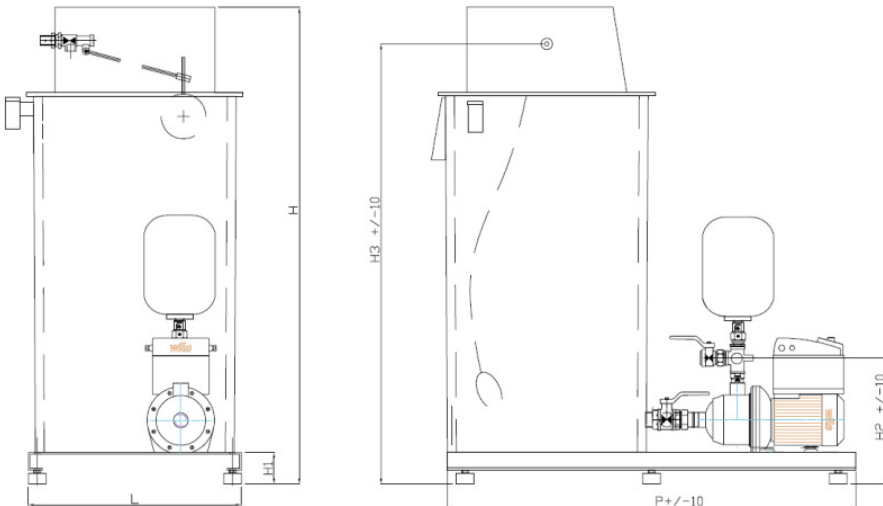
Pipe connection on the suction side: Rp ¾, PN 6  
Pipe connection (pressure side): Rp 1, PN 10  
Overflow connection: Ø 50  
Gross volume: 260 l

#### Materials

Tank: PUR-GFRP  
Pump housing: 1.4301  
Impeller: 1.4301  
Shaft: 1.4301  
Shaft seal: BQ1E3GG  
Gasket material: EPDM  
Pipework material: Brass, CW617N

#### Information for order placements

Weight approx.: 89 kg  
Item number: 2819791



#### Dimensions

mm

|     |          |    |       |
|-----|----------|----|-------|
| DNd | Rp 1, PN | H3 | 1,410 |
| DNs | Rp ¾, PN | L  | 600   |
| H   | 1,540    | P  | 1,450 |
| H1  | 90       |    |       |
| H2  | 290      |    |       |