

**Customer**

## Technical data

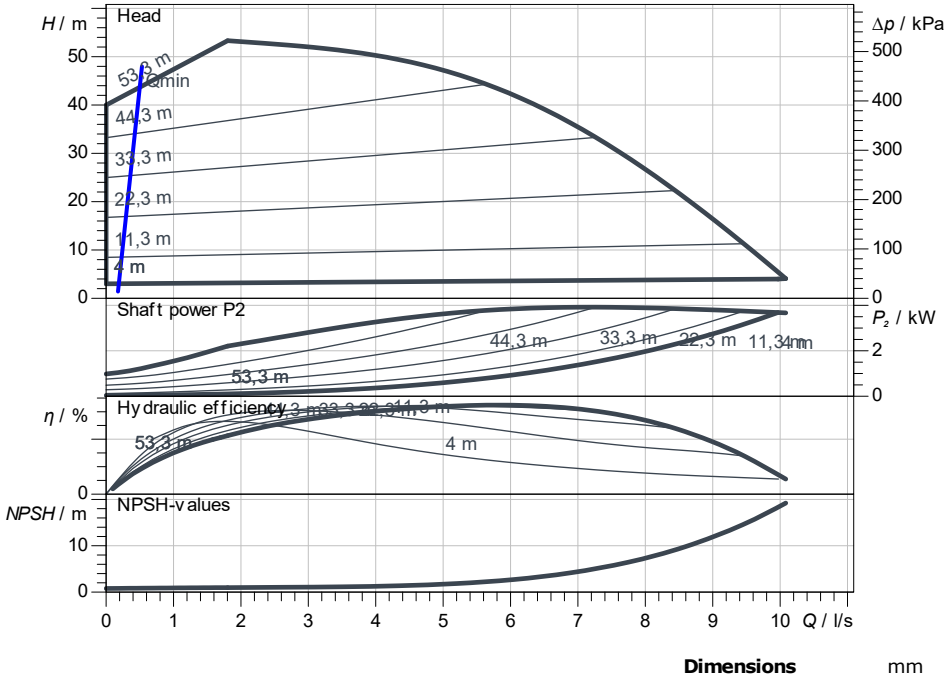
### High-pressure multistage centrifugal pump Helix2.0-VE 1603-4.0-1/25/E/KS/3

Project ID: Untitled project 2025-03-03 15:12:38.853

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-03

#### 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  
Hydraulic efficiency  
NPSH

#### Product data

High-pressure multistage centrifugal pump  
Helix2.0-VE 1603-4.0-1/25/E/KS/3  
Max. operating pressure: 2,500 kPa  
Inlet pressure max.: 10 bar  
Fluid temperature: -30 °C ... +120 °C  
Max. ambient temperature: 50 °C  
Minimum efficiency index (MEI): ≥ 0.5

#### 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: 4.00 kW  
Rated current: 6.90 A  
Power factor  
Service factor: 0  
Degree of protection: IP55  
Insulation class: F  
Motor protection

#### Fitting dimensions

Pipe connection on the suction side: DN 50, PN 25  
Pipe connection (pressure side): DN 50, PN 25

#### Materials

Pump housing: 1.4301  
Impeller: 1.4307  
Shaft: 1.4301  
Shaft seal: BQ7EGG  
Gasket material: EPDM

#### Information for order placements

Weight approx.: 46.9 kg  
Item number: 4250828

