

**Customer**

## Technical data

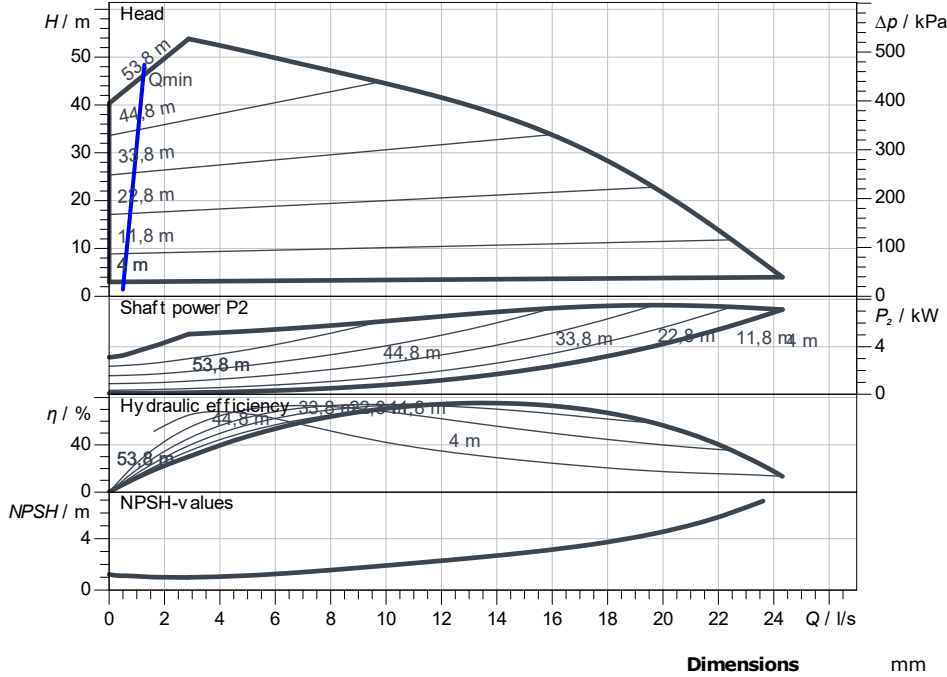
### High-pressure multistage centrifugal pump Helix2.0-VE 5202-2/16/V/KS/3

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 P <sub>2</sub>	
Hydraulic efficiency	
NPSH	

#### Product data

High-pressure multistage centrifugal pump Helix2.0-VE 5202-2/16/V/KS/3	
Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	-15 °C ... +90 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.7

#### 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 P <sub>2</sub>	7.50 kW
Rated current	14.90 A
Power factor	
Service factor	0
Degree of protection	IP55
Insulation class	F
Motor protection	

#### Fitting dimensions

Pipe connection on the suction side	DN 80, PN 16
Pipe connection (pressure side)	DN 80, PN 16

#### Materials

Pump housing	1.4404
Impeller	1.4404
Shaft	1.4404
Shaft seal	BQ7VGG
Gasket material	FKM

#### Information for order placements

Weight approx.	125 kg
Item number	4251172

