

**Customer**

# Technical data

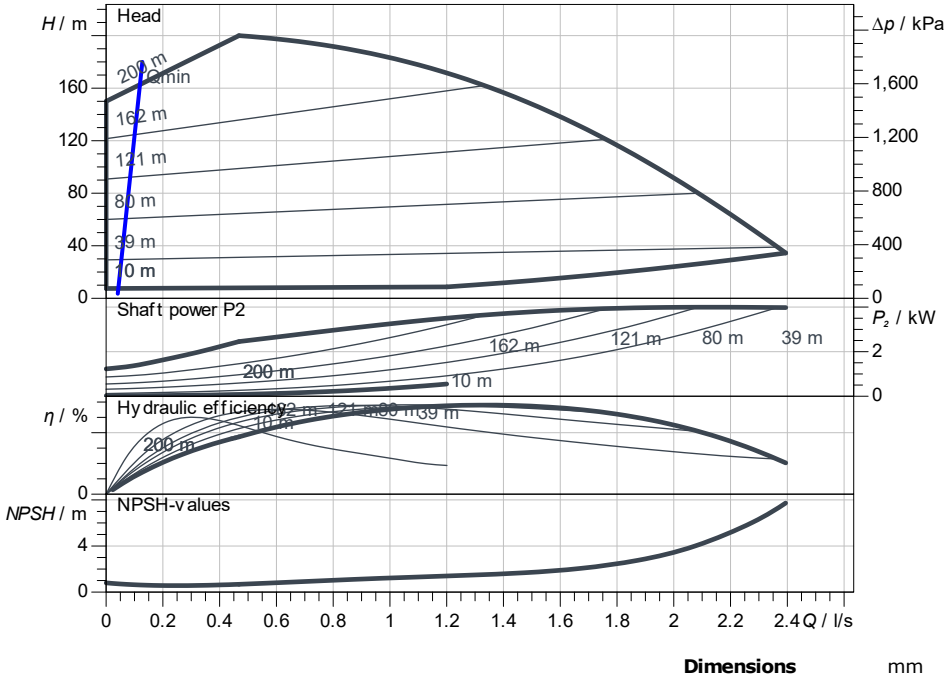
## High-pressure multistage centrifugal pump Helix2.0-VE 418-2/25/V/KS/3

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 P2	
Hydraulic efficiency	
NPSH	

### Product data

High-pressure multistage centrifugal pump Helix2.0-VE 418-2/25/V/KS/3	
Max. operating pressure	2,500 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 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 25, PN 25
Pipe connection (pressure side)	DN 25, PN 25

### Materials

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

### Information for order placements

Weight approx.	48.9 kg
Item number	4250725

