

**Customer**

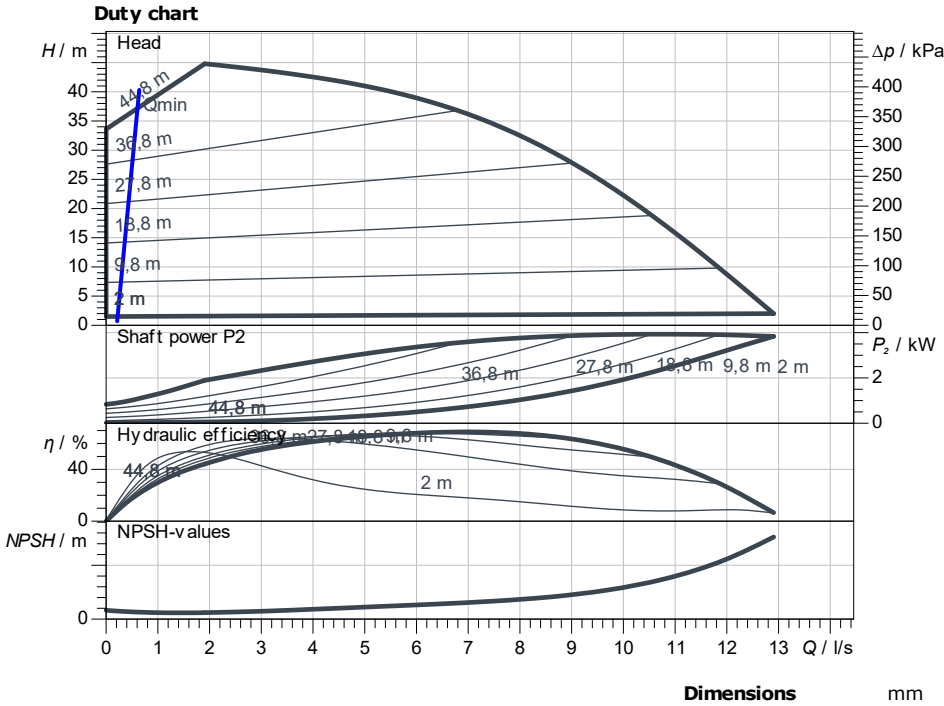
# Technical data

## High-pressure multistage centrifugal pump Helix2.0-VE 2202-4.0-1/16/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



**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 2202-4.0-1/16/E/KS/3	
Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	-30 °C ... +120 °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 50, PN 16
Pipe connection (pressure side)	DN 50, PN 16

**Materials**

Pump housing	1.4301
Impeller	1.4307
Shaft	1.4057
Shaft seal	BQ7EGG
Gasket material	EPDM

**Information for order placements**

Weight approx.	46.9 kg
Item number	4251139

