

Customer

Technical data

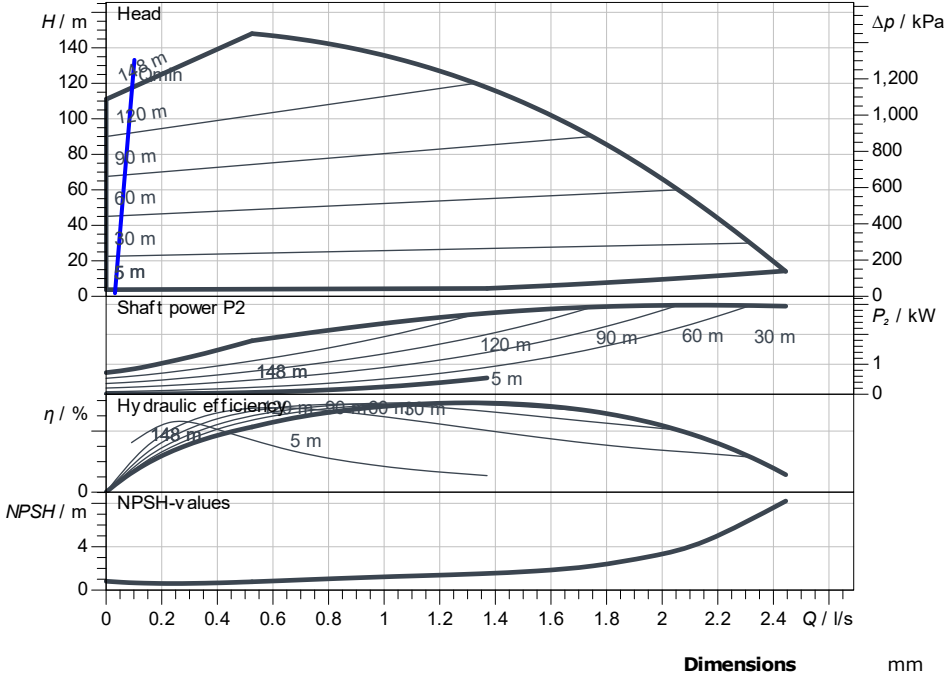
High-pressure multistage centrifugal pump Helix2.0-VE 413-1/25/E/KS/3

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/m³
Kin. viscosity: 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH

Product data

High-pressure multistage centrifugal pump
Helix2.0-VE 413-1/25/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): ≥ 0.7

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: 3.00 kW
Rated current: 5.30 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: 1.4301
Impeller: 1.4307
Shaft: 1.4301
Shaft seal: BQ7EGG
Gasket material: EPDM

Information for order placements

Weight approx.: 45.6 kg
Item number: 4250722

