

Customer

Technical data

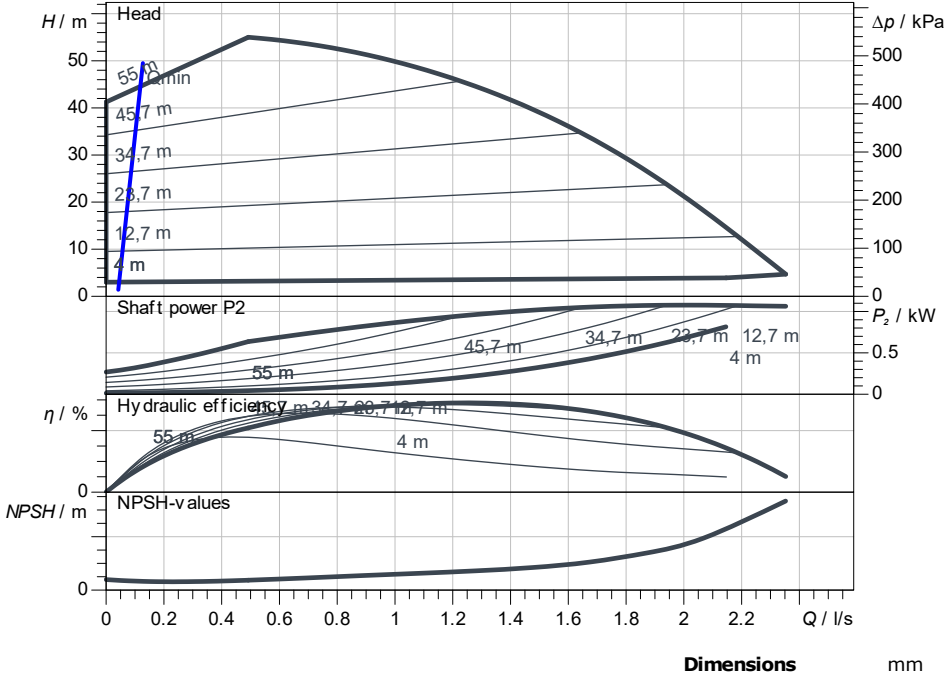
High-pressure multistage centrifugal pump Helix2.0-VE 405-1/25/E/KS/1

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^3
Kin. viscosity	1.00 mm^2/s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P_2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump Helix2.0-VE 405-1/25/E/KS/1	
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	1~ 230 V / 50 Hz
Permitted voltage tolerance	230/50-60:+10%/-20%
Rated speed	
Rated power P_2	1.10 kW
Rated current	5.50 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.	34.2 kg
Item number	4250700

