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**Customer**

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## Technical data

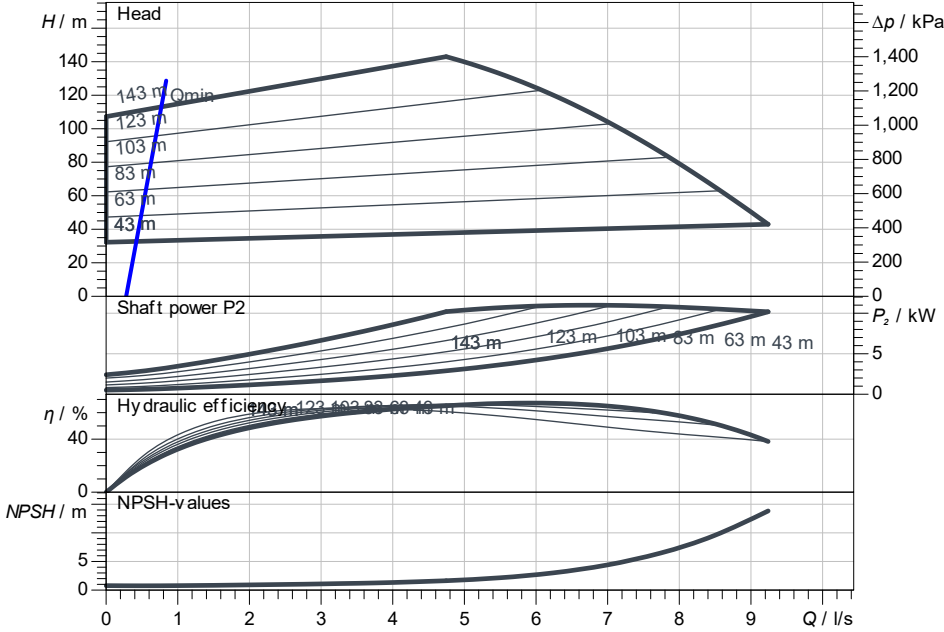
### High-pressure multistage centrifugal pump Helix VE 1609-2/25/V/KS/3

Project ID                      Untitled project 2025-03-03 15:12:38.853

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-03

**Duty chart**



ISO 9906: 2012 3B

**Dimensions**

H	1,43
H2	969
ØM	217
X	386
X	386

mm

**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 Helix VE 1609-2/25/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)	≥ 0.5

**Motordata per Motor/Pump**

Motor efficiency level	IE5
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	
Rated speed	
Rated power P2	11.00 kW
Rated current	19.60 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 25
Pipe connection (pressure side)	DN 50, 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.	120 kg
Item number	4256822