

Customer

Technical data

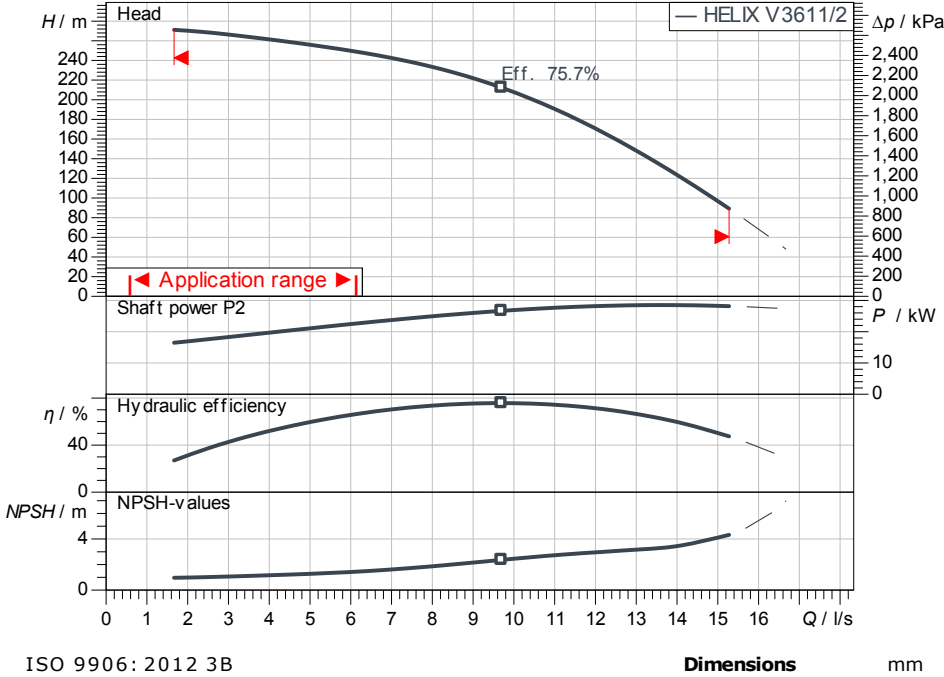
High-pressure multistage centrifugal pump Helix V 3611/2-1/30/V/KS/400-50

Project ID Untitled project 2025-03-30 12:50:59.760

Project name
Installation location
Customer pos. No.

Date 2025-03-30

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 Helix V 3611/2-1/30/V/KS/400-50	
Max. operating pressure	3,000 kPa
Inlet pressure max.	10 bar
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.7

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	2,900 1/min
Rated power P2	30.00 kW
Rated current	50.80 A
Power factor	0.91
Service factor	1.15
Efficiency	50% / 75% / 100%
	92.1/93.2/93.3%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	DN 65, PN 40
Pipe connection (pressure side)	DN 65, PN 40

Materials

Pump housing	1.4308
Impeller	1.4307
Shaft	1.4057
Shaft seal	Q1BE3GG
Gasket material	FKM

Information for order placements

Weight approx.	274 kg
Item number	4262154