

**Customer**

## Technical data

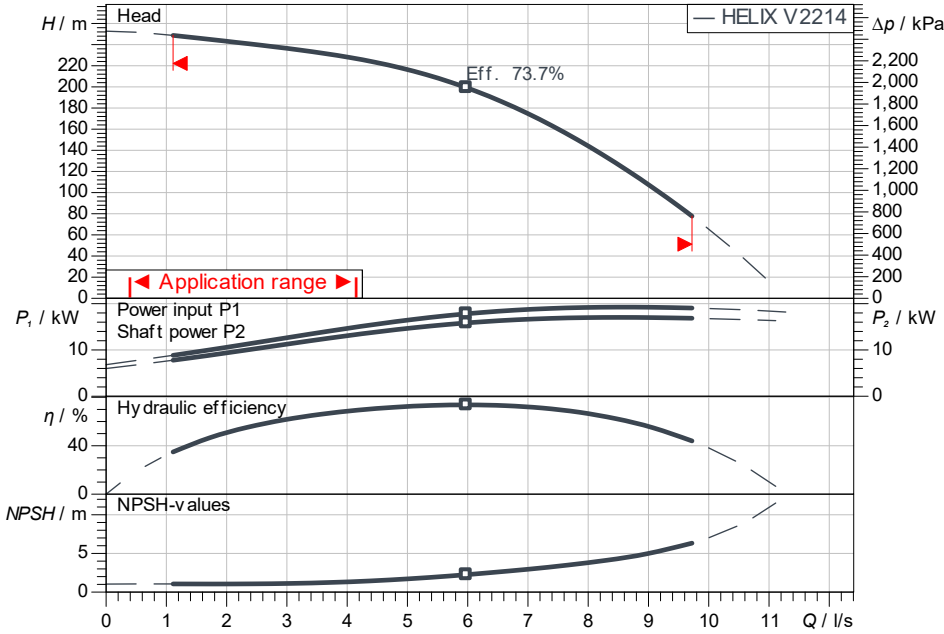
### High-pressure multistage centrifugal pump Helix V 2214-2/30/V/KS/400-50

Project ID: Untitled project 2025-03-03 20:19:56.538

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  
Helix V 2214-2/30/V/KS/400-50  
Max. operating pressure: 3,000 kPa  
Inlet pressure max.: 10 bar  
Fluid temperature: -15 °C ... +90 °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: 18.50 kW  
Rated current: 32.80 A  
Power factor: 0.89  
Service factor: 1.15  
Efficiency: 50% / 75% / 100% → 91.6/92.5/92.4%  
Degree of protection: IP55  
Insulation class: F  
Motor protection: No

#### Fitting dimensions

Pipe connection on the suction side: DN 50, PN 40  
Pipe connection (pressure side): DN 50, PN 40

#### Materials

Pump housing: 1.4409  
Impeller: 1.4404  
Shaft: 1.4404  
Shaft seal: Q1BVGG  
Gasket material: FKM

#### Information for order placements

Weight approx.: 196 kg  
Item number: 4165819

ISO 9906: 2012 3B

#### Dimensions

H 1,77  
H2 1,29  
ØM 305  
X 218  
X 200

mm

