

**Customer**

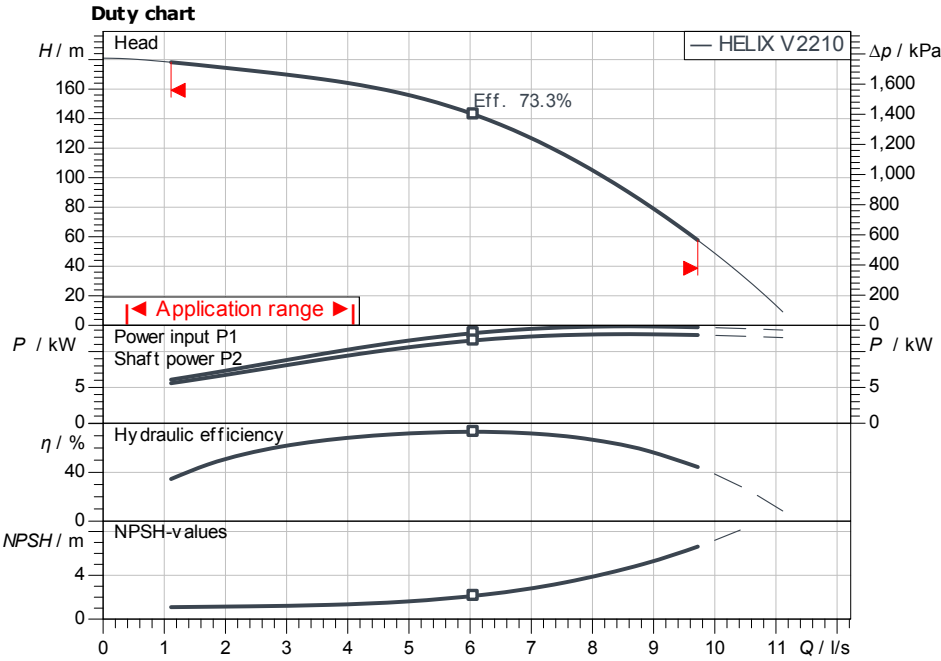
## Technical data

### High-pressure multistage centrifugal pump Helix FIRST V 2210-5/25/E/KS/400-50

Project ID: Untitled project 2025-03-03 14:40:32.354

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-03



**Requested data**

Flow  
 Head  
 Media: Water 100 %  
 Fluid temperature: 20.00 °C  
 Density: 998.30 kg/m<sup>3</sup>  
 Kin. viscosity: 1.00 mm<sup>2</sup>/s

**Hydraulic data (Duty point)**

Flow  
 Head  
 Shaft power P2  
 Hydraulic efficiency  
 NPSH

**Product data**

High-pressure multistage centrifugal pump  
 Helix FIRST V 2210-5/25/E/KS/400-50  
 Max. operating pressure: 2,500 kPa  
 Inlet pressure max.: 10 bar  
 Fluid temperature: -20 °C ... +120 °C  
 Max. ambient temperature: 50 °C  
 Minimum efficiency index (MEI):  $\geq 0.7$

**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: 15.00 kW  
 Rated current: 26.70 A  
 Power factor: 0.88  
 Service factor: 1.15  
 Efficiency: 50% / 75% / 100% → 90.2/91.8/91.9%  
 Degree of protection: IP55  
 Insulation class: F  
 Motor protection: No

**Fitting dimensions**

Pipe connection on the suction side: DN 50, PN 25  
 Pipe connection (pressure side): DN 50, PN 25

**Materials**

Pump housing: 5.1301/EN-GJL-250  
 Impeller: 1.4307  
 Shaft: 1.4057  
 Shaft seal: BQ7EGG  
 Gasket material: EPDM

**Information for order placements**

Weight approx.: 169 kg  
 Item number: 4200578

ISO 9906: 2012 3B

**Dimensions**

H 1,51  
 H2 1,03  
 ØM 305  
 X 218  
 X 200

mm

