

**Customer**

# Technical data

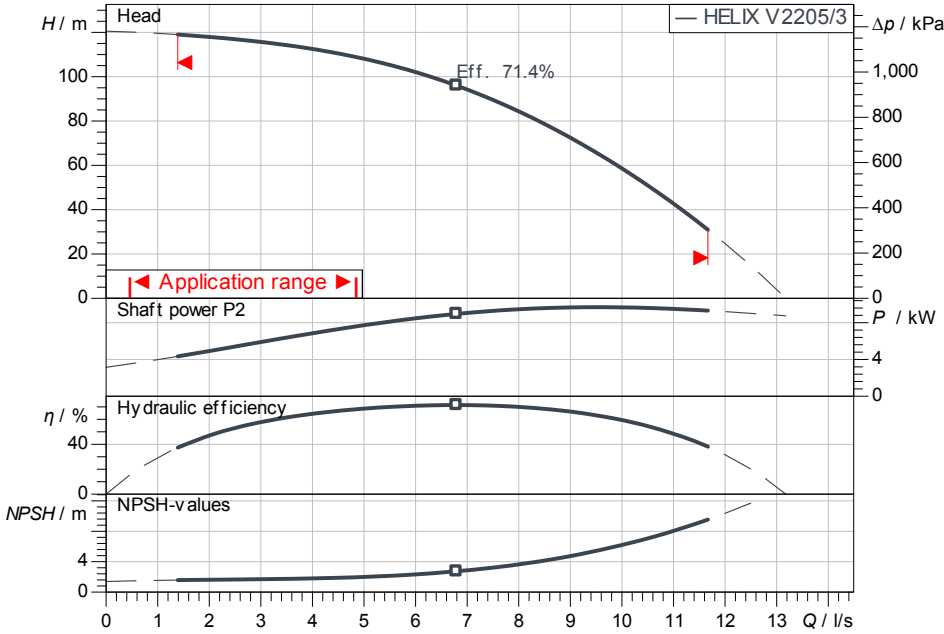
## High-pressure multistage centrifugal pump Helix V 2205/3-1/16/E/KS/460-60

Project ID: Untitled project 2025-03-17 12:48:10.989

Project name  
Installation location  
Customer pos. No.

Date: 2025-03-17

**Duty chart**



**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 V 2205/3-1/16/E/KS/460-60  
Max. operating pressure: 1,600 kPa  
Inlet pressure max.: 10 bar  
Fluid temperature: -20 °C ... +120 °C  
Max. ambient temperature: 50 °C  
Minimum efficiency index (MEI)

**Motordata per Motor/Pump**

Motor efficiency level  
Mains connection: 3~ 380 V / 60 Hz  
Permitted voltage tolerance: +-10 %  
Max. speed: 2,925 1/min  
Rated power P2: 11.00 kW  
Rated current: 23.30 A  
Power factor: 0.92  
Service factor: 1.15  
Efficiency: 50% / 75% / 100% / 91.9/91%  
Degree of protection: IP55  
Insulation class  
Motor protection: PTC

**Fitting dimensions**

Pipe connection on the suction side: DN 50, PN 16  
Pipe connection (pressure side): DN 50, PN 16

**Materials**

Pump housing: 1.4301  
Impeller: 1.4307  
Shaft: 1.4057  
Shaft seal: BQ7EGG  
Gasket material: EPDM

**Information for order placements**

Weight approx.: 170 kg  
Item number: 4246614

ISO 9906: 2012 3B

**Dimensions**

mm

H 1,16  
H2 764  
X 196

