

**Customer**

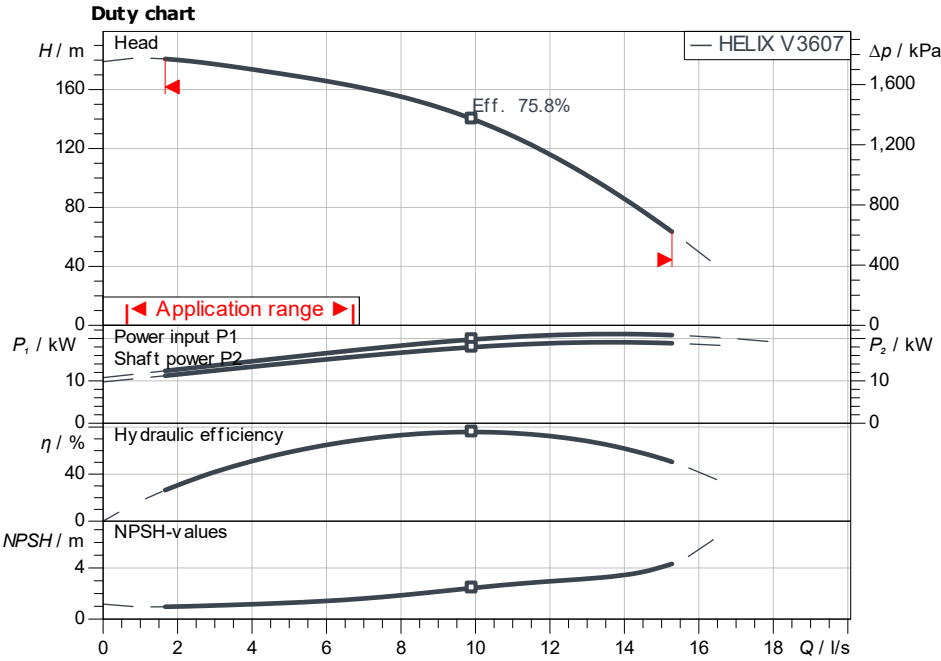
## Technical data

### High-pressure multistage centrifugal pump Helix V 3607-1/25/E/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



**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  $P_2$   
Hydraulic efficiency  
NPSH

**Product data**

High-pressure multistage centrifugal pump  
Helix V 3607-1/25/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: 2,940 1/min  
Rated power  $P_2$ : 22.00 kW  
Rated current: 39.10 A  
Power factor: 0.87  
Service factor: 1.15  
Efficiency: 50% / 75% / 100% → 92.7/92.7/92.7%  
Degree of protection: IP55  
Insulation class: F  
Motor protection: No

**Fitting dimensions**

Pipe connection on the suction side: DN 65, PN 25  
Pipe connection (pressure side): DN 65, PN 25

**Materials**

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

**Information for order placements**

Weight approx.: 204 kg  
Item number: 4246693

ISO 9906: 2012 3B

**Dimensions**

H: 1,49  
H2: 1,01  
ØM: 305  
X: 218  
X: 200

mm

