

**Customer**

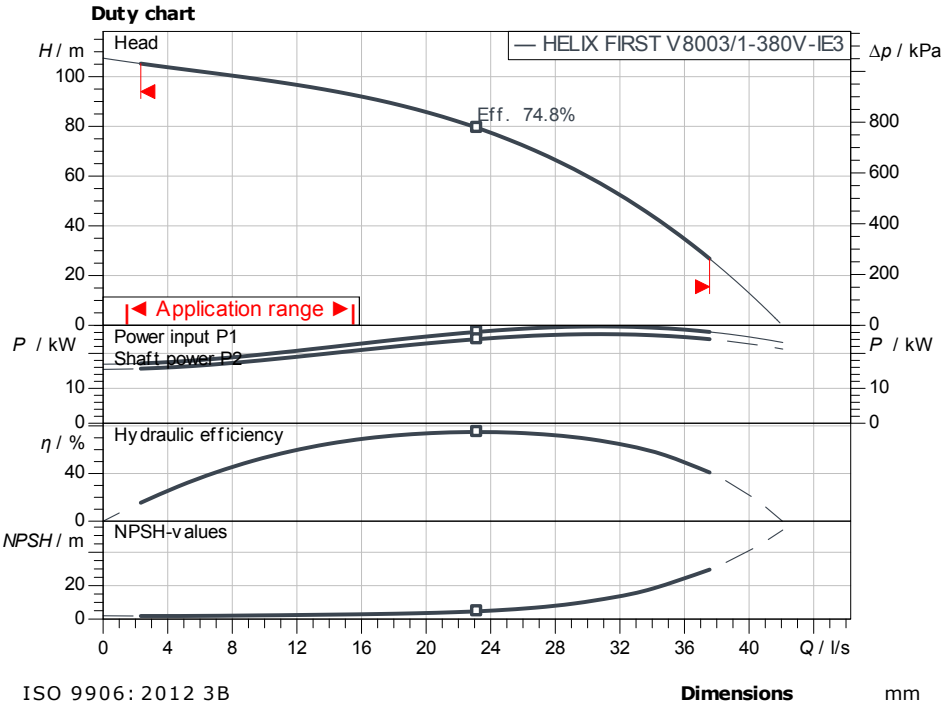
## Technical data

### High-pressure multistage centrifugal pump Helix FIRST V 8003/1-5/16/E/KS/380-60-Q7

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

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-17



#### 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 8003/1-5/16/E/KS/380-60-Q7  
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~ 400 V / 60 Hz  
Permitted voltage tolerance                      +-10 %  
Max. speed                      2,965 1/min  
Rated power P2                      30.00 kW  
Rated current                      50.80 A  
Power factor                      0.91  
Service factor                      0  
Efficiency  
50% / 75% / 100%                      92.1/93.2/93.3%

#### Degree of protection

Insulation class  
Motor protection

#### Fitting dimensions

Pipe connection on the suction side                      DN 100, PN 16  
Pipe connection (pressure side)                      DN 100, PN 16

#### Materials

Pump housing                      5.1301/EN-GJL-250  
Impeller                      1.4408  
Shaft                      1.4057  
Shaft seal                      Q7Q7  
Gasket material                      EPDM

#### Information for order placements

Weight approx.                      266 kg  
Item number                      4267854