

Customer

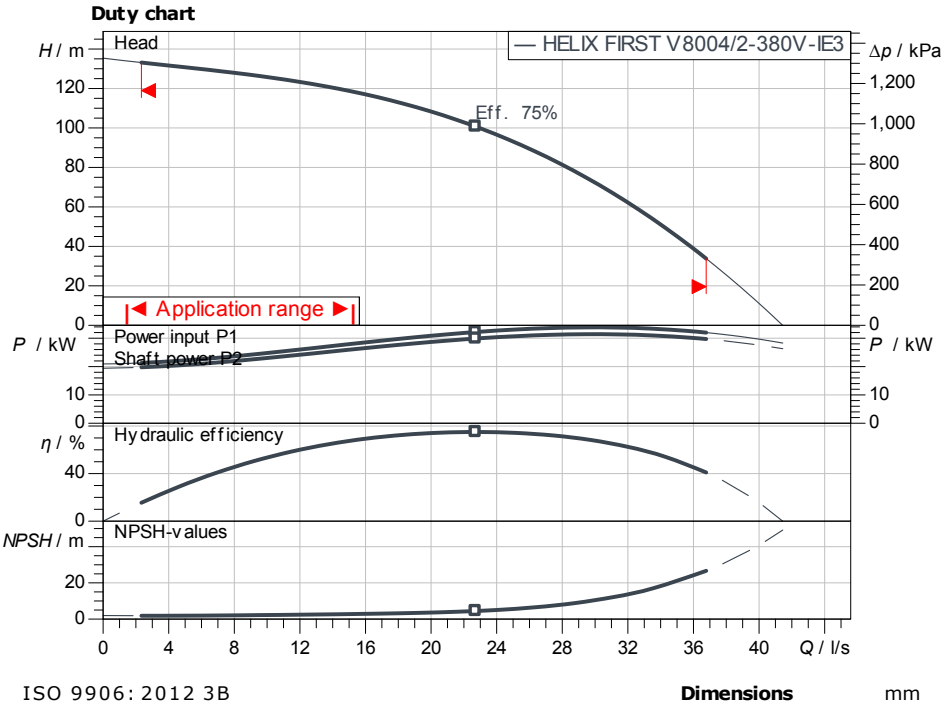
Technical data

High-pressure multistage centrifugal pump Helix FIRST V 8004/2-5/16/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



ISO 9906: 2012 3B

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 P_2
Hydraulic efficiency
NPSH

Product data

High-pressure multistage centrifugal pump
Helix FIRST V 8004/2-5/16/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 2,960 1/min
Rated power P_2 37.00 kW
Rated current 61.60 A
Power factor 0.93
Service factor 0
Efficiency
50% / 75% / 100% 94/94.4/93.7%

Degree of protection

Insulation class
Motor protection

Fitting dimensions

Pipe connection on the suction side $\text{DN } 100, \text{PN } 16$
Pipe connection (pressure side) $\text{DN } 100, \text{PN } 16$

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. 287 kg
Item number 4267870