

Customer

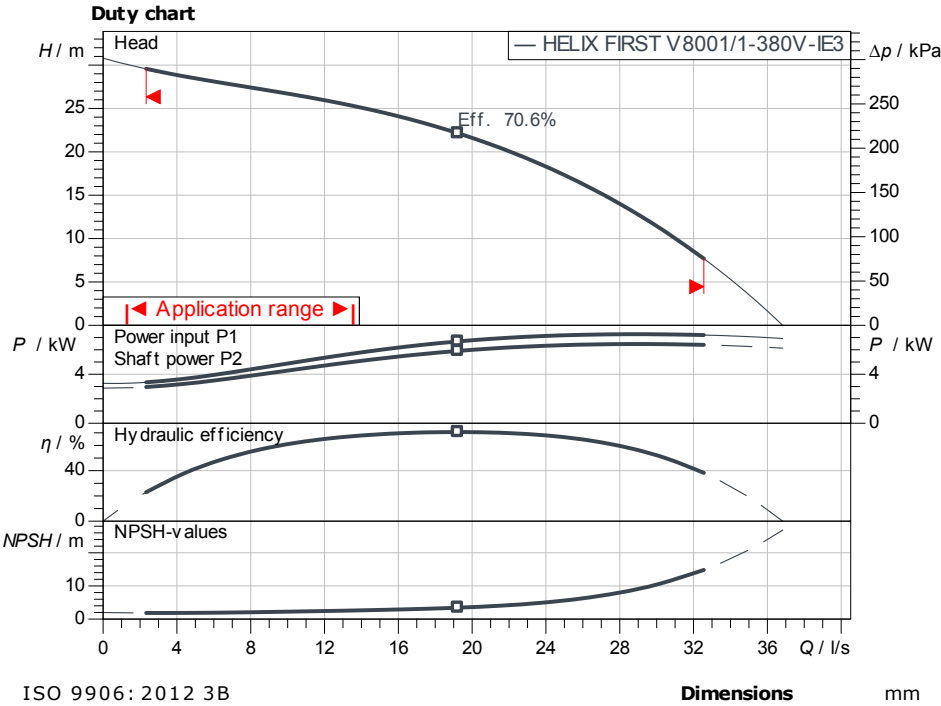
Technical data

High-pressure multistage centrifugal pump Helix FIRST V 8001/1-5/16/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/m³
Kin. viscosity 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH

Product data

High-pressure multistage centrifugal pump
Helix FIRST V 8001/1-5/16/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 2,905 1/min
Rated power P2 7.50 kW
Rated current 13.30 A
Power factor 0.91
Service factor 0
Efficiency
50% / 75% / 100% 89.9/90.6/90.1%

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. 121 kg
Item number 4267810