

Technical data

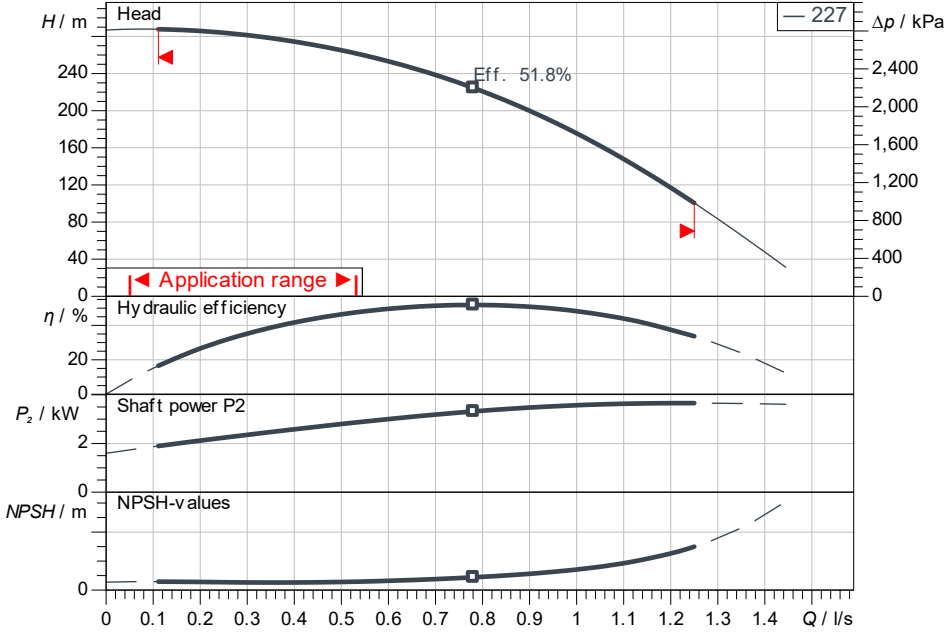
High-pressure multistage centrifugal pump Helix FIRST V 227-5/30/E/KS/460-60

Project ID Untitled project 2025-03-05 07:27:14.016

Project name
Installation location
Customer pos. No.

Date 2025-03-05

Duty chart



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 227-5/30/E/KS/460-60
Max. operating pressure 3,000 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 2,935 1/min
Rated power P₂ 4.00 kW
Rated current 7.90 A
Power factor 0.84
Service factor 1.15
Efficiency 50% / 75% / 100% 86/88/88.1 %
Degree of protection IP55
Insulation class
Motor protection PTC

Fitting dimensions

Pipe connection on the suction side DN 25, PN 40
Pipe connection (pressure side) DN 25, PN 40

Materials

Pump housing 5.1301/EN-GJL-250
Impeller 1.4307
Shaft 1.4301
Shaft seal Q1BE3GG
Gasket material EPDM

Information for order placements

Weight approx. 62 kg
Item number 4201067

ISO 9906: 2012 3B

Dimensions

H 1,35
H2 1,01
X 155

mm

