

Customer

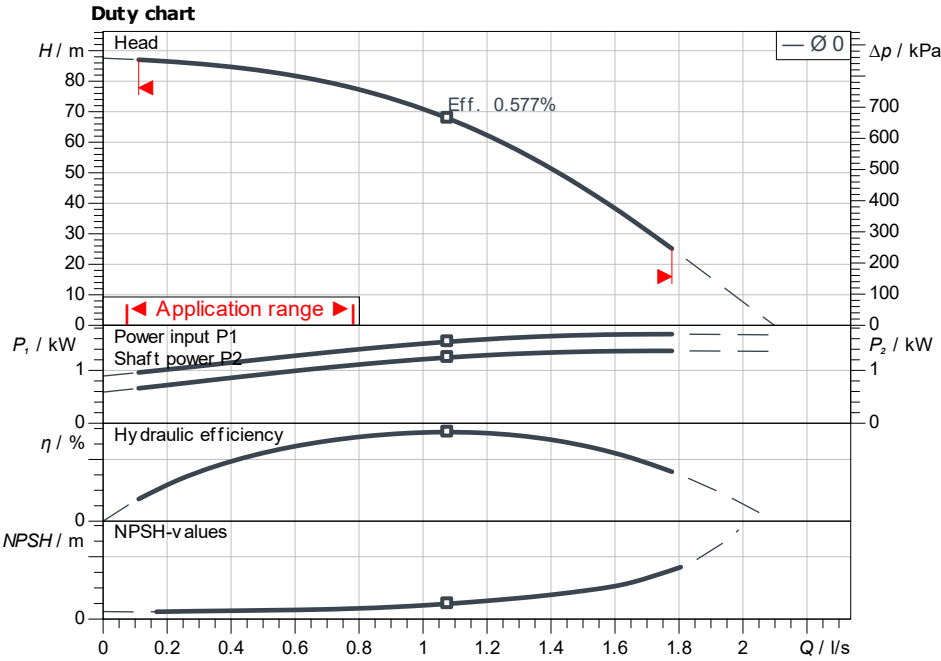
Technical data

High-pressure multistage centrifugal pump Helix V 411-1/16/E/S/1-230-50

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/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 V 411-1/16/E/S/1-230-50
Max. operating pressure: 1,600 kPa
Inlet pressure max.: 10 bar
Fluid temperature: -30 °C ... +120 °C
Max. ambient temperature: 40 °C
Minimum efficiency index (MEI): ≥ 0.7

Motordata per Motor/Pump

Motor efficiency level: IE2
Mains connection: 1~ 230 V / 50 Hz
Permitted voltage tolerance: +10 %
Max. speed: 2,900 1/min
Rated power P2: 1.50 kW
Rated current: 8.21 A
Power factor: 0.98
Service factor: 1
Efficiency: 50% / 75% / 100% // %
Degree of protection: IP55
Insulation class: F
Motor protection: PTO

Fitting dimensions

Pipe connection on the suction side: G 1, PN 16
Pipe connection (pressure side): G 1, PN 16

Materials

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

Information for order placements

Weight approx.: 34.4 kg
Item number: 4234077

ISO 9906: 2012 3B

Dimensions

mm

H	835
H2	556
ØM	172
X	137
X	149

