

Customer

Technical data

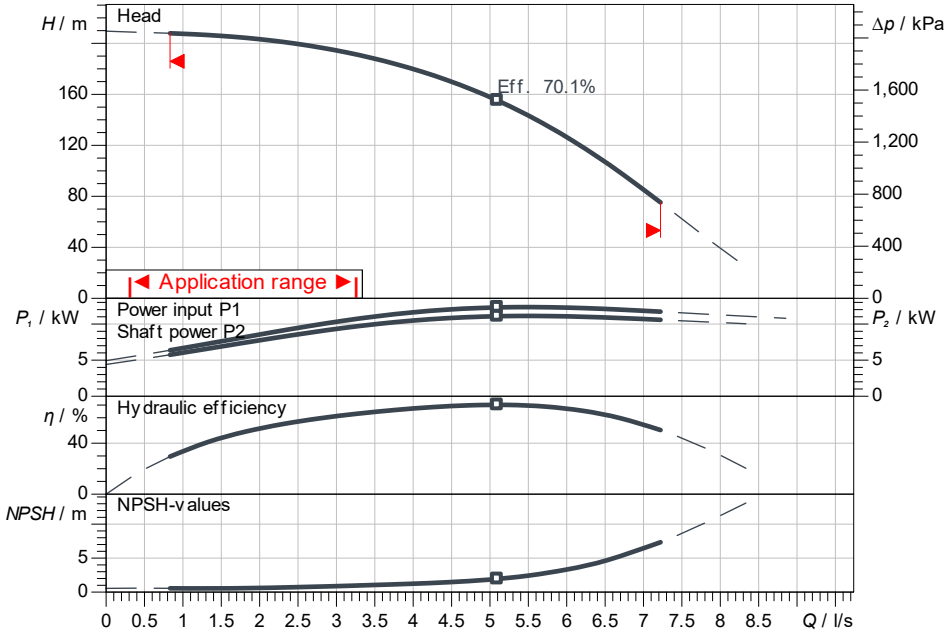
High-pressure multistage centrifugal pump Helix V 1616-2/25/V/KS/400-50

Project ID: Untitled project 2025-03-03 15:12:38.853

Project name
Installation location
Customer pos. No.

Date: 2025-03-03

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 V 1616-2/25/V/KS/400-50
Max. operating pressure: 2,500 kPa
Inlet pressure max.: 10 bar
Fluid temperature: -15 °C ... +90 °C
Max. ambient temperature: 50 °C
Minimum efficiency index (MEI): ≥ 0.5

Motordata per Motor/Pump

Motor efficiency level: IE3
Mains connection: 3~ 400 V / 50 Hz
Permitted voltage tolerance: +10 %
Max. speed: 2,900 1/min
Rated power P2: 11.00 kW
Rated current: 21.00 A
Power factor: 0.84
Service factor: 1.15
Efficiency: 50% / 75% / 100% → 90.3/91.3/91.2%
Degree of protection: IP55
Insulation class: F
Motor protection: No

Fitting dimensions

Pipe connection on the suction side: DN 50, PN 25
Pipe connection (pressure side): DN 50, PN 25

Materials

Pump housing: 1.4404
Impeller: 1.4404
Shaft: 1.4404
Shaft seal: BQ7VGG
Gasket material: FKM

Information for order placements

Weight approx.: 134 kg
Item number: 4150673

ISO 9906: 2012 3B

Dimensions

H	1,79
H2	1,39
ØM	260
X	191
X	182

mm

