

Customer

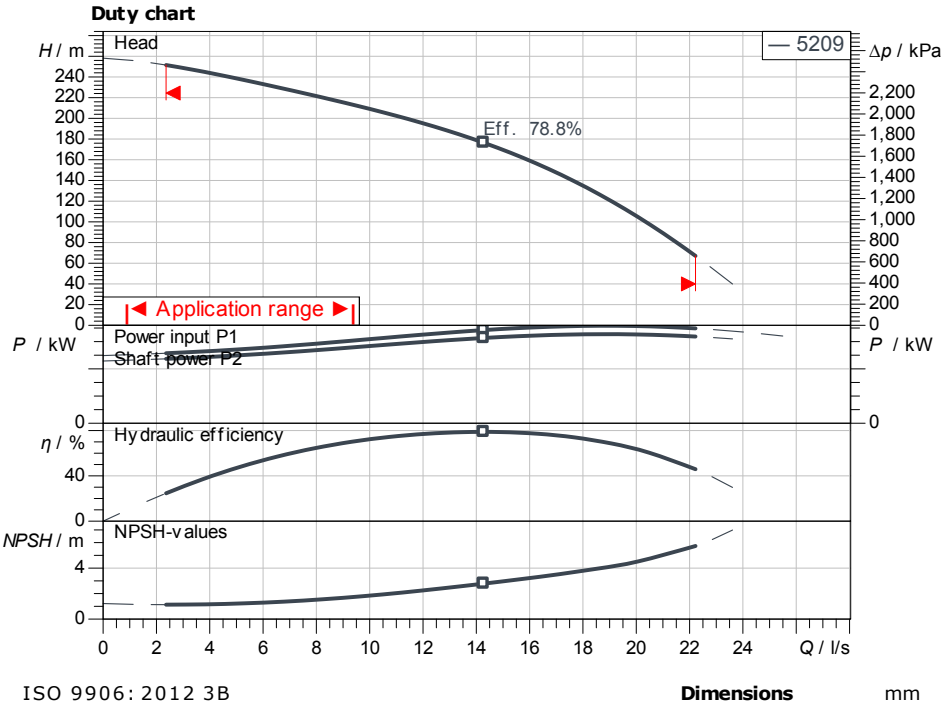
Technical data

High-pressure multistage centrifugal pump Helix V 5209-1/30/V/KS/400-50

Project ID Untitled project 2025-03-30 12:50:59.760

Project name
Installation location
Customer pos. No.

Date 2025-03-30



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 5209-1/30/V/KS/400-50
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) ≥ 0.7

Motordata per Motor/Pump

Motor efficiency level IE3
Mains connection 3~ 400 V / 50 Hz
Permitted voltage tolerance + -10 %
Max. speed 2,960 1/min
Rated power P2 37.00 kW
Rated current 61.60 A
Power factor 0.93
Service factor 1.15
Efficiency
50% / 75% / 100% 93.8/94.2/93.7%
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

Pipe connection on the suction side DN 80, PN 40
Pipe connection (pressure side) DN 80, PN 40

Materials

Pump housing 1.4308
Impeller 1.4307
Shaft 1.4057
Shaft seal Q1BE3GG
Gasket material FKM

Information for order placements

Weight approx. 294 kg
Item number 4262164