

Customer

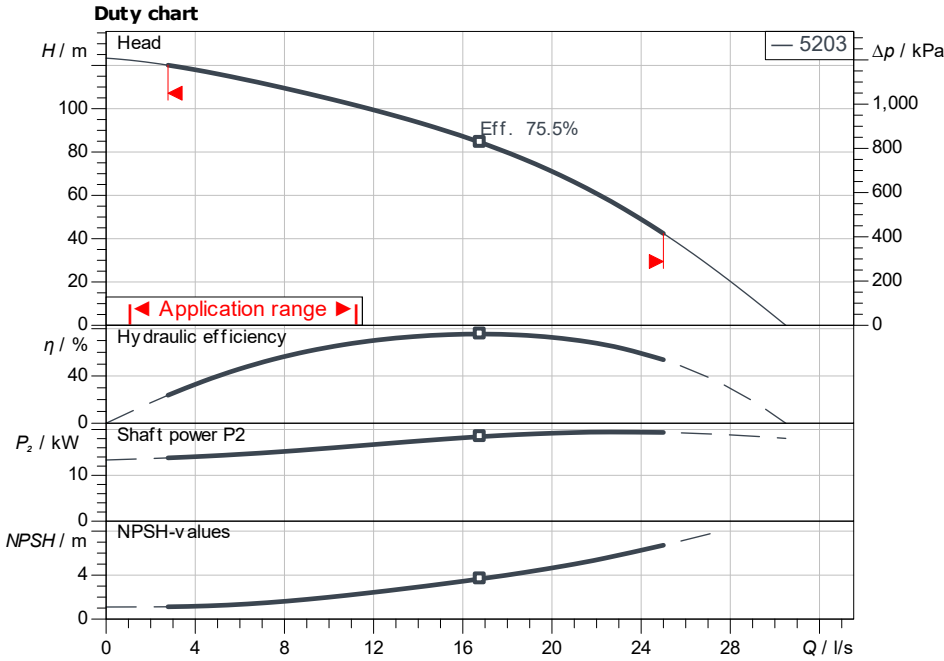
Technical data

High-pressure multistage centrifugal pump Helix V 5203-1/16/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



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 5203-1/16/E/KS/460-60
 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: 2,960 1/min
Rated power P2: 22.00 kW
Rated current: 39.10 A
Power factor: 0.87
Service factor: 1.15
Efficiency: 50% / 75% / 100% → 91.7/92.7/92.7%
Degree of protection: IP55
Insulation class
Motor protection: PTC

Fitting dimensions

Pipe connection on the suction side: DN 80, PN 16
 Pipe connection (pressure side): DN 80, PN 16

Materials

Pump housing: 1.4301
 Impeller: 1.4307
 Shaft: 1.4057
 Shaft seal: BQ7EGG
 Gasket material: EPDM

Information for order placements

Weight approx.: 237 kg
 Item number: 4246775

ISO 9906: 2012 3B

Dimensions

H: 1,32
 H2: 846
 X: 218

mm

