

Customer

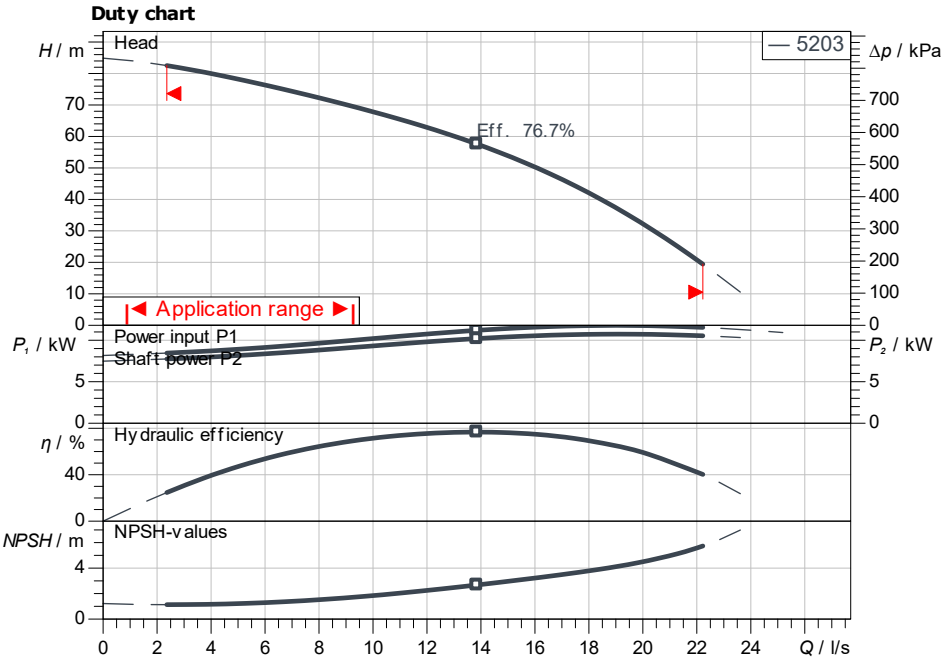
Technical data

High-pressure multistage centrifugal pump Helix V 5203-1/16/E/KS/400-50-FF240

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/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P_2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump	
Helix V 5203-1/16/E/KS/400-50-FF240	
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)	≥ 0.7

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 P_2	11.00 kW
Rated current	21.00 A
Power factor	0.84
Service factor	1.15
Efficiency	50% / 75% / 100%
Degree of protection	IP55
Insulation class	F
Motor protection	No

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.	136 kg
Item number	4246774

ISO 9906: 2012 3B

Dimensions

mm

H	816
H2	816
$\varnothing M$	260
X	191

