

Customer

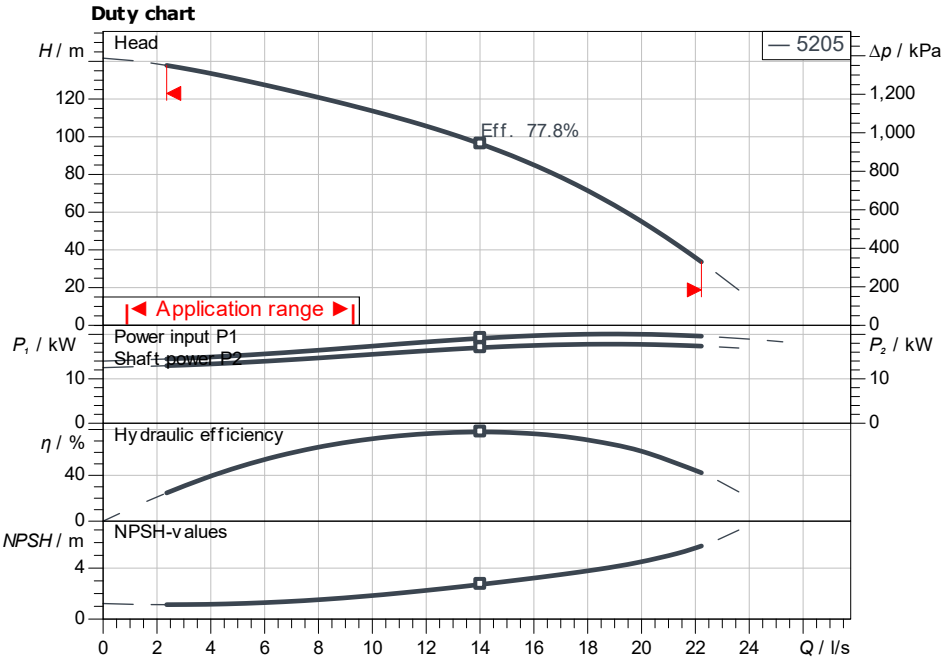
Technical data

High-pressure multistage centrifugal pump Helix V 5205-2/16/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



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 5205-2/16/V/KS/400-50	
Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	-15 °C ... +90 °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	18.50 kW
Rated current	32.80 A
Power factor	0.89
Service factor	1.15
Efficiency	50% / 75% / 100%
	91.6/92.5/92.4%
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	1.4409
Impeller	1.4404
Shaft	1.4404
Shaft seal	BQ7VGG
Gasket material	FKM

Information for order placements

Weight approx.	212 kg
Item number	4150909

ISO 9906: 2012 3B

Dimensions

H	1,59
H2	1,11
ØM	305
X	218
X	200

mm

