

Customer

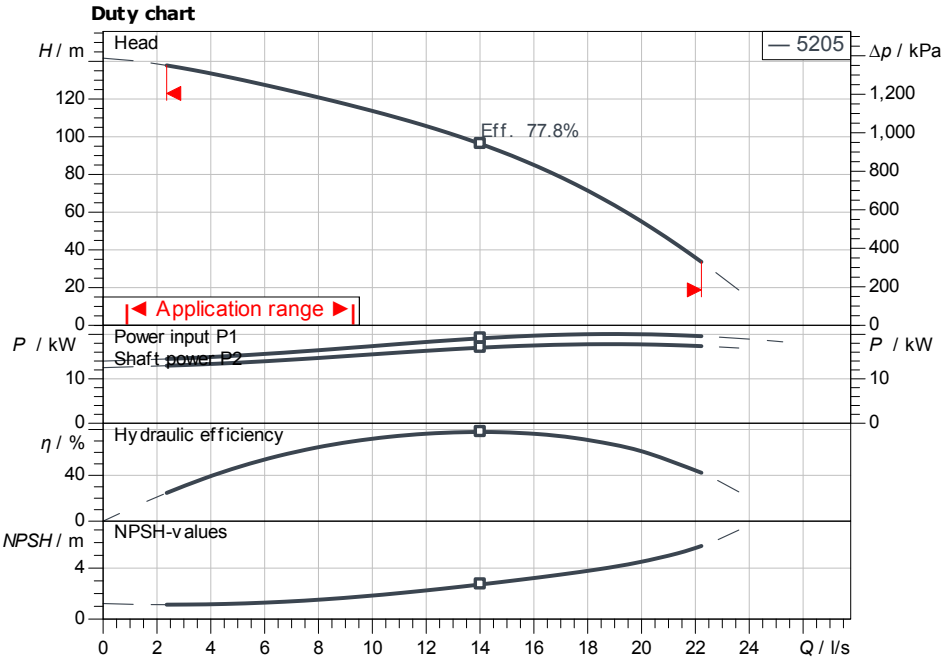
Technical data

High-pressure multistage centrifugal pump Helix V 5205-1/16/E/KS/400-50

Project ID Untitled project 2025-03-03 21:29:49.373

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 P2	
Hydraulic efficiency	
NPSH	

Product data

High-pressure multistage centrifugal pump Helix V 5205-1/16/E/KS/400-50	
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 P2	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	1.4301
Impeller	1.4307
Shaft	1.4057
Shaft seal	BQ7EGG
Gasket material	EPDM

Information for order placements

Weight approx.	192 kg
Item number	4246785

ISO 9906: 2012 3B

Dimensions

mm

H	1,52
H2	1,04
ØM	305
X	218
X	200

