

Technical data

Multi-pump system

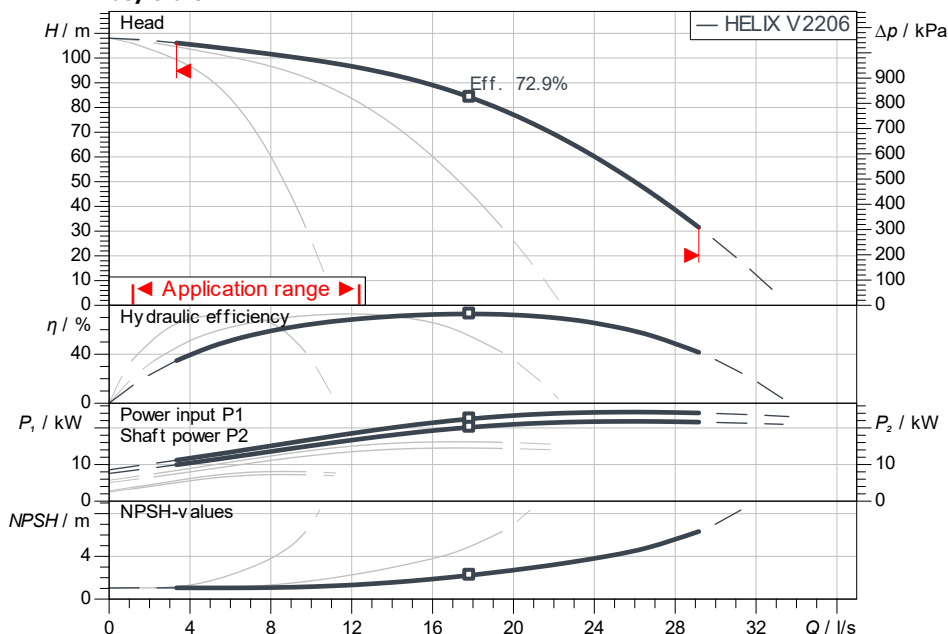
SiBoost Smart 3 Helix V 2206

Project ID Untitled project 2025-03-04 01:04:54.425

Project name
Installation location
Customer pos. No.

Date 2025-03-04

Duty chart



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

Product data

Multi-pump system
SiBoost Smart 3 Helix V 2206

No. of pumps 3
Max. operating pressure 1,600 kPa
Inlet pressure max. 1,000
Fluid temperature 3 °C ... +50 °C
Max. ambient temperature 40 °C
Protection class system IP55
Protection class of switchgear IP54
Diaphragm pressure vessel Yes
Low-water cut-out switchgear No

Motordata per Motor/Pump

Motor efficiency level IE3
Mains connection 3~400 V / 50 Hz
Permitted voltage tolerance +10 %
Rated speed 2,900 1/min
Rated power P2 7.50 kW
Rated current 13.70 A
Power factor 0.88
Efficiency 50% / 75% / 100%
Degree of protection IP55
Insulation class F
Motor protection Yes

Fitting dimensions

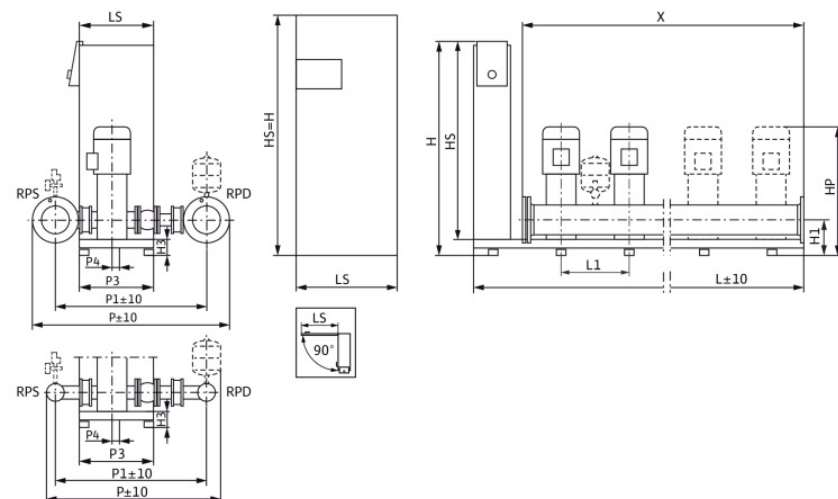
Pipe connection on the suction side DN 100, PN 10
Pipe connection (pressure side) DN 100, PN 16

Materials

Pump housing 5.1301/EN-GJL-250
Impeller 1.4307
Shaft 1.4057
Shaft seal Q1BE3GG
Gasket material EPDM
Pipework material 1.4307

Information for order placements

Weight approx. 463 kg
Item number 2540728



Dimensions

mm

DNd	DN 100,	H3	105	LS	250	X	900
DNs	DN 100,	HP	1,153	P	1,210		
H	1,405	HS	1,300	P1	990		
H1	195	L	1,250	P3	420		
H2	332.2	L1	300	P4	30		



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

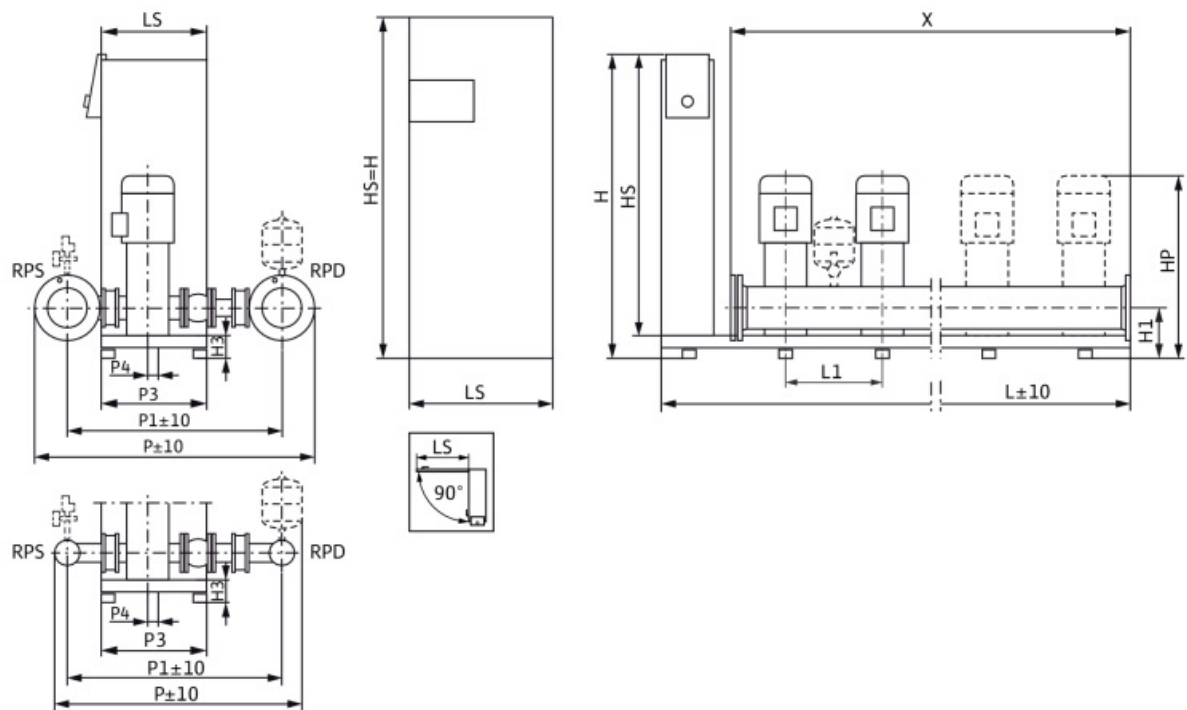
Dimensions

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Standard

Suction side DN 100, PN 10/PN 16
Discharge side DN 100, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	DN 100, PN 16	HS	1,300	P4	30		
DNs	DN 100, PN 10	L	1,250	X	900		
H	1,405	L1	300				
H1	195	LS	250				
H2	332.2	P	1,210				
H3	105	P1	990				
HP	1,153	P3	420				