

Technical data

Multi-pump system

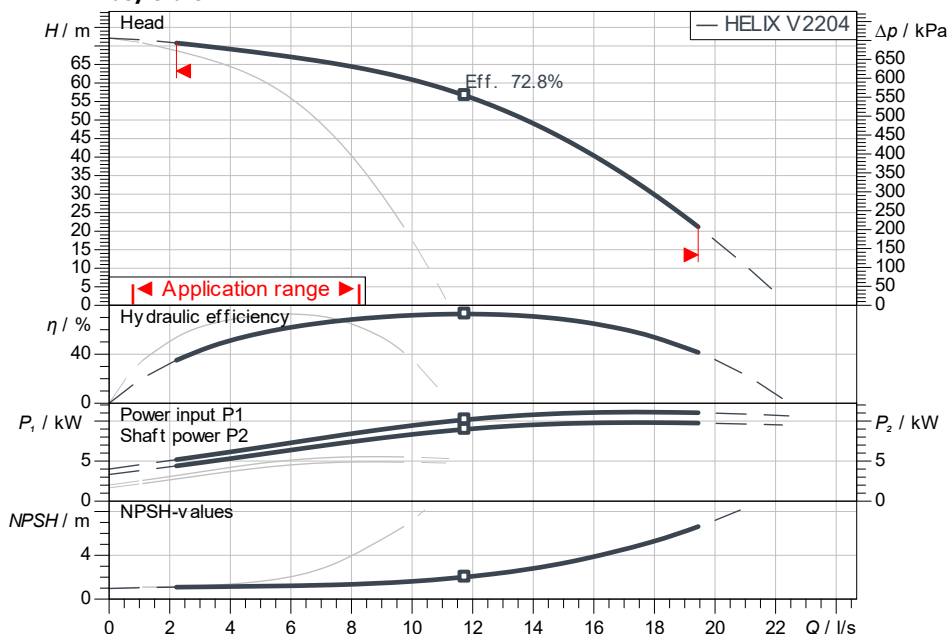
SiBoost Smart 2 Helix V 2204

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
Fluid temperature
Density
Kin. viscosity

Water 100 %
20.00 °C
998.30 kg/m³
1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2

Product data

Multi-pump system
SiBoost Smart 2 Helix V 2204

No. of pumps 2
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 5.50 kW
Rated current 10.50 A
Power factor 0.86
Efficiency 87.1/89/89.2%
Degree of protection IP55
Insulation class F
Motor protection Yes

Fitting dimensions

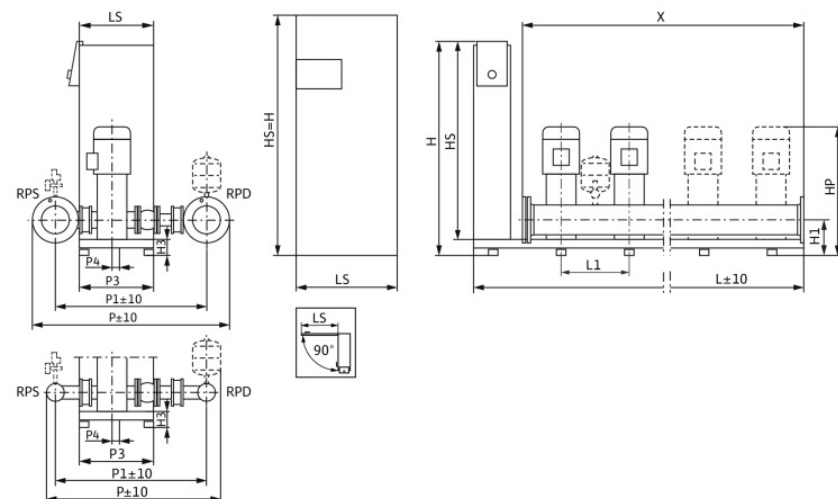
Pipe connection on the suction side R 3, PN 10
Pipe connection (pressure side) R 3, PN 16

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. 291 kg
Item number 2540719



Dimensions

mm

DNd	R 3, PN 1	H3	105	LS	250	X	600
DNs	R 3, PN 1	HP	966	P	1,113		
H	1,405	HS	1,300	P1	966		
H1	195	L	950	P3	420		
H2	319.5	L1	300	P4	30		

Dimensions

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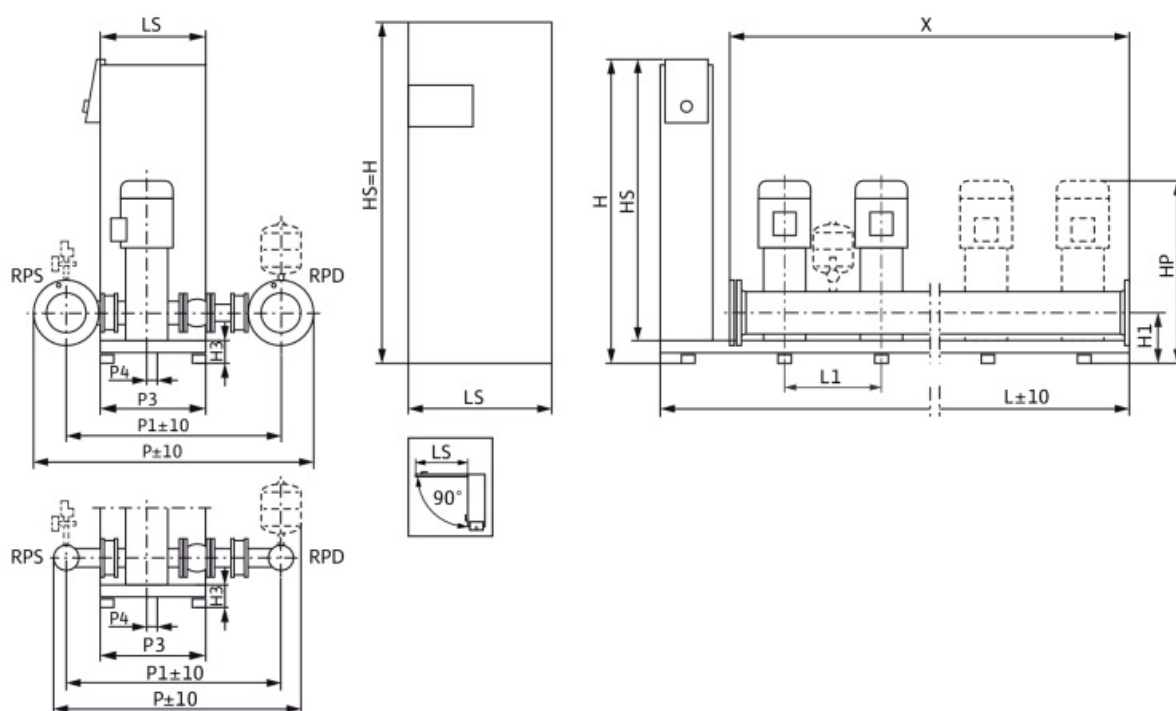
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Standard

Suction side R 3, PN 10/PN 16

Discharge side R 3, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	R 3, PN 16	HS	1,300	P4	30		
DNs	R 3, PN 10	L	950	X	600		
H	1,405	L1	300				
H1	195	LS	250				
H2	319.5	P	1,113				
H3	105	P1	966				
HP	966	P3	420				