

Customer

Technical data

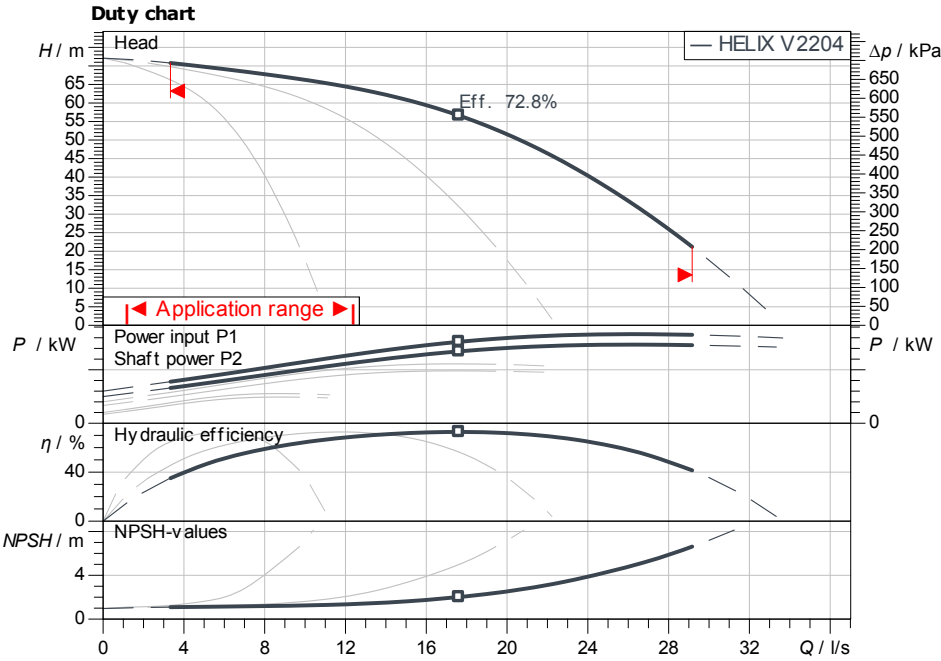
Multi-pump system

COR-3 Helix V 2204/K/CC-01

Project ID: Untitled project 2025-03-02 07:54:47.232

Project name
Installation location
Customer pos. No.

Date: 2025-03-02



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
COR-3 Helix V 2204/K/CC-01
Control: With frequency converter
No. of pumps: 3
Max. operating pressure: 1,600 kPa
Inlet pressure max.: 1,000 kPa
Fluid temperature: 3 °C ... +50 °C
Max. ambient temperature: 40 °C
Protection class motor: 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: 50% / 75% / 100%
Insulation class: F
Motor protection: Yes

Fitting dimensions

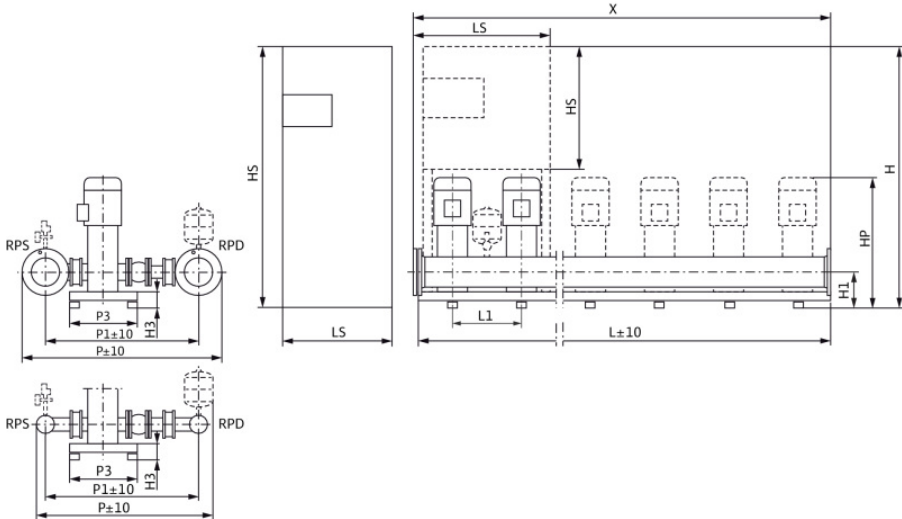
Pipe connection on the suction side: DN 100, PN 10
Pipe connection (pressure side): DN 100, PN 16

Materials

Pump housing: 1.4308
Impeller: 1.4404
Shaft: 1.4057
Shaft seal: Q1BE3GG
Gasket material: EPDM
Pipework material: 1.4404

Information for order placements

Weight approx.: 703 kg
Item number: 2530556



Dimensions

mm

DNd	DN 100, PN	HP	1,058	P	1,220
DNs	DN 100, PN	HS	1,900	P1	1,000
H	1,900	L	1,580	P3	500
H1	215	L1	500	P4	30
H3	125	LS	800	X	1,500

Contact
E-mail
Phone

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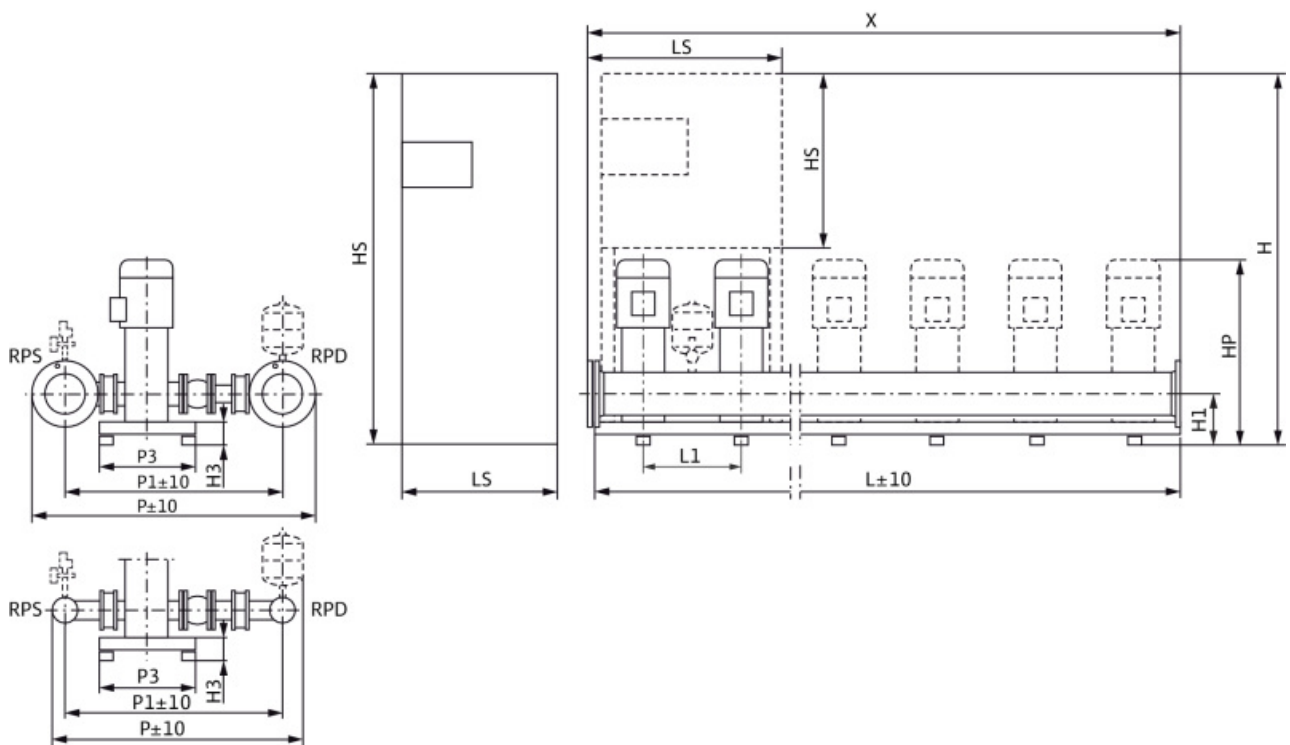
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Standard

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	L	1,580	X	1,500		
DNs	DN 100, PN 10	L1	500				
H	1,900	LS	800				
H1	215	P	1,220				
H3	125	P1	1,000				
HP	1,058	P3	500				
HS	1,900	P4	30				