

**Customer**

## Technical data

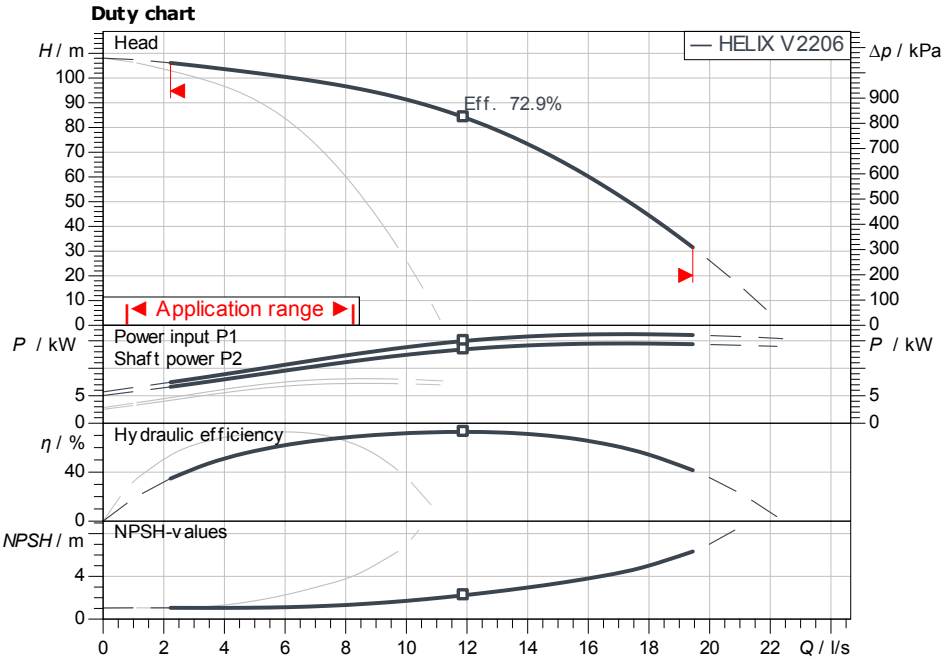
### Multi-pump system

### COR-2 Helix V 2206/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/m<sup>3</sup>  
Kin. viscosity: 1.00 mm<sup>2</sup>/s

**Hydraulic data (Duty point)**

Flow  
Head  
Shaft power P2

**Product data**

Multi-pump system  
COR-2 Helix V 2206/K/CC-01  
Control: With frequency converter  
No. of pumps: 2  
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: 7.50 kW  
Rated current: 13.70 A  
Power factor: 0.88  
Efficiency: 50%/75%/100%  
Insulation class: F  
Motor protection: Yes

**Fitting dimensions**

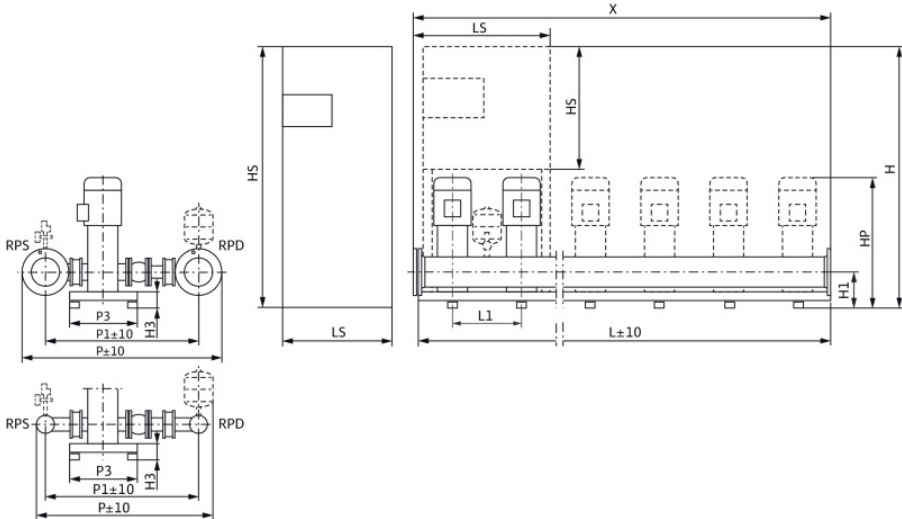
Pipe connection on the suction side: R 3, PN 10  
Pipe connection (pressure side): R 3, PN 16

**Materials**

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

**Information for order placements**

Weight approx.: 558 kg  
Item number: 2530551



**Dimensions**

mm

DNd	R 3, PN 16	HP	1,289	P	1,122
DNs	R 3, PN 10	HS	1,900	P1	975
H	1,900	L	1,080	P3	500
H1	215	L1	500	P4	30
H3	125	LS	600	X	1,000

Contact  
E-mail  
Phone

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## Dimensions

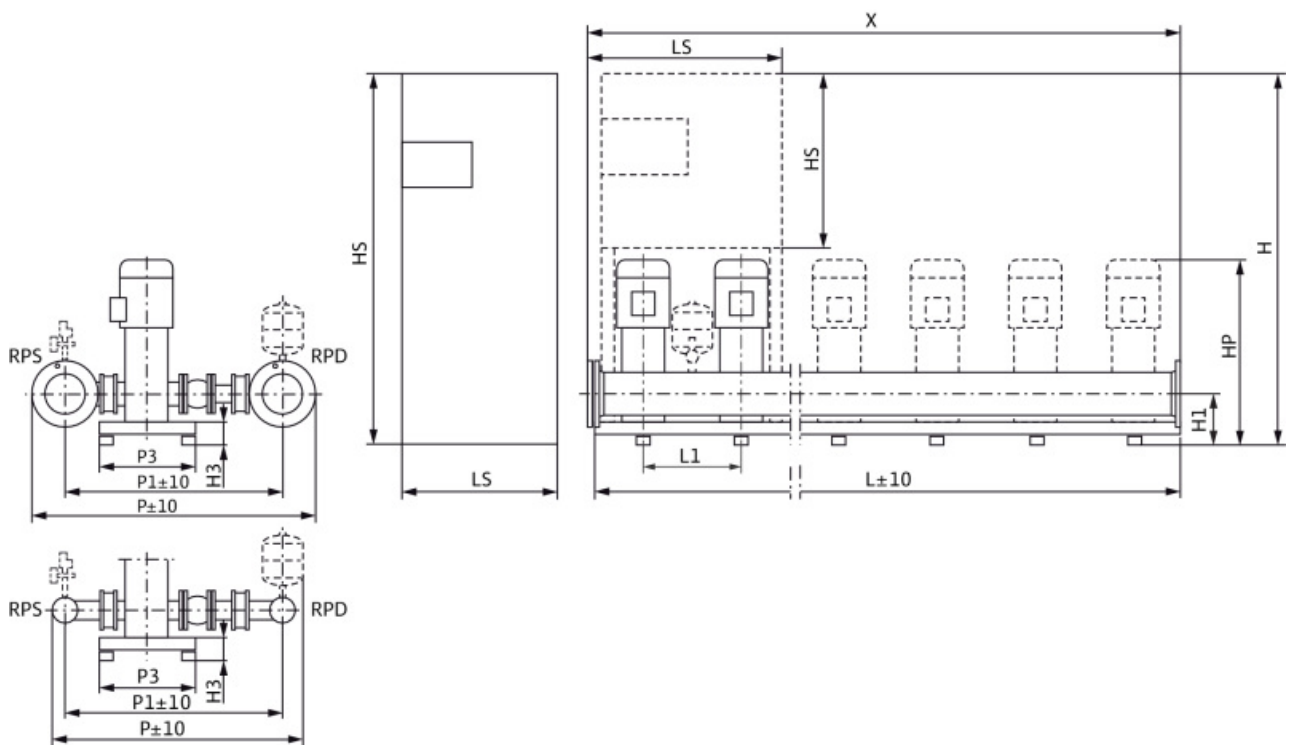
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**Standard**

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	L	1,080	X	1,000		
DNs	R 3, PN 10	L1	500				
H	1,900	LS	600				
H1	215	P	1,122				
H3	125	P1	975				
HP	1,289	P3	500				
HS	1,900	P4	30				