

Customer

Technical data

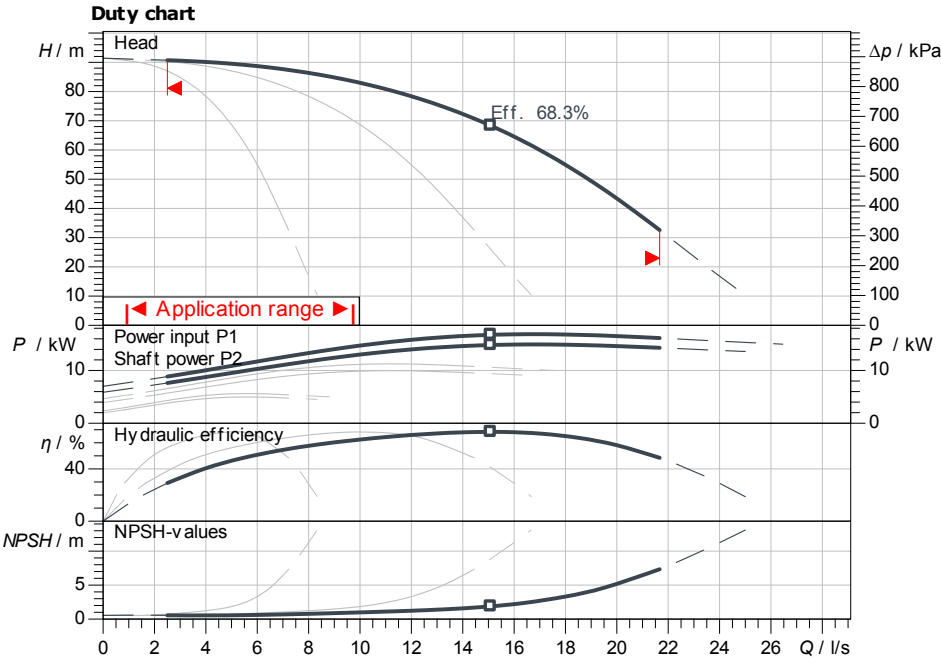
Multi-pump system

COR-3 Helix V 1607/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 1607/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

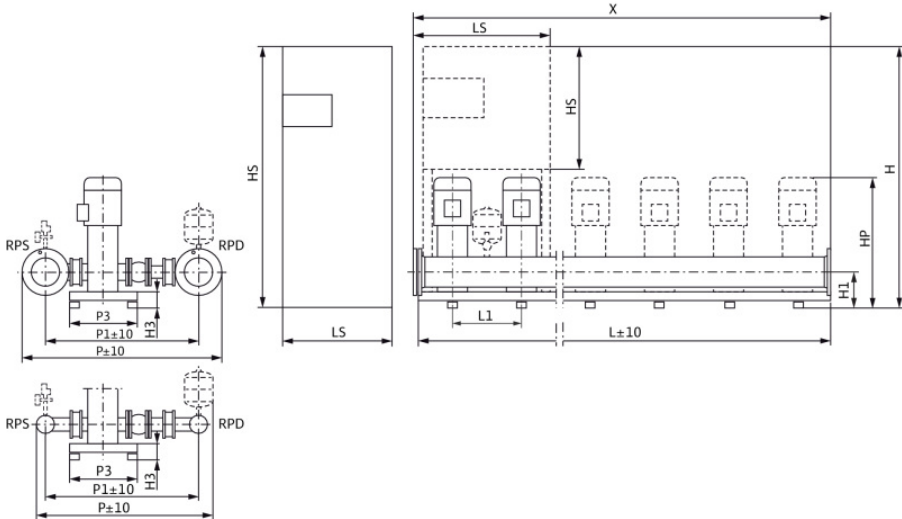
Pipe connection on the suction side: R 3, PN 10
Pipe connection (pressure side): R 3, PN 16

Materials

Pump housing: 1.4301
Impeller: 1.4307
Shaft: 1.4301
Shaft seal: Q1BE3GG
Gasket material: EPDM
Pipework material: 1.4404

Information for order placements

Weight approx.: 492 kg
Item number: 2532268



Dimensions

mm

DNd	R 3, PN 16	HP	1,152	P	980
DNs	R 3, PN 10	HS	1,900	P1	785
H	1,900	L	900	P3	450
H1	192	L1	300	P4	25
H3	102	LS	800	X	900

Contact
E-mail
Phone

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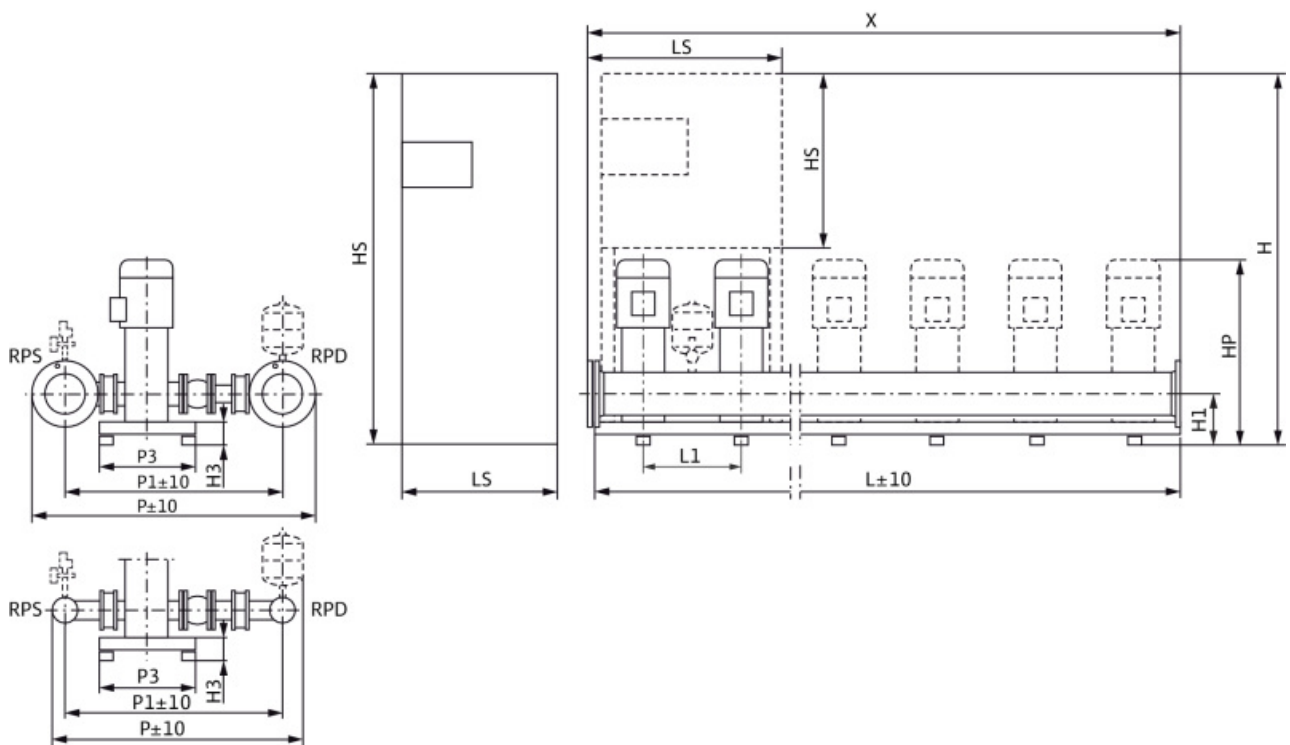
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Standard

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	L	900	X	900		
DNs	R 3, PN 10	L1	300				
H	1,900	LS	800				
H1	192	P	980				
H3	102	P1	785				
HP	1,152	P3	450				
HS	1,900	P4	25				