

Customer

Technical data

Multi-pump system

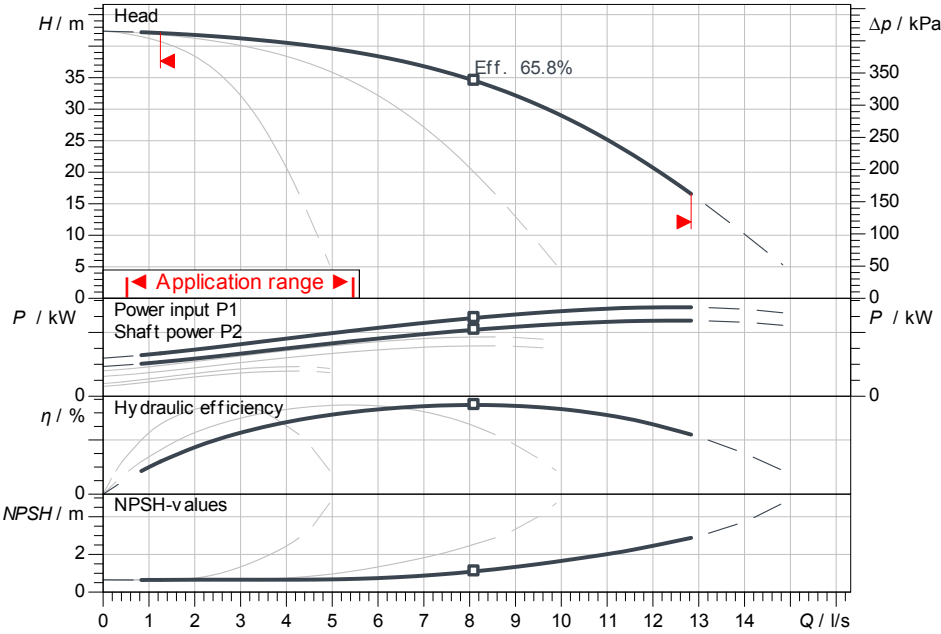
COR-3 Helix V 1004/K/CC-01

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

Project name
Installation location
Customer pos. No.

Date 2025-03-02

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
COR-3 Helix V 1004/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 1.50 kW
Rated current 3.00 A
Power factor 0.85
Efficiency 50% / 75% / 100%
Insulation class F
Motor protection Yes

Fitting dimensions

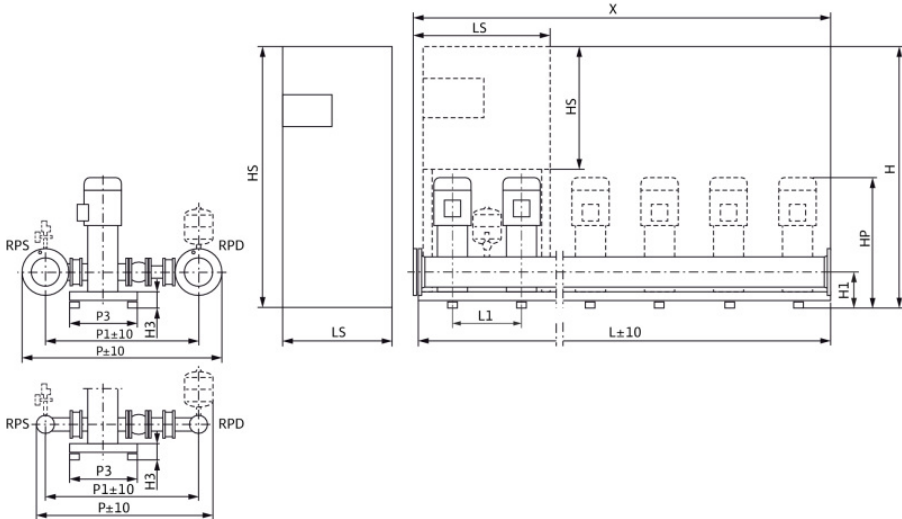
Pipe connection on the suction side R 2½, PN 10
Pipe connection (pressure side) R 2½, PN 16

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. 239 kg
Item number 2534176



Dimensions

mm

DNd	R 2½, PN 16	HP	874	P	895
DNs	R 2½, PN 10	HS	760	P1	754
H	1,885	L	900	P3	450
H1	185	L1	300	P4	25
H3	105	LS	600	X	900

Contact
E-mail
Phone

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Dimensions

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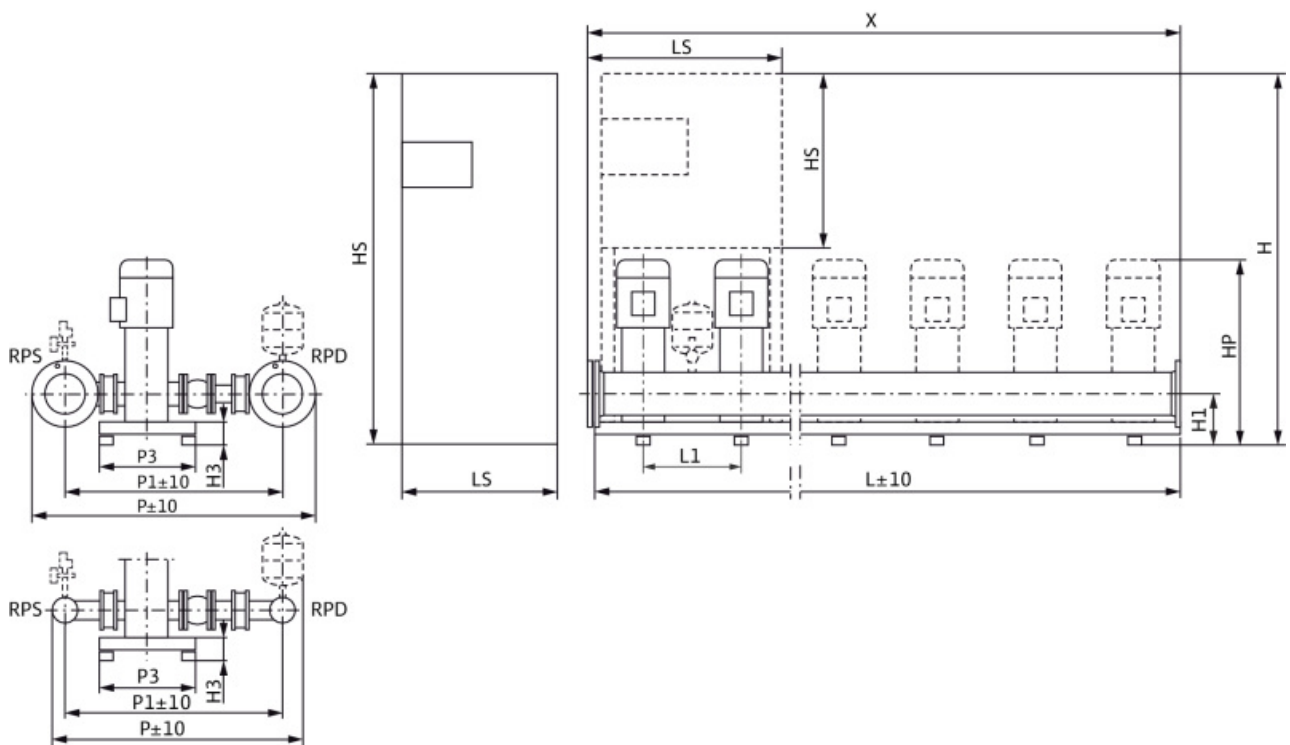
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Standard

Suction side R 2½, PN 10/PN 16
Discharge side R 2½, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	R 2½, PN 16	L	900	X	900		
DNs	R 2½, PN 10	L1	300				
H	1,885	LS	600				
H1	185	P	895				
H3	105	P1	754				
HP	874	P3	450				
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