

Customer

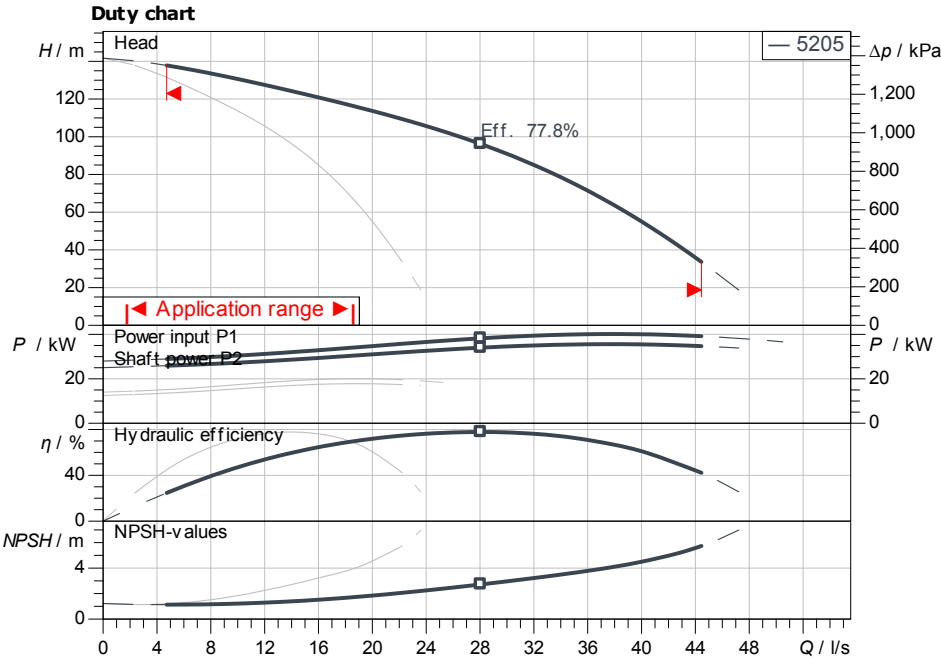
Technical data

Multi-pump system CO-2 Helix V 5205/K/CC-02

Project ID Untitled project 2025-03-02 00:16:13.422

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
CO-2 Helix V 5205/K/CC-02
Control Without frequency conversion
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 18.50 kW
Rated current 32.80 A
Power factor 0.89
Efficiency 50% / 75% / 100%
Insulation class F
Motor protection Yes

Fitting dimensions

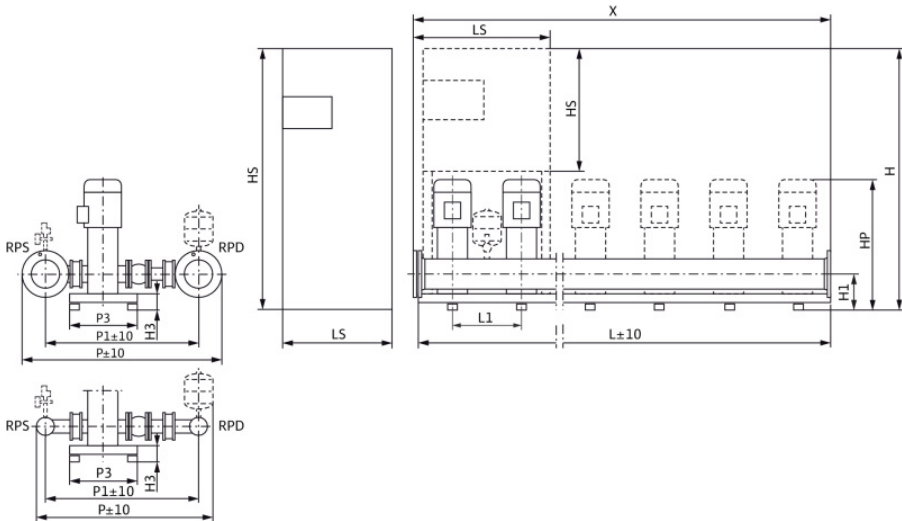
Pipe connection on the suction side DN 125, PN 10
Pipe connection (pressure side) DN 125, PN 16

Materials

Pump housing 1.4409
Impeller 1.4404
Shaft 1.4404
Shaft seal Q1BE3GG
Gasket material FKM
Pipework material 1.4404

Information for order placements

Weight approx. 558 kg
Item number 2530670



Dimensions

mm

DNd	DN 125, PN	HP	1,637	P	1,286
DNs	DN 125, PN	HS	760	P1	1,036
H	1,905	L	1,580	P3	500
H1	262	L1	500	P4	30
H3	125	LS	600	X	1,000

Contact
E-mail
Phone

Customer

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Phone

Dimensions

Multi-pump system

CO-2 Helix V 5205/K/CC-02

Project ID

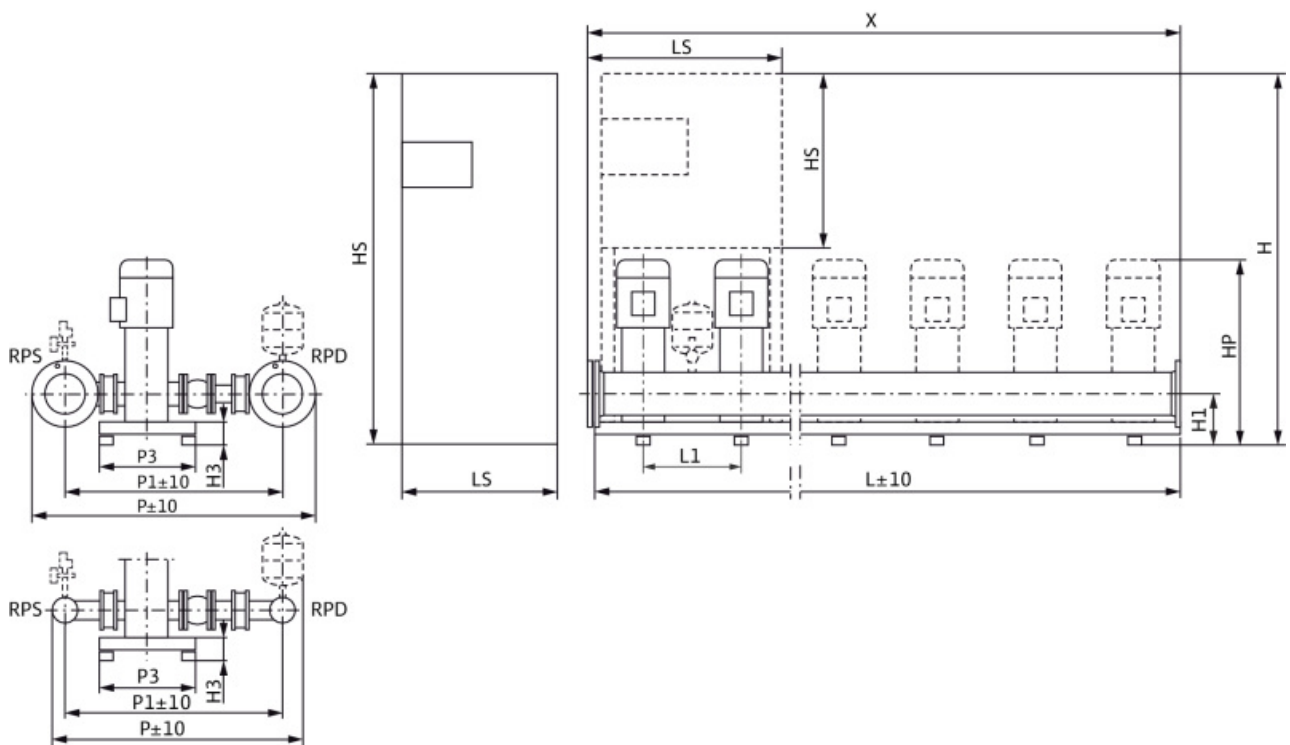
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Standard

Suction side DN 125, PN 10/PN 16

Discharge side DN 125, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	DN 125, PN 16	L	1,580	X	1,000		
DNs	DN 125, PN 10	L1	500				
H	1,905	LS	600				
H1	262	P	1,286				
H3	125	P1	1,036				
HP	1,637	P3	500				
HS	760	P4	30				