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Customer

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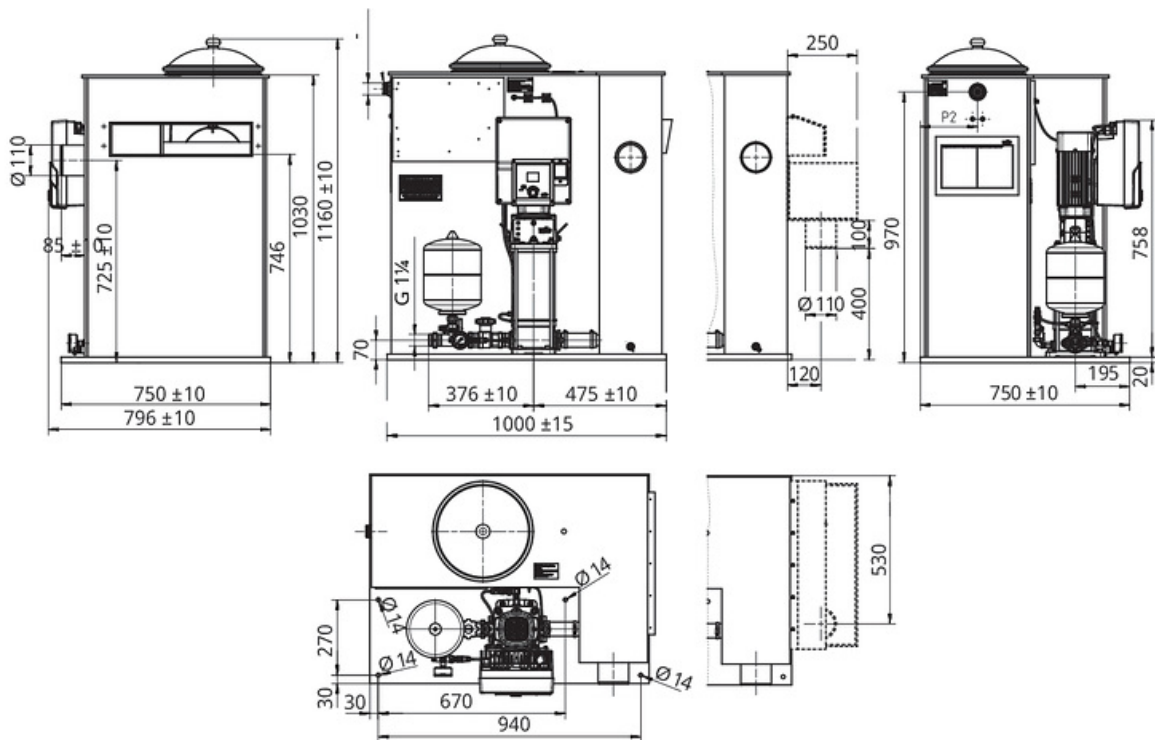
Dimensions

Single-pump system
COR/T-1HELIX2.0 VE405-GE

Project ID Untitled project 2025-03-02 00:10:15.936

Project name
Installation location
Customer pos. No.

Date 2025-03-02



Standard

Suction side G 1¼, PN 10/PN 16
Discharge side G 1¼, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
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Customer

Technical data

Single-pump system

COR/T-1HELIX2.0 VE405-GE

Project ID Untitled project 2025-03-02 00:10:15.936

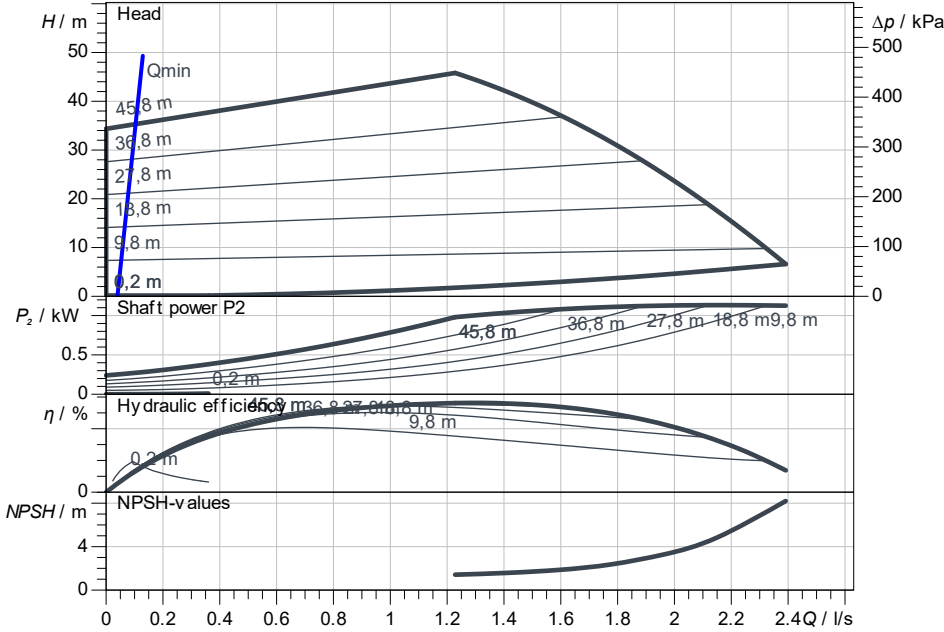
Project name B6FB069C-0A4D-438F-B1B2-F5CB6E8C30C0

Installation location

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Date 2025-03-02

Duty chart



Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	

Product data

Single-pump system	
COR/T-1HELIX2.0 VE405-GE	
Control	With frequency converter
No. of pumps	1
Max. operating pressure	1,600 kPa
Inlet pressure max.	6 bar
Fluid temperature	5 °C ... +40 °C
Max. ambient temperature	40 °C
Protection class motor	IP55
Protection class of switchgear	IP55
Diaphragm pressure vessel	Yes
Low-water cut-out switchgear	No

Motordata per Motor/Pump

Motor efficiency level	IE5
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	400/50: +/- 10%, 380/6
Rated speed	
Rated power P2	1.10 kW
Rated current	2.00 A
Power factor	
Efficiency	50% / 75% / 100%
Degree of protection	IP55
Insulation class	F
Motor protection	Yes

Fitting dimensions

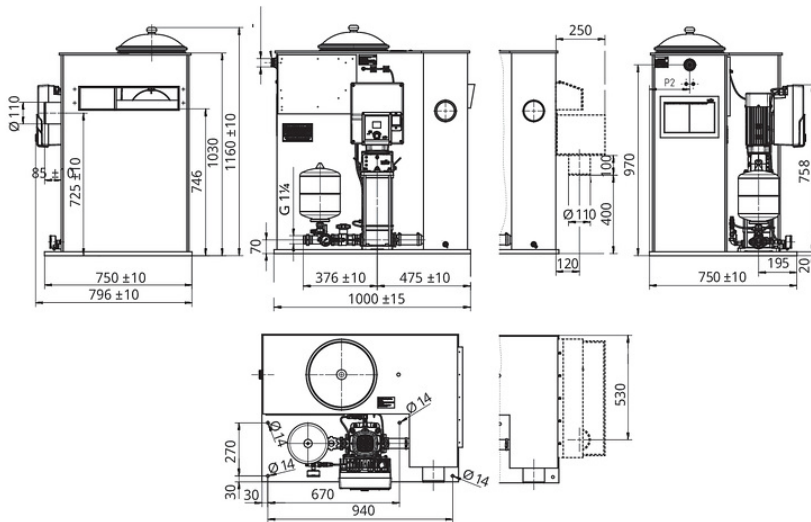
Pipe connection on the suction side	G 1 1/4, PN 10
Pipe connection (pressure side)	G 1 1/4, PN 16
Overflow connection	Ø 110
Gross volume	150 l

Materials

Tank	PE-HD
Pump housing	1.4301
Impeller	1.4307
Shaft	1.4301
Shaft seal	BQ7EGG
Gasket material	EPDM
Pipework material	1.4307

Information for order placements

Weight approx.	93 kg
Item number	4254829



Dimensions mm