

Technical data

Single-pump system

SiBoost2.0 Smart 1 Helix VE 1005

Project ID

Untitled project 2025-03-04 05:18:48.548

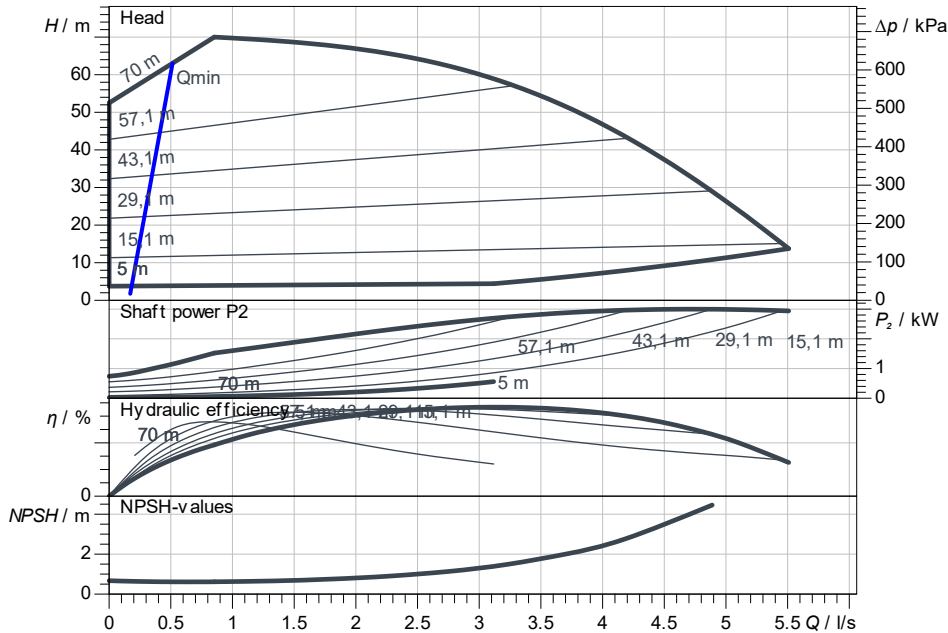
Project name

Installation location

Customer pos. No.

Date 2025-03-04

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	
SiBoost2.0 Smart 1 Helix VE 1005	
Control	With frequency converter
No. of pumps	1
Max. operating pressure	1,600 kPa
Inlet pressure max.	10 bar
Fluid temperature	3 °C ... +50 °C
Max. ambient temperature	40 °C
Protection class motor	IP55
Protection class of switchgear	IP55
Diaphragm pressure vessel	Yes
Low-water cut-out switchgear	Yes

Motordata per Motor/Pump

Motor efficiency level	IE5
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	400/50: +/- 10%, 380/60
Max. speed	
Rated power P2	3.00 kW
Rated current	5.30 A

Efficiency	0/0/92.7%
Insulation class	F
Motor protection	Yes

Fitting dimensions

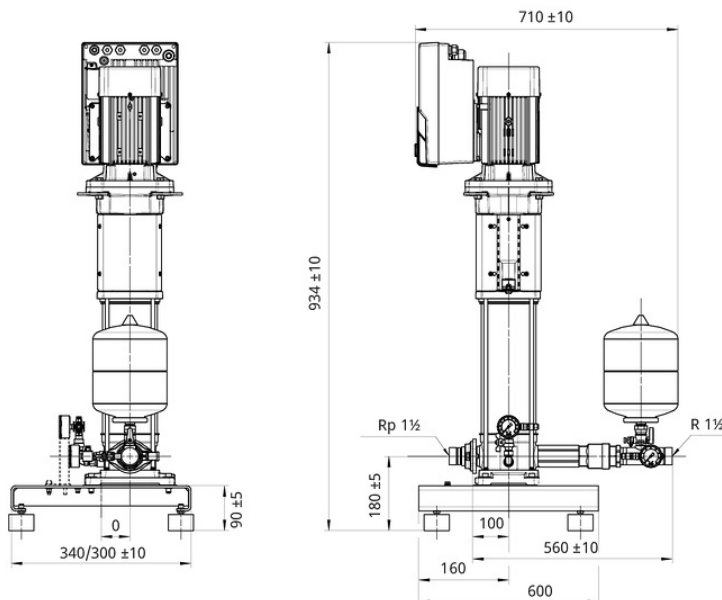
Pipe connection on the suction side	Rp 1 1/2, PN 10
Pipe connection (pressure side)	R 1 1/2, PN 16

Materials

Pump housing	1.4301
Impeller	1.4307
Shaft	1.4301
Shaft seal	BQ 7EGG
Gasket material	EPDM
Pipework material	1.4404

Information for order placements

Weight approx.	59 kg
Item number	4257973



Dimensions mm



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

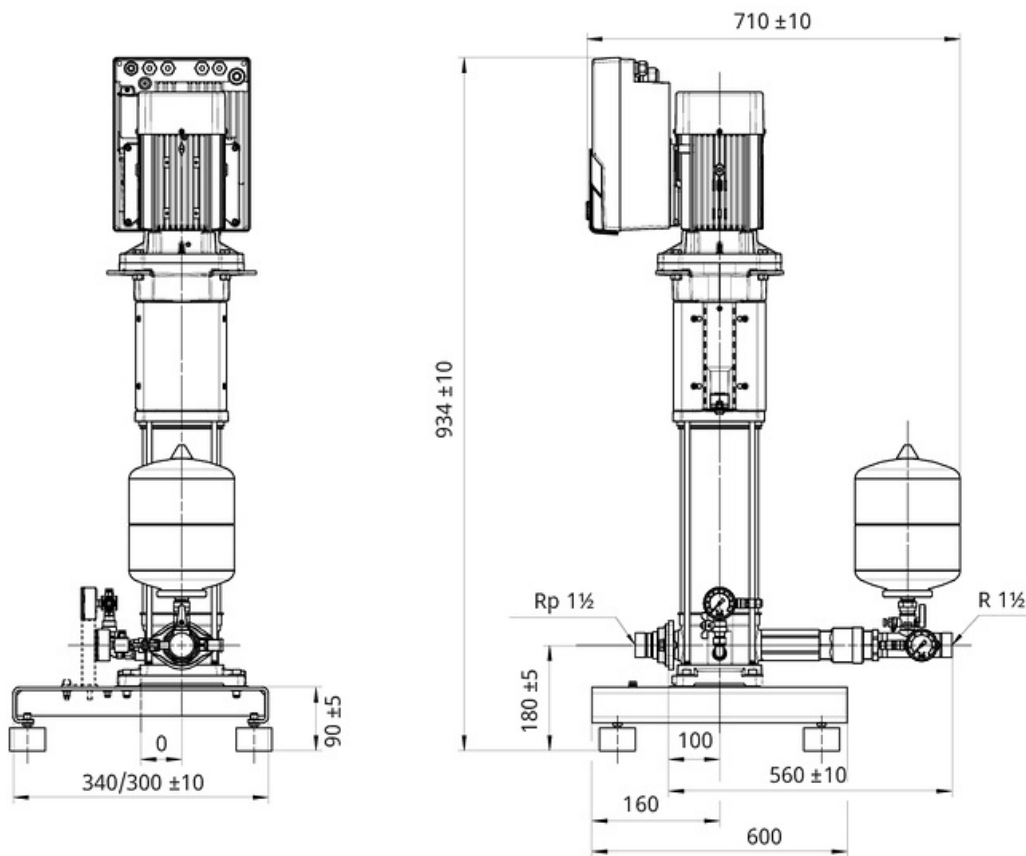
Dimensions

Single-pump system
SiBoost2.0 Smart 1 Helix VE 1005

Project ID Untitled project 2025-03-04 05:18:48.548

Project name
Installation location
Customer pos. No.

Date 2025-03-04



Standard

Suction side Rp 1 1/2, PN 10/PN 16
Discharge side R 1 1/2, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
------	-------	------	-------	------	-------	------	-------