Contact
E-mail
Phone

Customer

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Technical data

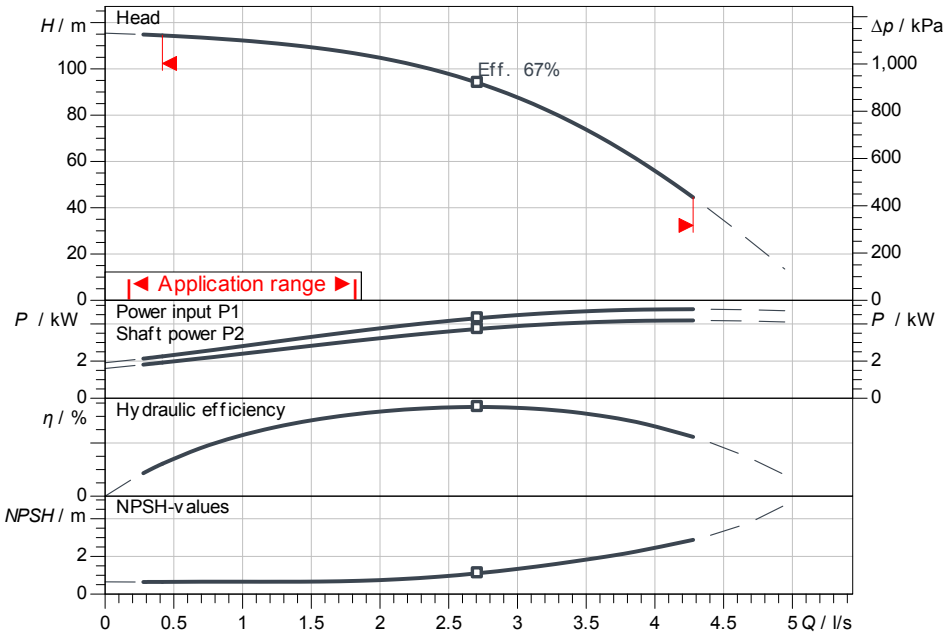
Single-pump system
CO-1 Helix V 1011/EC

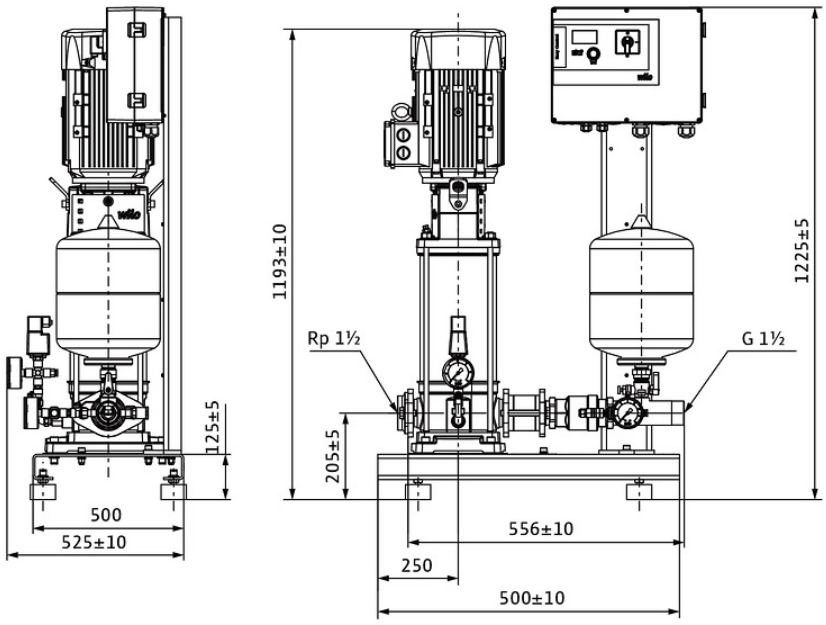
Project ID Untitled project 2025-03-03 10:19:29.207

Project name
Installation location
Customer pos. No.

Date 2025-03-03

Duty chart





Dimensions mm

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

Single-pump system	
CO-1 Helix V 1011/EC	
Control	Without frequency conve
No. of pumps	1
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	4.00 kW
Rated current	7.40 A
Power factor	0.87
Efficiency	
50%/ 75% / 100%	86.5/88/88.1%
Insulation class	F
Motor protection	Yes

Fitting dimensions

Pipe connection on the suction side	Rp 1½, PN 10
Pipe connection (pressure side)	G 1½, PN 16

Materials

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

Information for order placements

Weight approx.	95 kg
Item number	2554866

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Dimensions

Single-pump system

CO-1 Helix V 1011/EC

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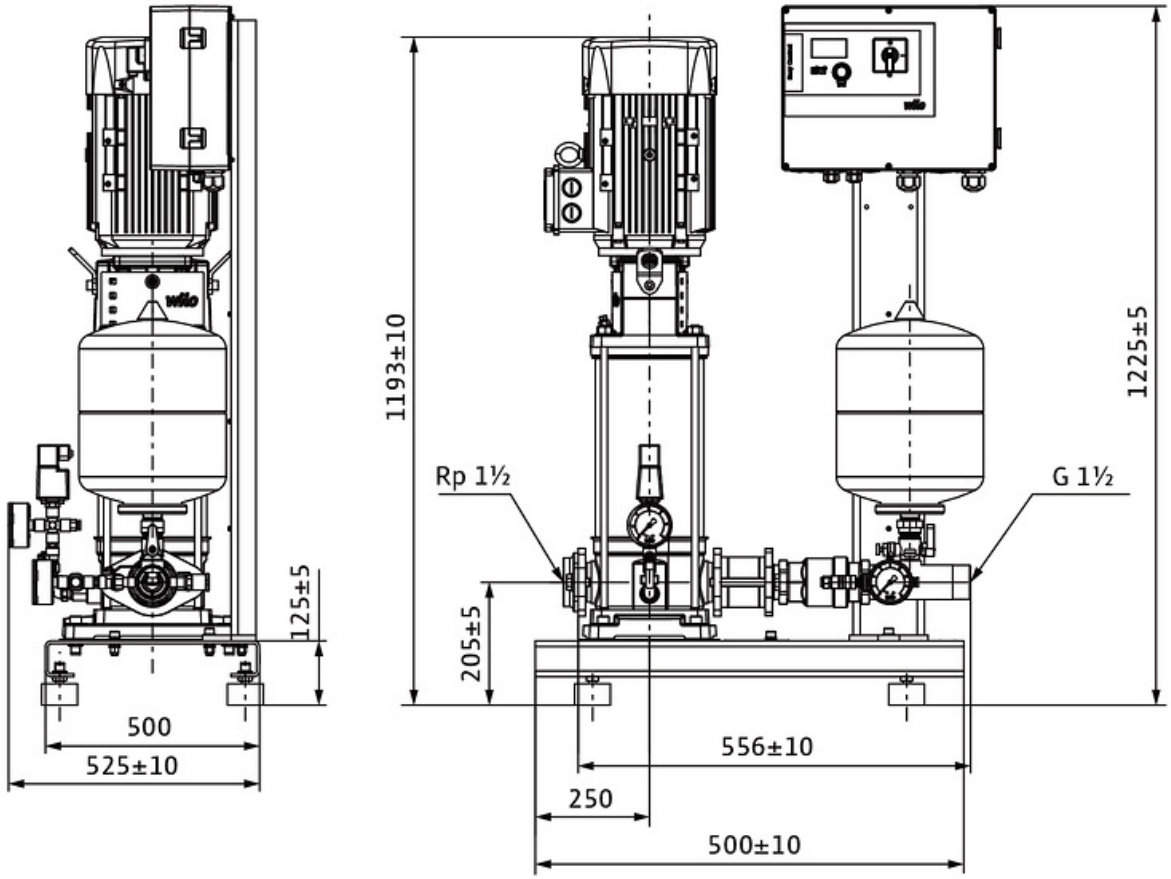

Standard

Suction side Rp 1½, PN 10/PN 16
Discharge side G 1½, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value