

**Customer**

## Technical data

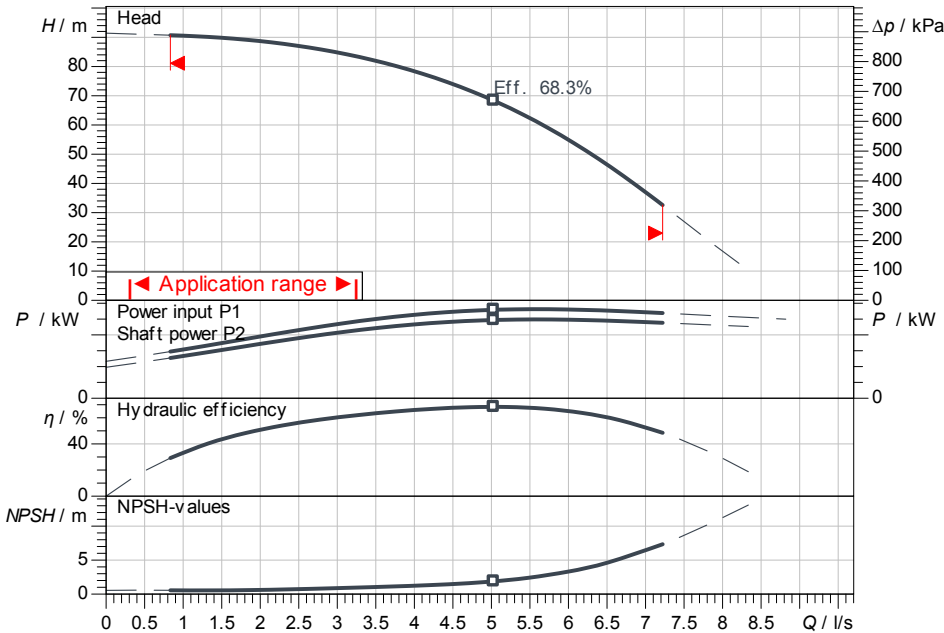
### Single-pump system CO-1 Helix V 1607/EC

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

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-03

#### Duty chart



#### Requested data

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

#### Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	

#### Product data

Single-pump system	
CO-1 Helix V 1607/EC	
Control	Without frequency conversion
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	5.50 kW
Rated current	10.50 A
Power factor	0.86
Efficiency	
50% / 75% / 100%	87.1/89/89.2%
Insulation class	F
Motor protection	Yes

#### Fitting dimensions

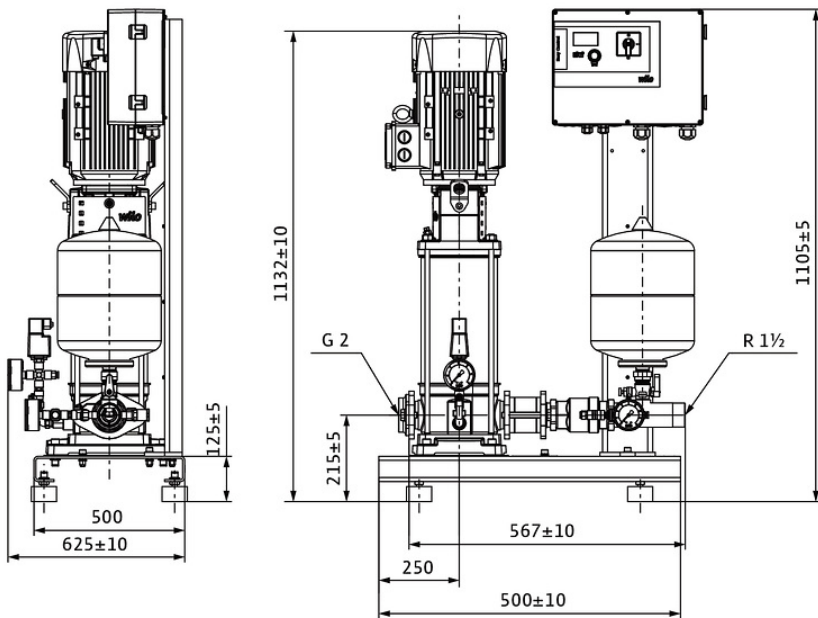
Pipe connection on the suction side	G 2, PN 10
Pipe connection (pressure side)	R 1½, PN 16

#### 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.	100 kg
Item number	2554874



**Dimensions**                      mm

