

Technical data

Multi-pump system

SiBoost Smart 2 Helix V 1015

Project ID

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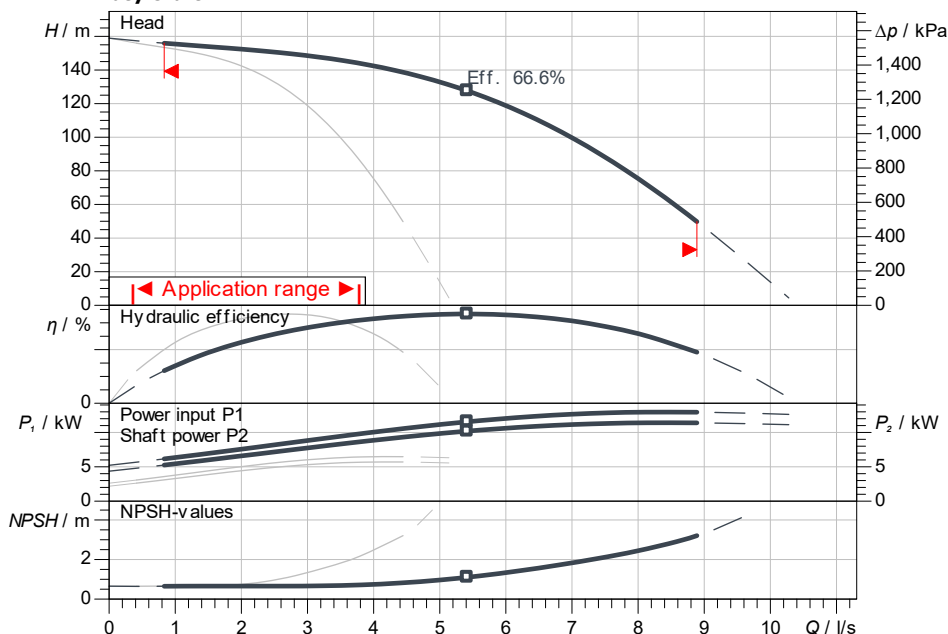
Project name

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

Multi-pump system
SiBoost Smart 2 Helix V 1015

No. of pumps	2
Max. operating pressure	1,600 kPa
Inlet pressure max.	600
Fluid temperature	3 °C ... +50 °C
Max. ambient temperature	40 °C
Protection class system	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	87.1/89/89.2%
50% / 75% / 100%	
Degree of protection	IP55
Insulation class	F
Motor protection	Yes

Fitting dimensions

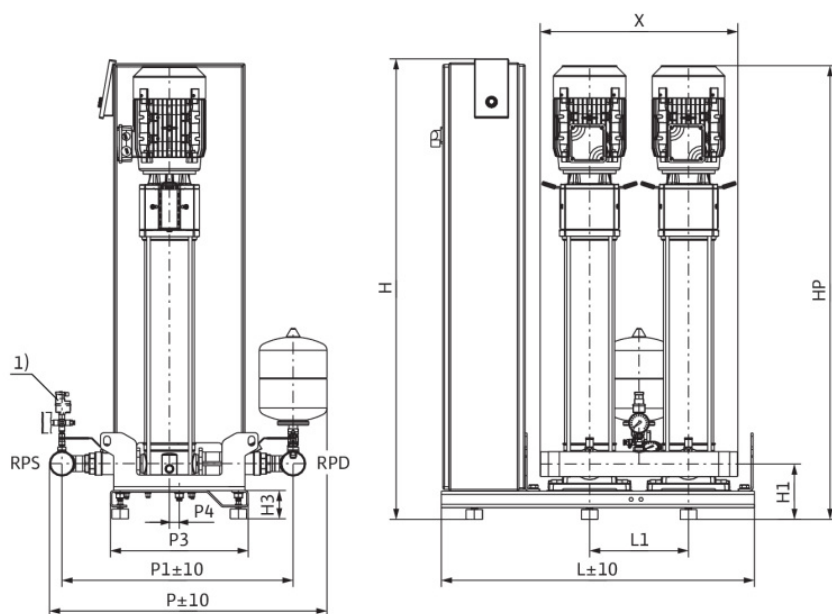
Pipe connection on the suction side	R 2½, PN 10
Pipe connection (pressure side)	R 2½, PN 16

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.	262 kg
Item number	2536087



Dimensions

mm

DNd	R 2½, PN H3	90	LS	250	X	600
DNs	R 2½, PN HP	1,380	P	845		
H	1,405	HS	1,300	P1	704	
H1	170	L	950	P3	420	
H2	288	L1	300	P4	30	

