Contact
E-mail
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Customer

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Technical data

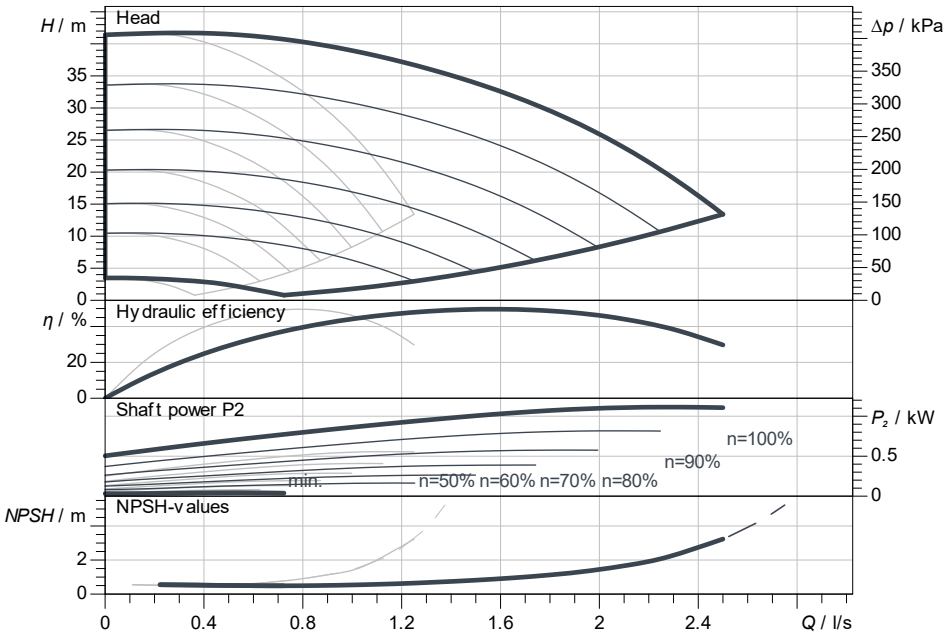
Multi-pump system
SiBoost Smart 2 Helix VE 204

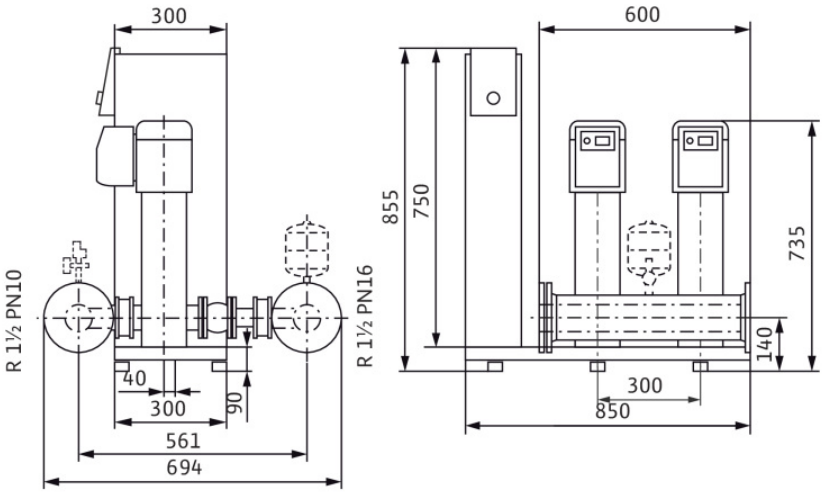
Project ID Untitled project 2025-03-04 01:04:54.425

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/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	

Product data

Multi-pump system	
SiBoost Smart 2 Helix VE 204	
Control	With frequency converte
No. of pumps	2
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	IP 55
Protection class of switchgear	IP54
Diaphragm pressure vessel	Yes
Low-water cut-out switchgear	No

Motordata per Motor/Pump

Motor efficiency level	IE4
Mains connection	3~400 V / 50 Hz
Permitted voltage tolerance	±10%
Max. speed	3,500 1/min
Rated power P2	0.55 kW
Rated current	1.50 A
Efficiency	
50% / 75% / 100%	80/80/80%
Insulation class	F
Motor protection	Yes

Fitting dimensions

Pipe connection on the suction side	R 1½, 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.	114 kg
Item number	29990278

Dimensions mm

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Dimensions

Multi-pump system

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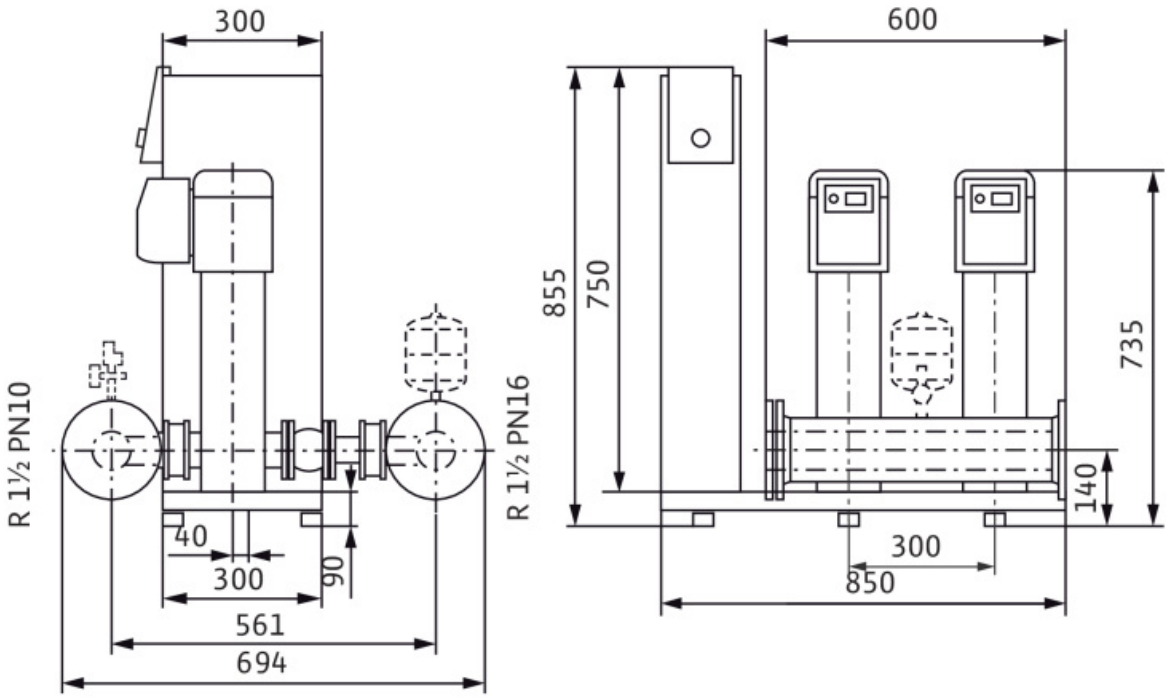

Standard

Suction side R 1½, PN 10/PN 16
Discharge side R 1½, PN 10/PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value