

Technical data

Multi-pump system

Isar MODH1-2CH1-L-1605/SCe

Project ID

Untitled project 2025-03-03 22:14:23.954

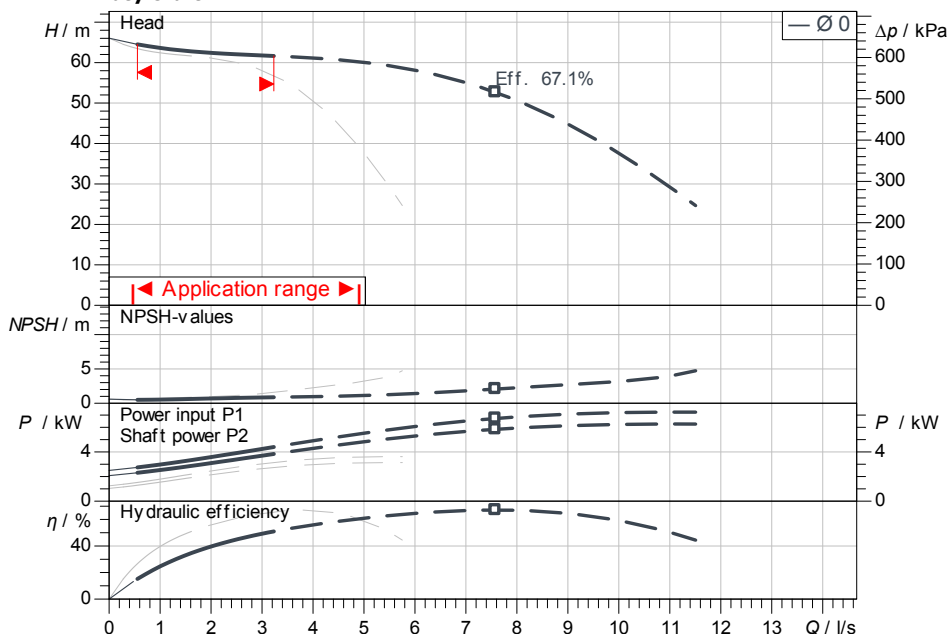
Project name

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/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	

Product data

Multi-pump system	
Isar MODH1-2CH1-L-1605/SCe	
Control	With frequency converter
No. of pumps	2
Max. operating pressure	1,000 kPa
Inlet pressure max.	6 bar
Fluid temperature	3 °C ... +60 °C
Max. ambient temperature	40 °C
Diaphragm pressure vessel	Yes
Low-water cut-out switchgear	Yes

Control

Mains connection	1~220-230 V
	50 Hz
Protection class of switchgear	IP54

Motordata per Motor/Pump

Motor efficiency level	
Rated power P2	2.20 kW
Rated current	4.40 A
Efficiency	
50 % / 75 % / 100 %	// %
Protection class motor	IP 55
Insulation class	F
Motor protection	

Fitting dimensions

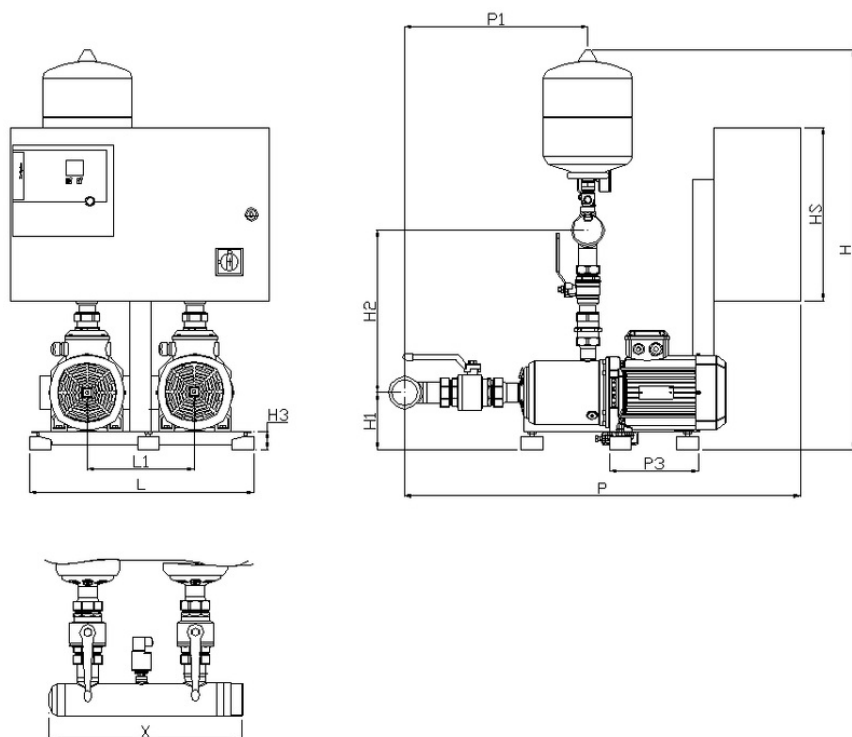
Pipe connection on the suction side	R 3, PN 10
Pipe connection (pressure side)	R 3, PN 10

Materials

Pump housing	1.4301
Impeller	1.4301
Shaft	1.4301
Shaft seal	BQ1E3GG
Gasket material	EPDM
Pipework material	1.4307

Information for order placements

Weight approx.	
Item number	29993572



Dimensions mm

DNd	R 3, PN 1	H3	75	P	995
DNs	R 3, PN 1	HS	600	P1	425
H	1,040	L	600	P3	300
H1	160	L1	250	X	460
H2	440	LS	600		



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

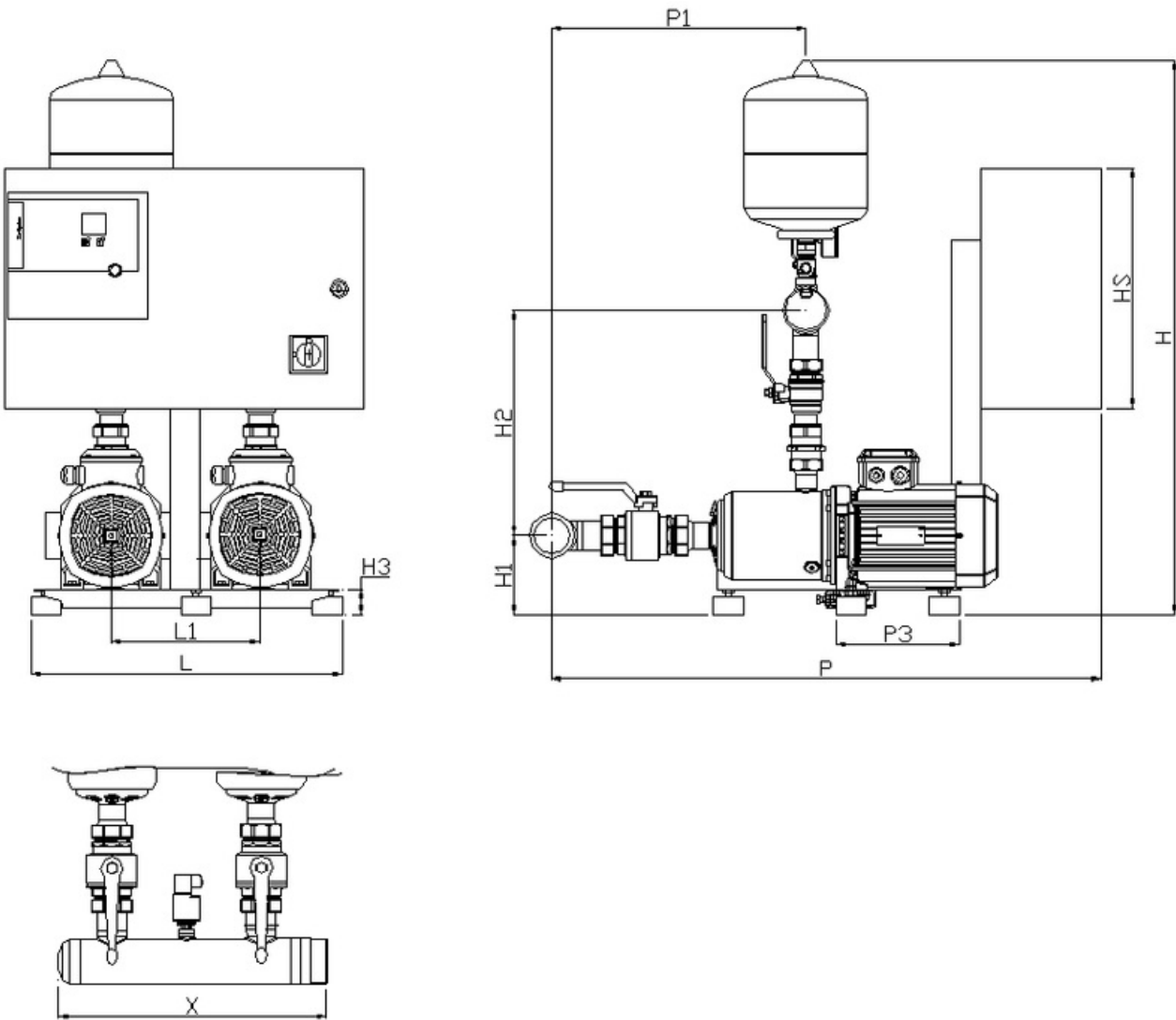
Dimensions

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Standard

Suction side R 3, PN 10
Discharge side R 3, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	R 3, PN 10	L	600				
DNs	R 3, PN 10	L1	250				
H	1,040	LS	600				
H1	160	P	995				
H2	440	P1	425				
H3	75	P3	300				
HS	600	X	460				