

Customer

Technical data

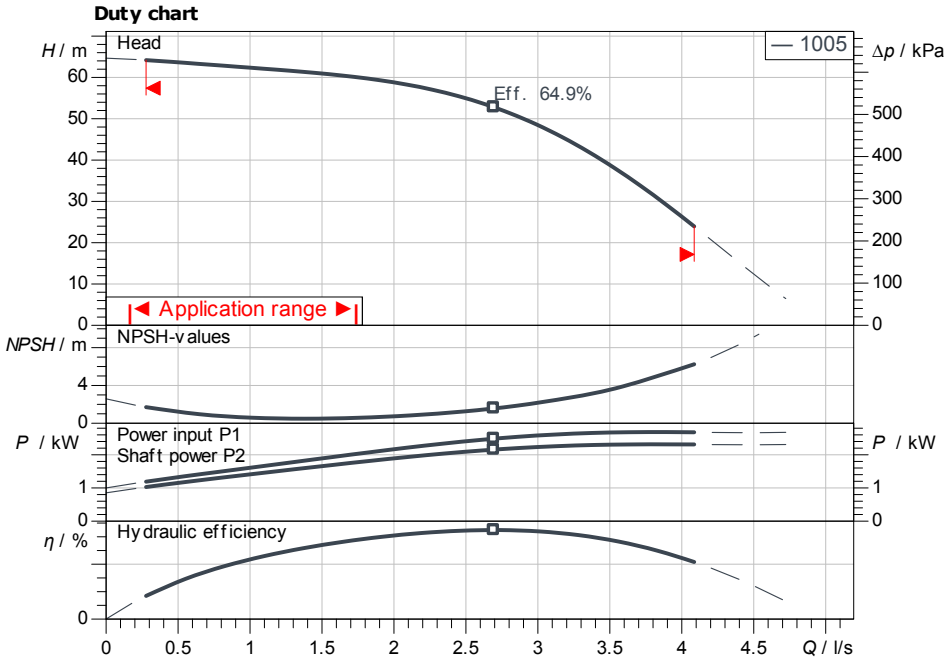
Single-pump system

Isar MODH1-1CH1-L-1005/EC

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

Project name
Installation location
Customer pos. No.

Date 2025-03-03



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
Isar MODH1-1CH1-L-1005/EC
Control Without frequency conversion
No. of pumps 1
Max. operating pressure 1,000 kPa
Inlet pressure max. 6 bar
Fluid temperature 3 °C ... +60 °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 %
Max. speed 2,900 1/min
Rated power P2 2.50 kW
Rated current 5.20 A

Efficiency 87.4/87.4/86.4 %
Insulation class F
Motor protection

Fitting dimensions

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

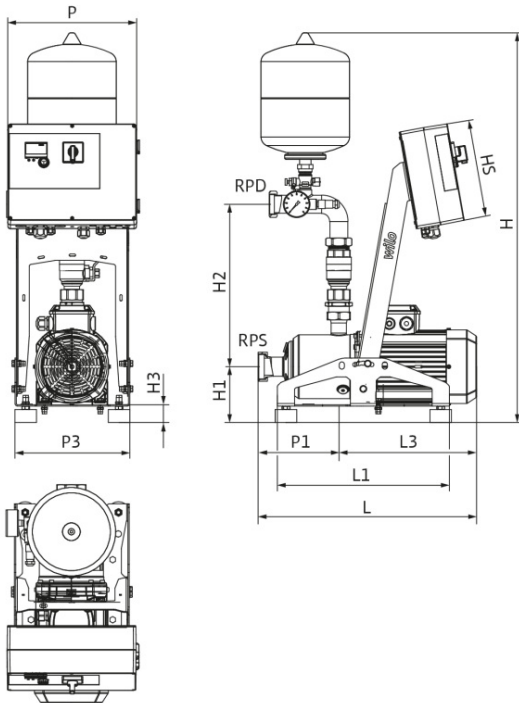
Materials

Pump housing 1.4301

Impeller 1.4301
Shaft 1.4301
Shaft seal BQ1E3GG
Gasket material EPDM
Pipework material 1.4301/CW617N

Information for order placements

Weight approx. 38 kg
Item number 2551914



Dimensions mm

DNd	G 1½, PN	H3	40	P	300
DNs	G 2, PN 1	HS	230	P1	204
H	899	L	523	P3	267
H1	130	L3	320		
H2	373	LS	110		

Contact
E-mail
Phone

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Dimensions

Single-pump system

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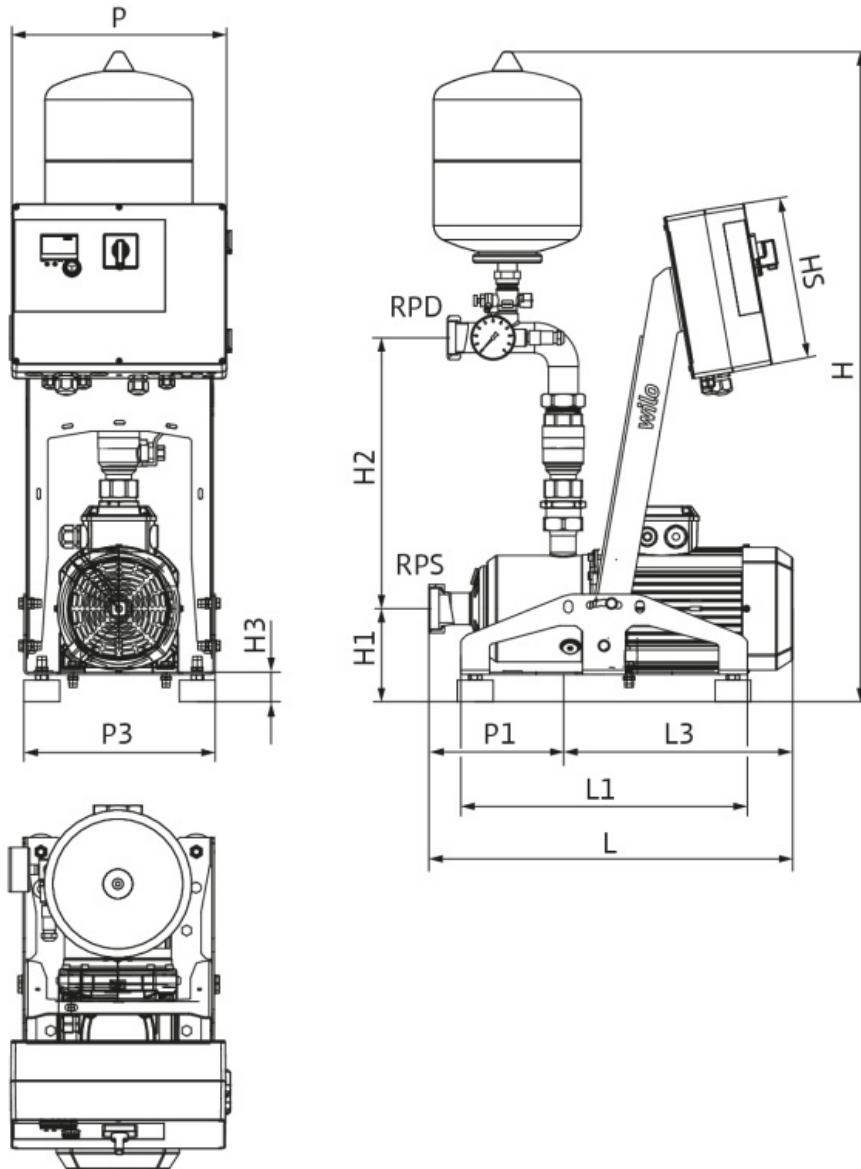
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Standard

Suction side G 2, PN 10

Discharge side G 1½, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	G 1½, PN 10	L	523				
DNs	G 2, PN 10	L3	320				
H	899	LS	110				
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