

Customer

Technical data

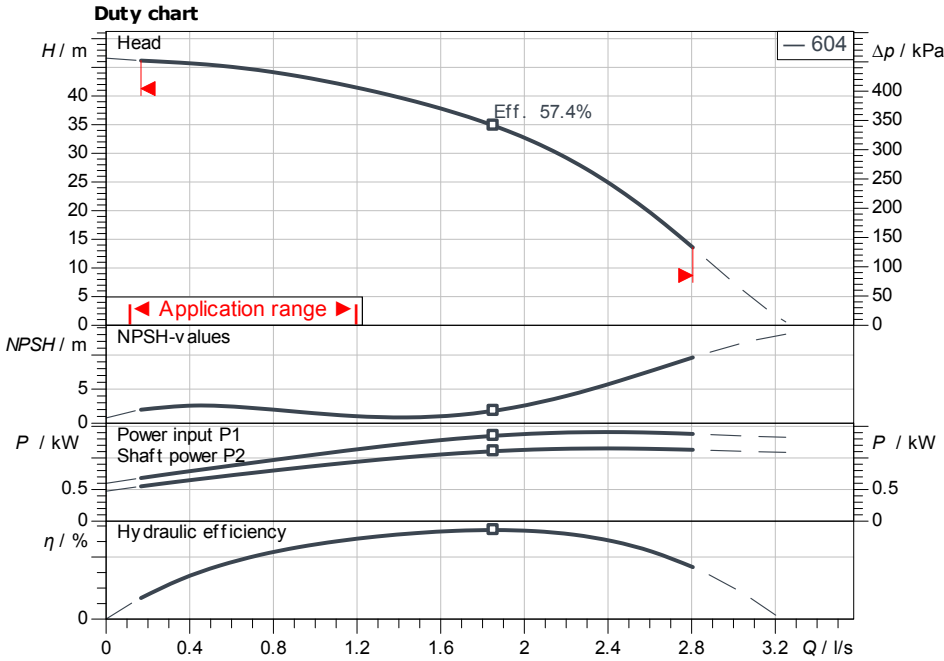
Single-pump system

ISAR MODH1-604/EC-EM-T150

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 MODH1-604/EC-EM-T150
Control: With frequency converter
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
Diaphragm pressure vessel: Yes
Low-water cut-out switchgear: Yes

Control

Mains connection: 1~ 230 V
50 Hz
Protection class of switchgear: IP55

Motordata per Motor/Pump

Motor efficiency level: IE3
Rated power P2: 1.10 kW
Rated current: 2.70 A
Efficiency: 50% / 75% / 100%
Protection class motor: IP55
Insulation class: F
Motor protection: Yes

Fitting dimensions

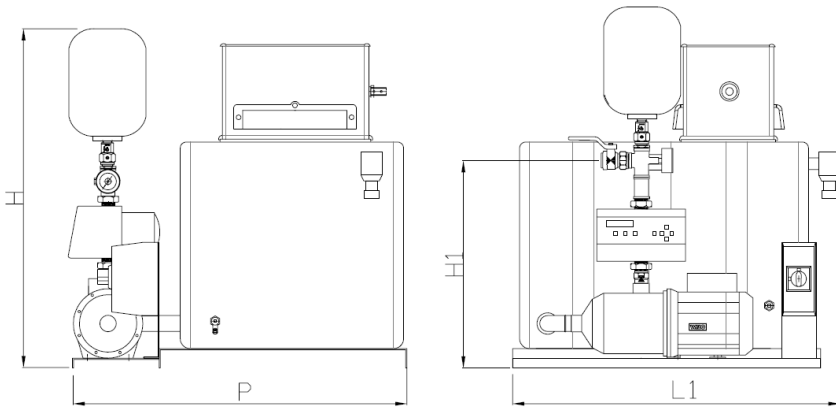
Pipe connection on the suction side: Rp ½, PN 6
Pipe connection (pressure side): Rp 1, PN 10
Overflow connection: Ø22mm
Gross volume: 150 l

Materials

Pump housing: 1.4301
Impeller: 1.4301
Shaft: 1.4301
Shaft seal: BQ1E3GG
Gasket material: EPDM
Pipework material: Brass, CW617N

Information for order placements

Weight approx.: 69 kg
Item number: 29993813



Dimensions		mm	
DNd	Rp 1, PN	L	800
DNs	Rp ½, PN	LS	262
H	990	P	800
H1	565		
HS	196		

Contact
E-mail
Phone

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Dimensions

Single-pump system

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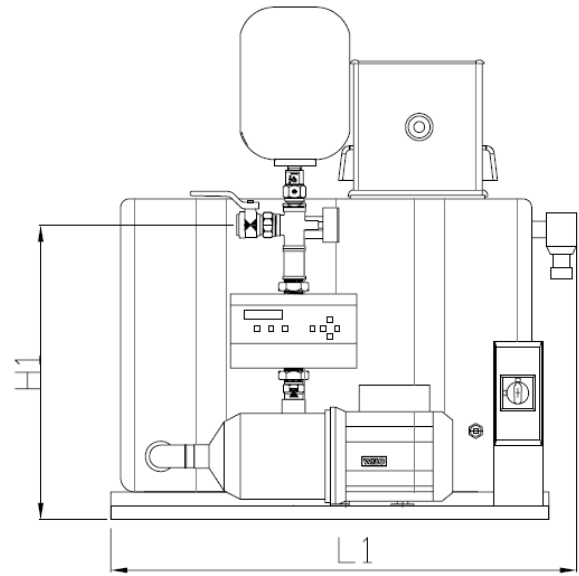
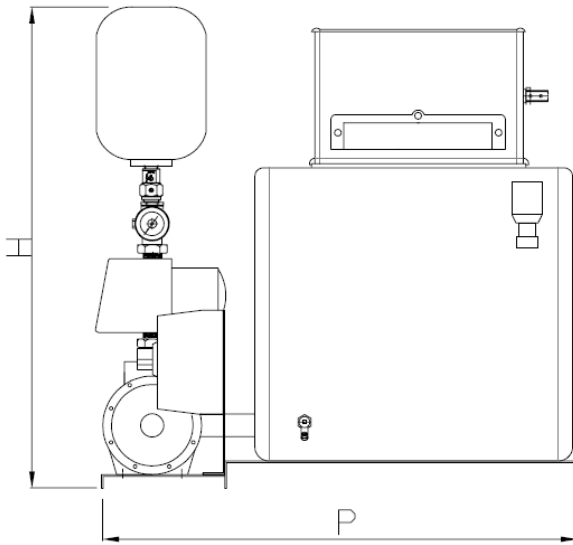
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Standard

Suction side Rp 1/2, PN 6/PN 10
Discharge side Rp 1, PN 6/PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
DNd	Rp 1, PN 10	P	800				
DNs	Rp 1/2, PN 6						
H	990						
H1	565						
HS	196						
L	800						
LS	262						