

Technical data

Single-pump system

ISAR MODH1-202/EC-EM-T90

Project ID

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

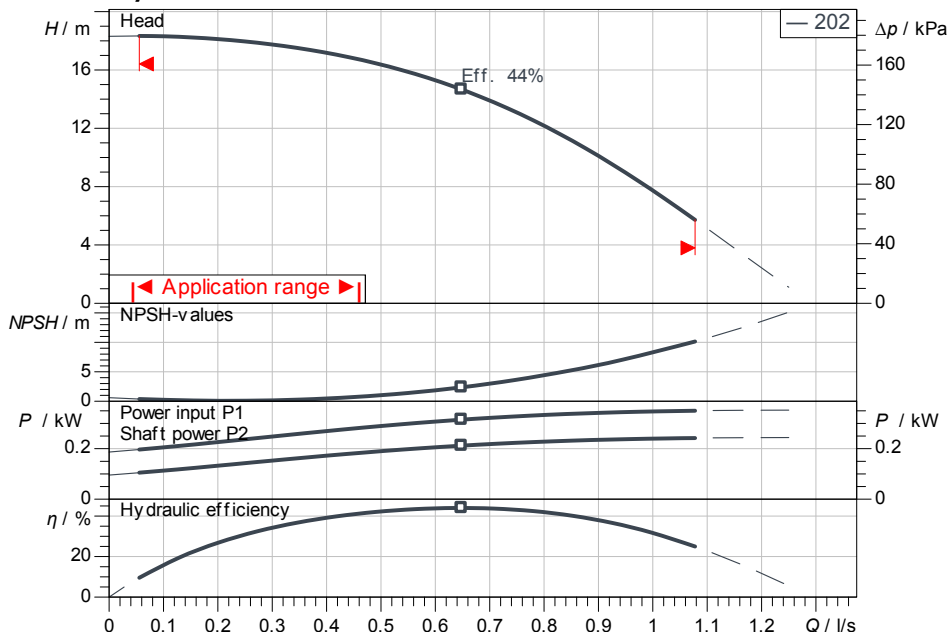
Project name

Installation location

Customer pos. No.

Date 2025-03-03

Duty chart



Requested data

Flow
Head
Media
Fluid temperature
Density
Kin. viscosity

Water 100 %
20.00 °C
998.30 kg/m³
1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2

Product data

Single-pump system
ISAR MODH1-202/EC-EM-T90
Control
No. of pumps
Max. operating pressure
Inlet pressure max.
Fluid temperature
Max. ambient temperature
Diaphragm pressure vessel
Low-water cut-out switchgear

With frequency converter
1
1,000 kPa
6 bar
3 °C ... +60 °C
40 °C
Yes
Yes

Control

Mains connection
Protection class of switchgear

1~230 V
50 Hz
IP55

Motordata per Motor/Pump

Motor efficiency level
Rated power P2
Rated current
Efficiency
50% / 75% / 100%
Protection class motor
Insulation class
Motor protection

IE2
0.37 kW
1.10 A
65.1/70.4/69.5%
IP55
F
Yes

Fitting dimensions

Pipe connection on the suction side
Pipe connection (pressure side)
Overflow connection
Gross volume

Rp ½, PN 6
Rp 1, PN 10
Ø 50
90 l

Materials

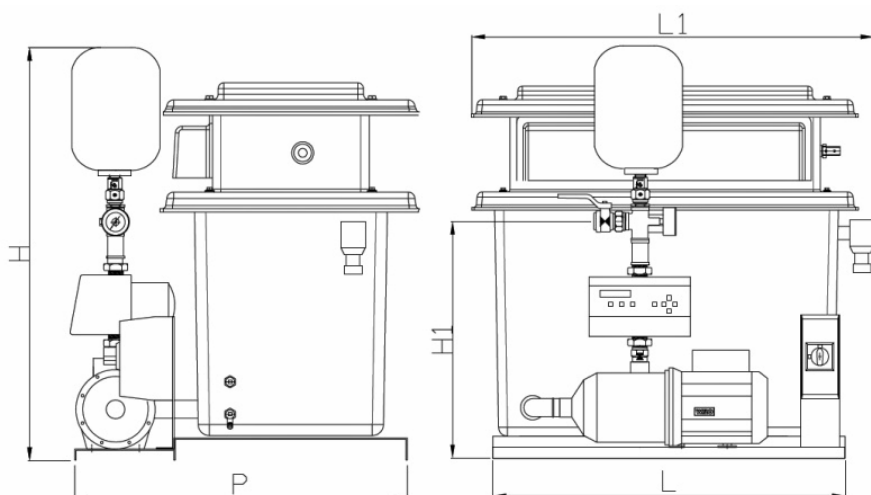
Pump housing
Impeller
Shaft
Shaft seal
Gasket material
Pipework material

1.4301
1.4301
BQ1E3GG
EPDM
Brass, CW617N

Information for order placements

Weight approx.
Item number

74 kg
29993779



Dimensions

mm

DNd	Rp 1, PN	L	800
DNs	Rp ½, PN	LS	262
H	990	P	760
H1	565		
HS	196		



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

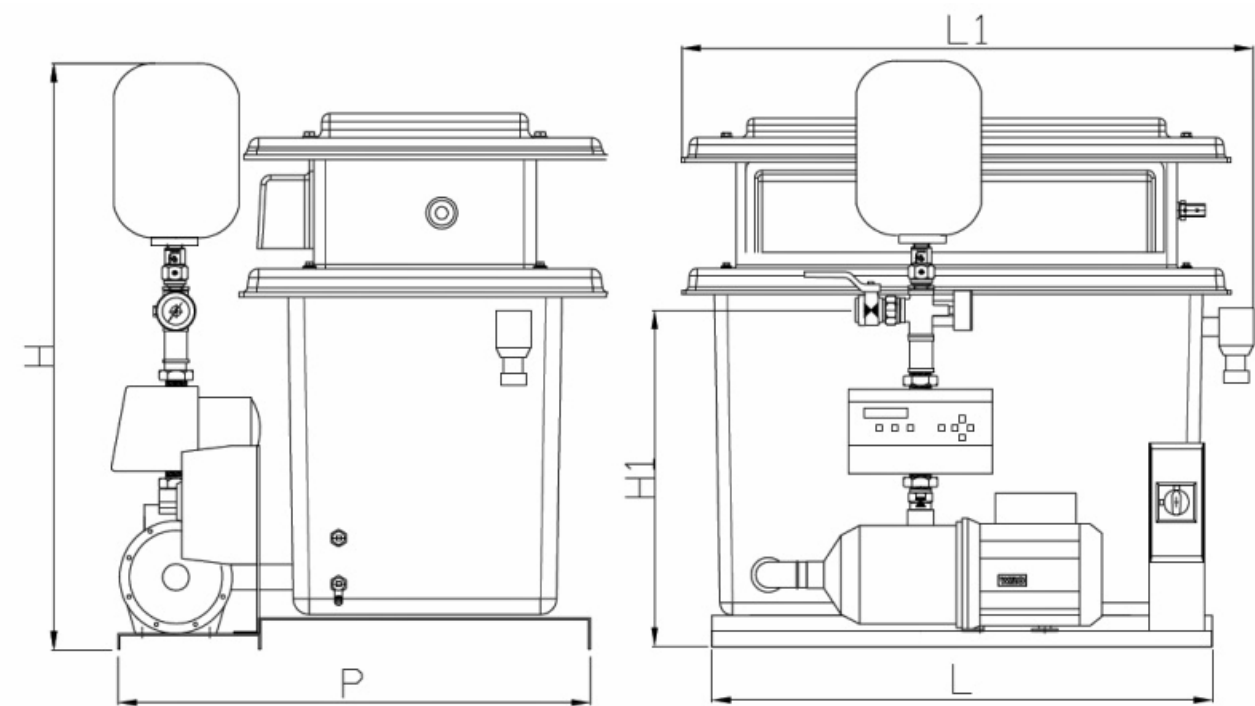
Dimensions

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Standard

Suction side Rp ½, 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	760				
DNs	Rp ½, PN 6						
H	990						
H1	565						
HS	196						
L	800						
LS	262						