

Technical data

Single-pump system

COR 1MHIE205-EM-T260

Project ID

Untitled project 2025-03-02 21:24:14.471

Project name

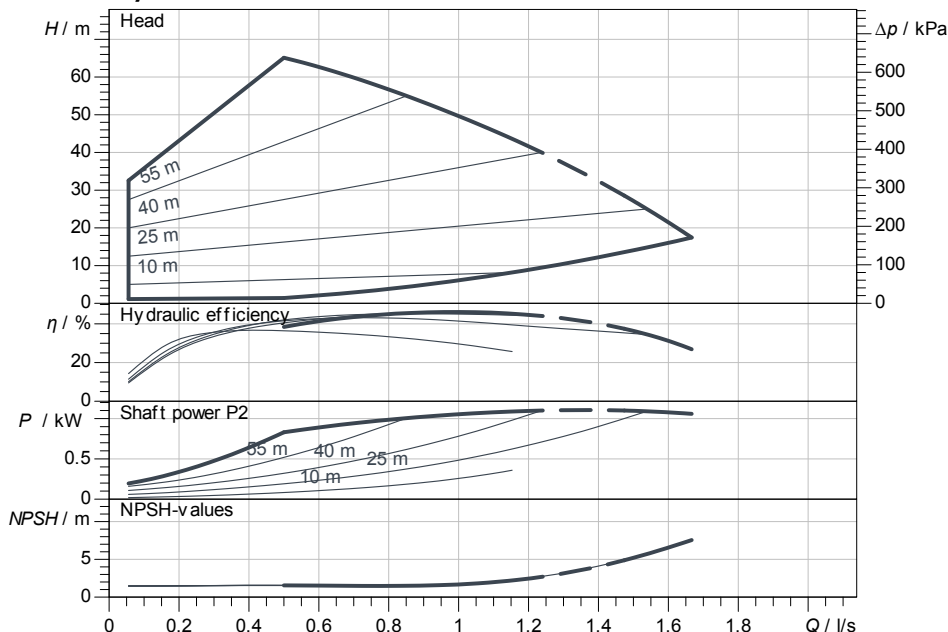
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Installation location

Customer pos. No.

Date 2025-03-02

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

Single-pump system	
COR 1MHIE205-EM-T260	
Control	With frequency converter
No. of pumps	1
Max. operating pressure	1,000 kPa
Inlet pressure max.	6 bar
Fluid temperature	3 °C ... +50 °C
Max. ambient temperature	40 °C
Protection class motor	IP54
Protection class of switchgear	IP54
Diaphragm pressure vessel	Yes
Low-water cut-out switchgear	Yes

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	400/50: +/- 10%, 380/6
Rated speed	3,500 1/min
Rated power P2	1.10 kW
Rated current	3.30 A
Power factor	
Efficiency	
50% / 75% / 100%	76.5/77/84%
Degree of protection	IP54
Insulation class	F
Motor protection	Yes

Fitting dimensions

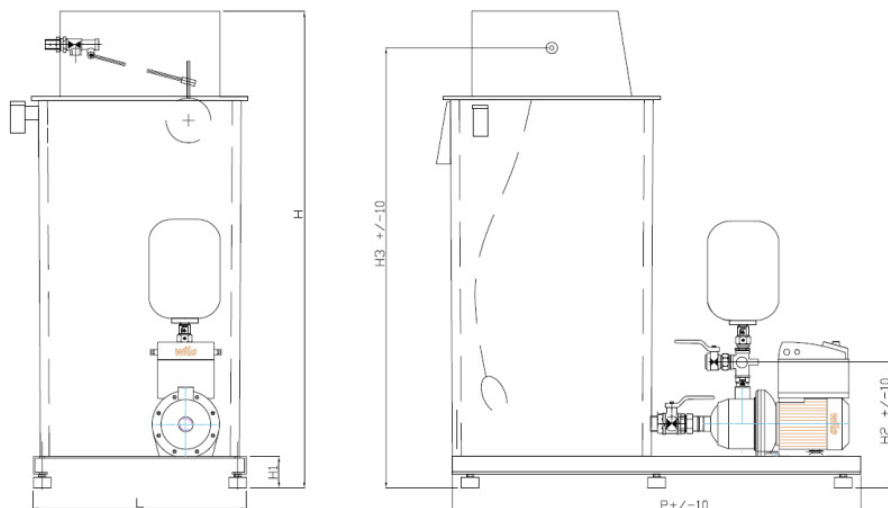
Pipe connection on the suction side	Rp ¾, PN 6
Pipe connection (pressure side)	Rp 1, PN 10
Overflow connection	Ø 50
Gross volume	260 l

Materials

Tank	PUR-GFRP
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.	83 kg
Item number	2819787



Dimensions

mm

DNd	Rp 1, PN	H3	1,410
DNs	Rp ¾, PN	L	600
H	1,540	P	1,450
H1	90		
H2	290		