

Dimensions

Glanded monobloc pump

BM-B 40/210-1,1/4

Project ID

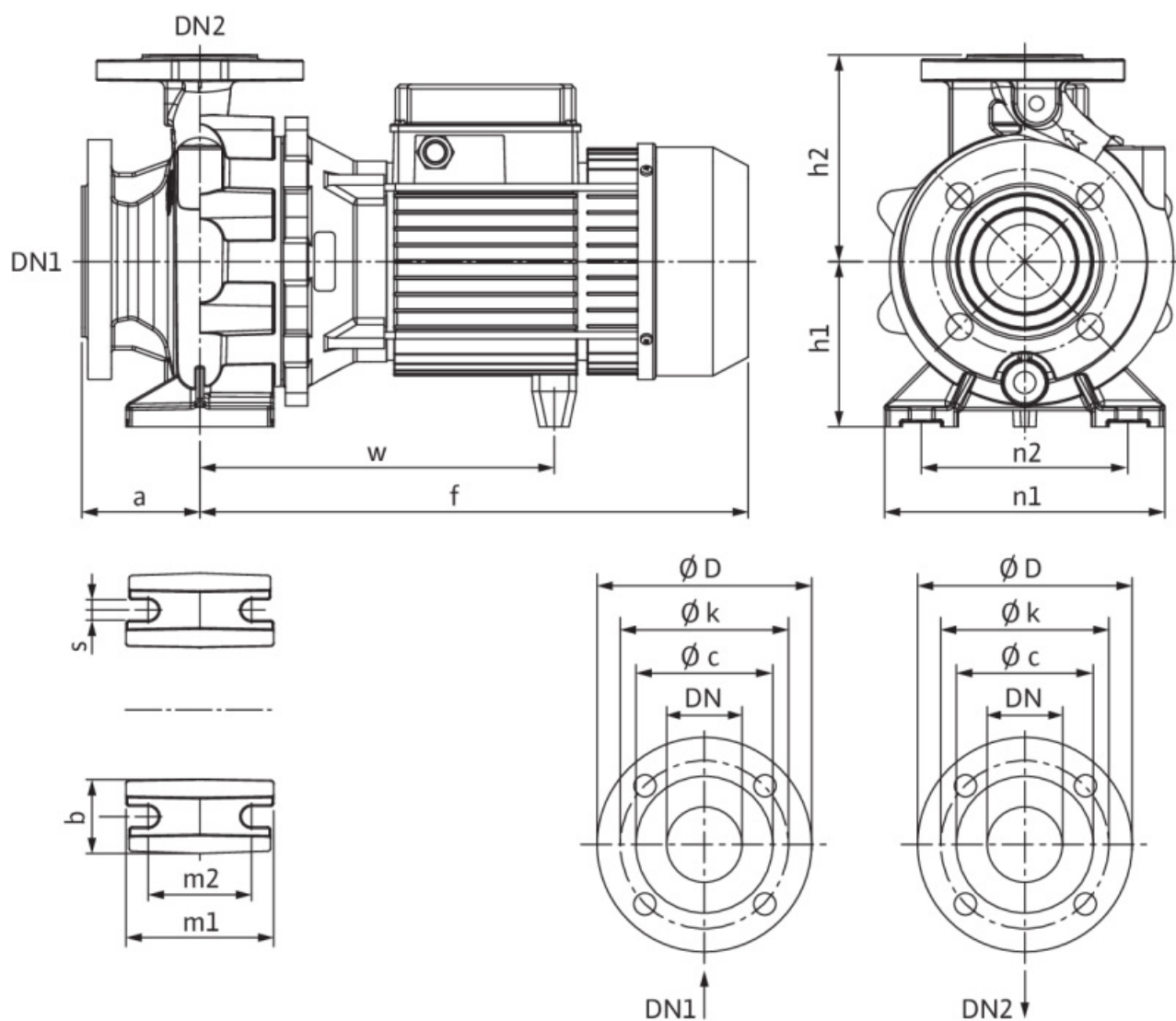
Untitled project 2025-03-01 21:27:50.947

Project name

Installation location

Customer pos. No.

Date 2025-03-01



Standard

Suction side DN 65, PN 10

Suction side	DN 65, PN 10
Discharge side	DN 40, PN 10

Dimensions

mm

Dimensions		mm		mm		mm	
Name	Value	Name	Value	Name	Value	Name	Value
a	100	h2	180	Ø d	118		
b	50	m1	100	Ø D	185		
dL	19	m2	70	Ø D	150		
DN1	DN 65, PN 10	n1	265	s	14		
DN2	DN 40, PN 10	n2	212	w	273		
f	372	Ø k	145				
h1	160	Ø k	110				

Technical data

Glanded monobloc pump

BM-B 40/210-1,1/4

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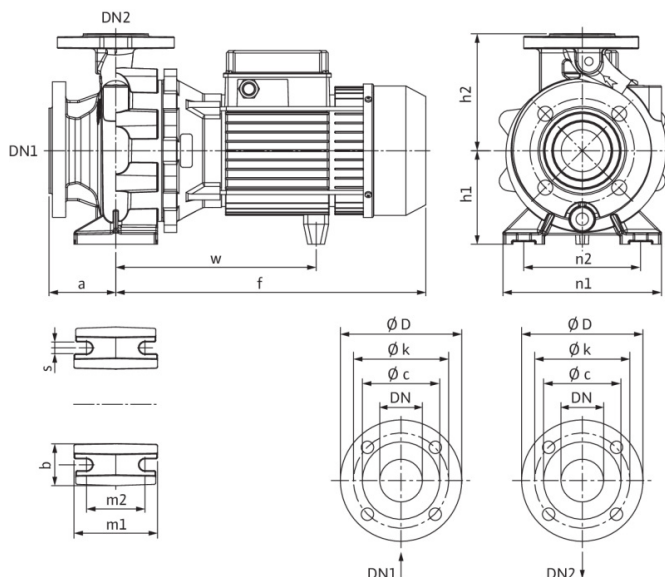
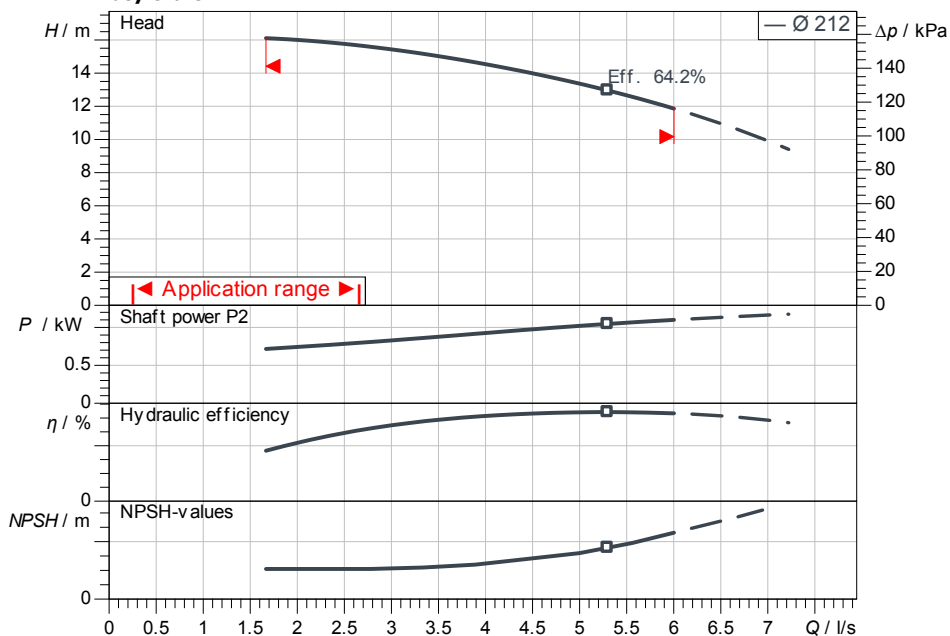
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Duty chart



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	
Hydraulic efficiency	
NPSH	

Product data

Glanded monobloc pump	
BM-B 40/210-1,1/4	
Max. operating pressure	1,000 kPa
Fluid temperature	-10 °C ... +90 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	≥ 0.4

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/- 10 %
Rated speed	1,450 1/min
Rated power P2	1.10 kW
Rated current	2.54 A
Power factor	0.8
Efficiency	
50% / 75% / 100%	85.9/ 86.2/ 85.4%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

Pipe connection on the suction side	DN 65, PN 10
Pipe connection (pressure side)	DN 40, PN 10
Port to Port	-

Materials

Pump housing	Bronze, G-CuSn10
Impeller	Bronze, G-CuSn10
Shaft	1.4362
Shaft seal	Q1Q1VGG

Information for order placements

Weight approx.	50 kg
Item number	2103215

Hydraulic data

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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1450 1/min	50 Hz	Q =	H =	DN 65	DN 40

