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Customer

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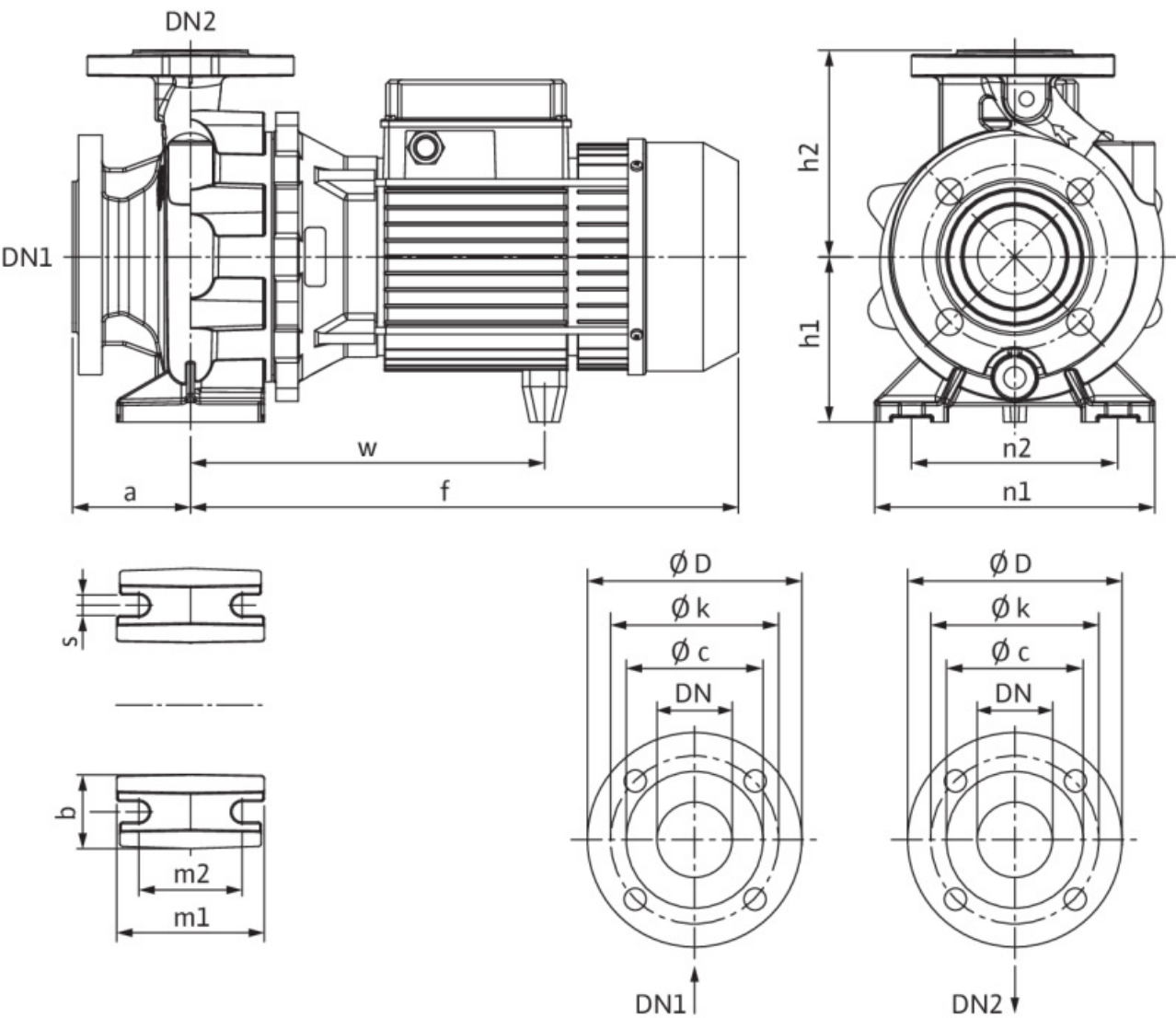
Dimensions

Glanded monobloc pump
BM-S 50/215-3/4

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
Discharge side DN 50, PN 10

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	100	h2	200	Ø D	185		
b	50	m1	100	Ø D	165		
dL	18	m2	70	s	14		
DN1	DN 65, PN 10	n1	265	w	319		
DN2	DN 50, PN 10	n2	212				
f	461	Ø k	145				
h1	160	Ø k	125				

Technical data

Glanded monobloc pump

BM-S 50/215-3/4

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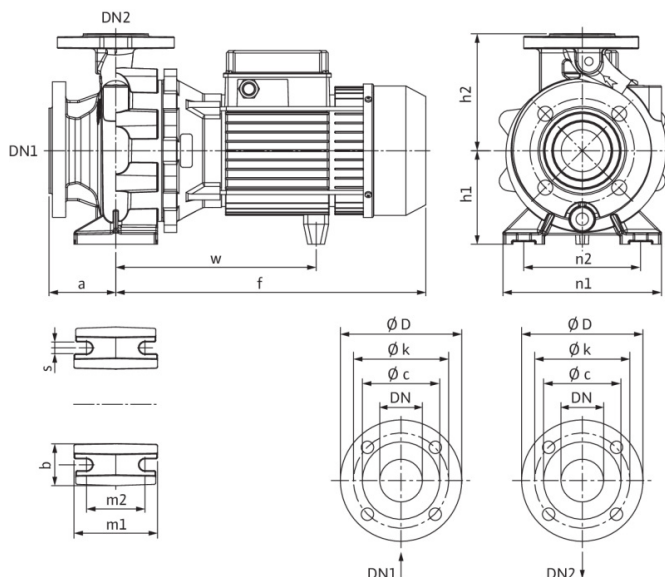
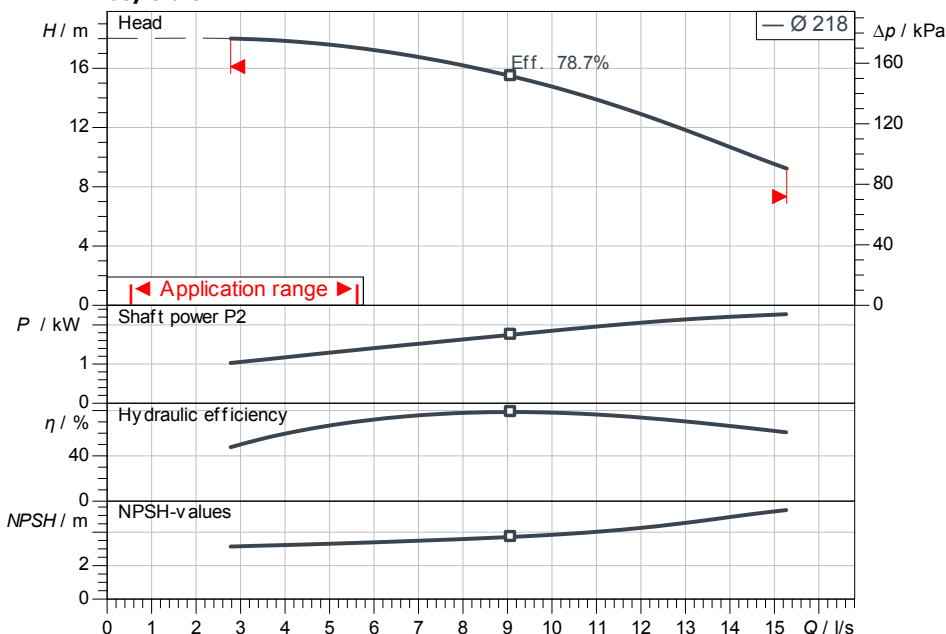
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Duty chart



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
Hydraulic efficiency
NPSH

Product data

Glanded monobloc pump
BM-S 50/215-3/4
Max. operating pressure
Fluid temperature
Max. ambient temperature
Minimum efficiency index (MEI)
1,000 kPa
-10 °C ... +90 °C
40 °C
≥ 0.4

Motordata per Motor/Pump

Motor efficiency level
Mains connection
Permitted voltage tolerance
Rated speed
Rated power P2
Rated current
Power factor
Efficiency
50% / 75% / 100%
Degree of protection
Insulation class
Motor protection
IE3
3~400 V / 50 Hz
+10 %
1,450 1/min
3.00 kW
6.47 A
0.8
89.4/89.9/89.2%
IP55
F
No

Fitting dimensions

Pipe connection on the suction side
Pipe connection (pressure side)
Port to Port
DN 65, PN 10
DN 50, PN 10
-

Materials

Pump housing
Impeller
Shaft
Shaft seal
1.4408
1.4408
1.4362
Q1Q1VGG

Information for order placements

Weight approx.
Item number
60 kg
2103357

Hydraulic data

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BM-S 50/215-3/4

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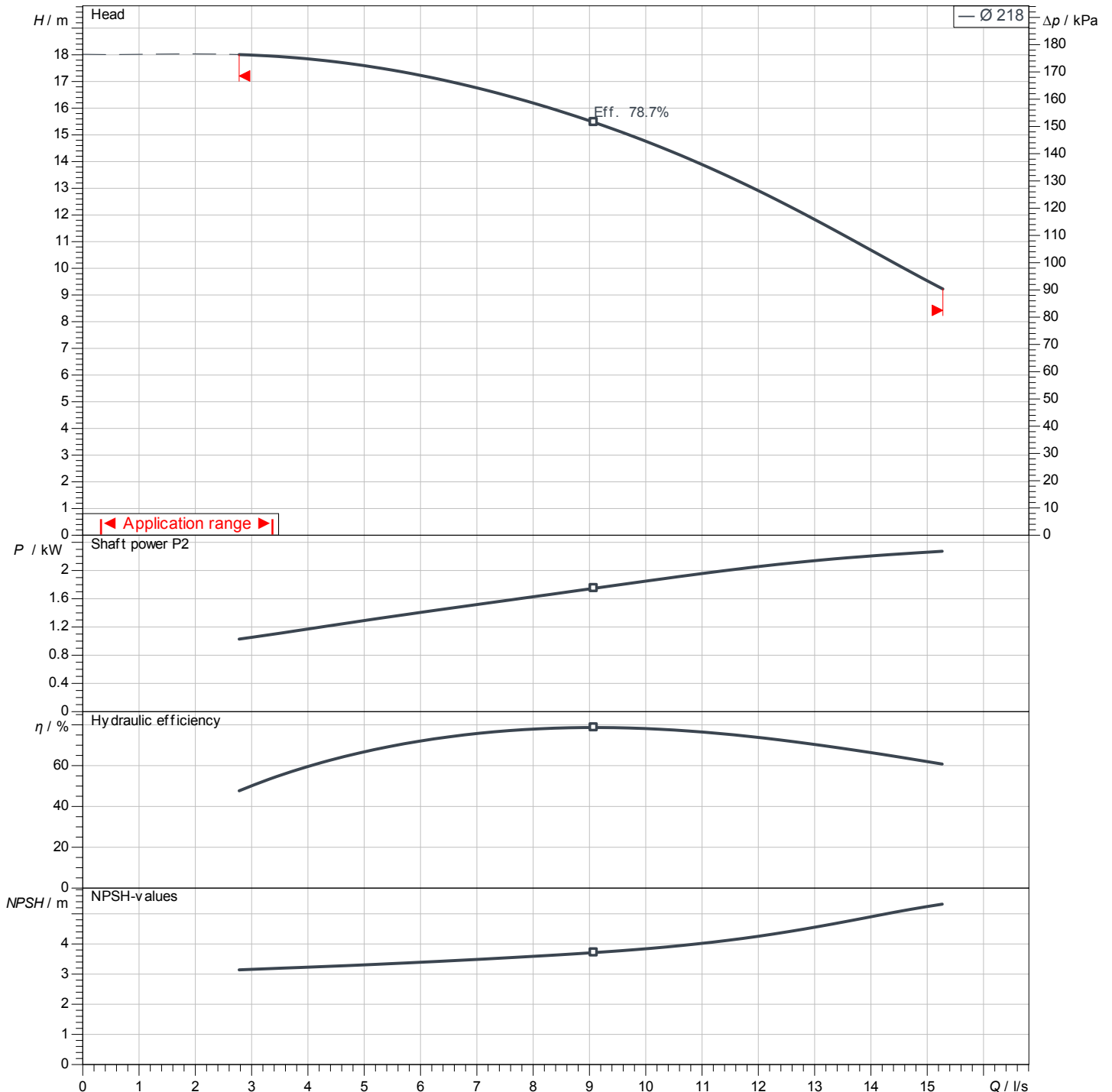
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Operating data

Rotational speed 1450 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 65	Discharge port DN 50
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Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control



No test norm defined for this product