

**Customer**

## Dimensions

Glanded monobloc pump  
BM-S 50/260-4/4

Project ID

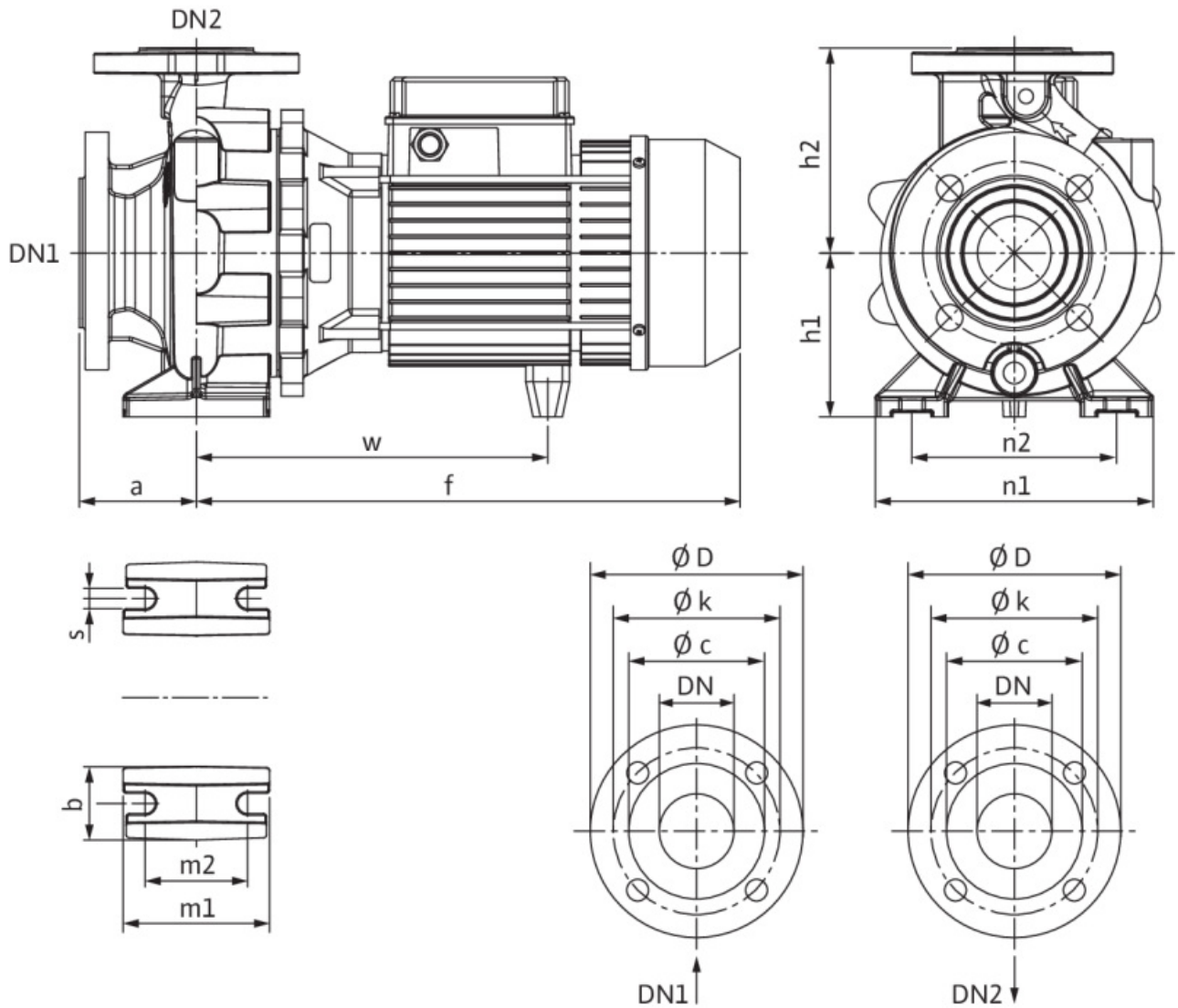
Untitled project 2025-03-17 01:38:16.703

Project name

Installation location

Customer pos. No.

Date 2025-03-17



**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	225	ØD	185		
b	65	m1	125	ØD	165		
dL	18	m2	95	s	14		
DN1	DN 65, PN 10	n1	320	w	304		
DN2	DN 50, PN 10	n2	250				
f	449	Ø k	145				
h1	180	Ø k	125				

**Customer**

# Technical data

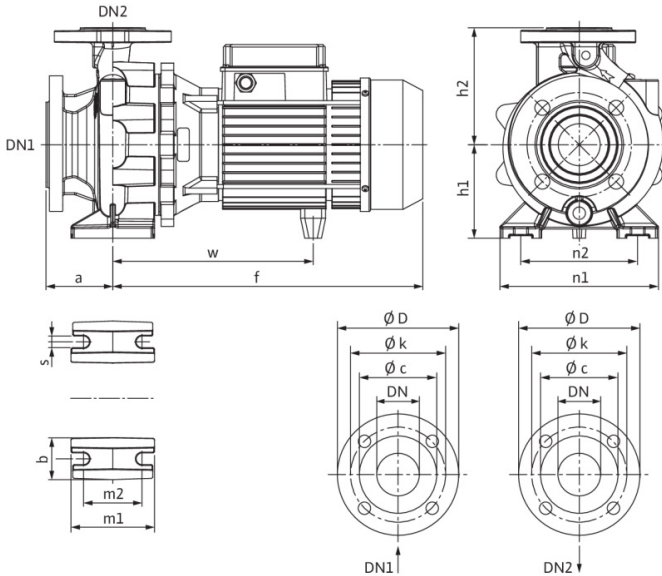
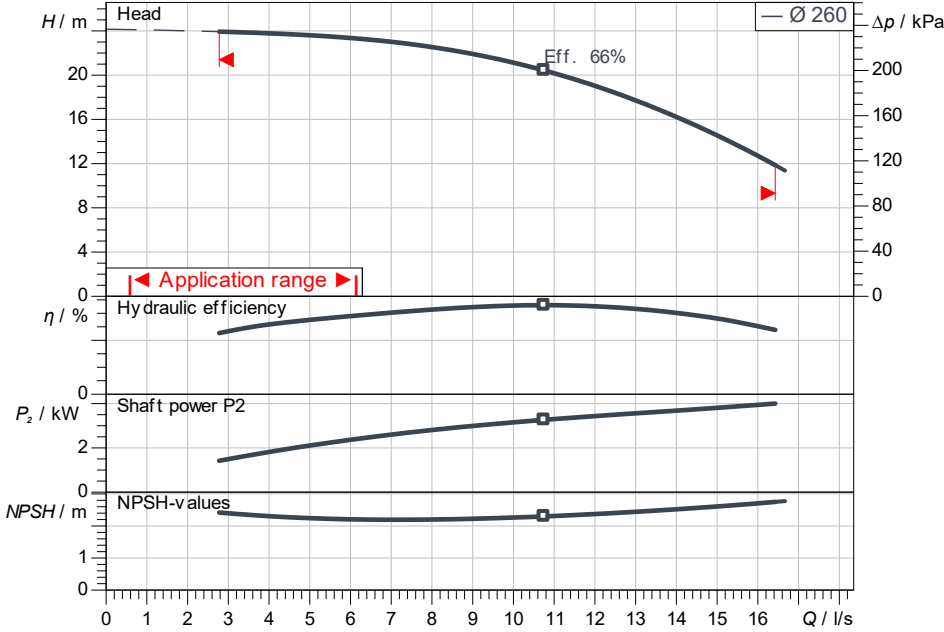
## Glanded monobloc pump BM-S 50/260-4/4

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Date                      2025-03-17

### Duty chart



### Requested data

Flow  
Head  
Media                      Water 100 %  
Fluid temperature                      20.00 °C  
Density                      998.30 kg/m<sup>3</sup>  
Kin. viscosity                      1.00 mm<sup>2</sup>/s

### Hydraulic data (Duty point)

Flow  
Head  
Shaft power P<sub>2</sub>  
Hydraulic efficiency  
NPSH

### Product data

Glanded monobloc pump  
BM-S 50/260-4/4  
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 P<sub>2</sub>                      4.00 kW  
Rated current                      8.73 A  
Power factor                      0.74  
Efficiency                      50% / 75% / 100%                      88.8 / 89.3 / 88.6 %  
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 50, PN 10  
Port to Port                      -

### Materials

Pump housing                      1.4408  
Impeller                      1.4408  
Shaft                      1.4362  
Shaft seal                      Q1Q1VGG

### Information for order placements

Weight approx.                      77 kg  
Item number                      2103359



Contact  
E-mail  
Phone

**Customer**

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## Hydraulic data

Glanded monobloc pump  
BM-S 50/260-4/4

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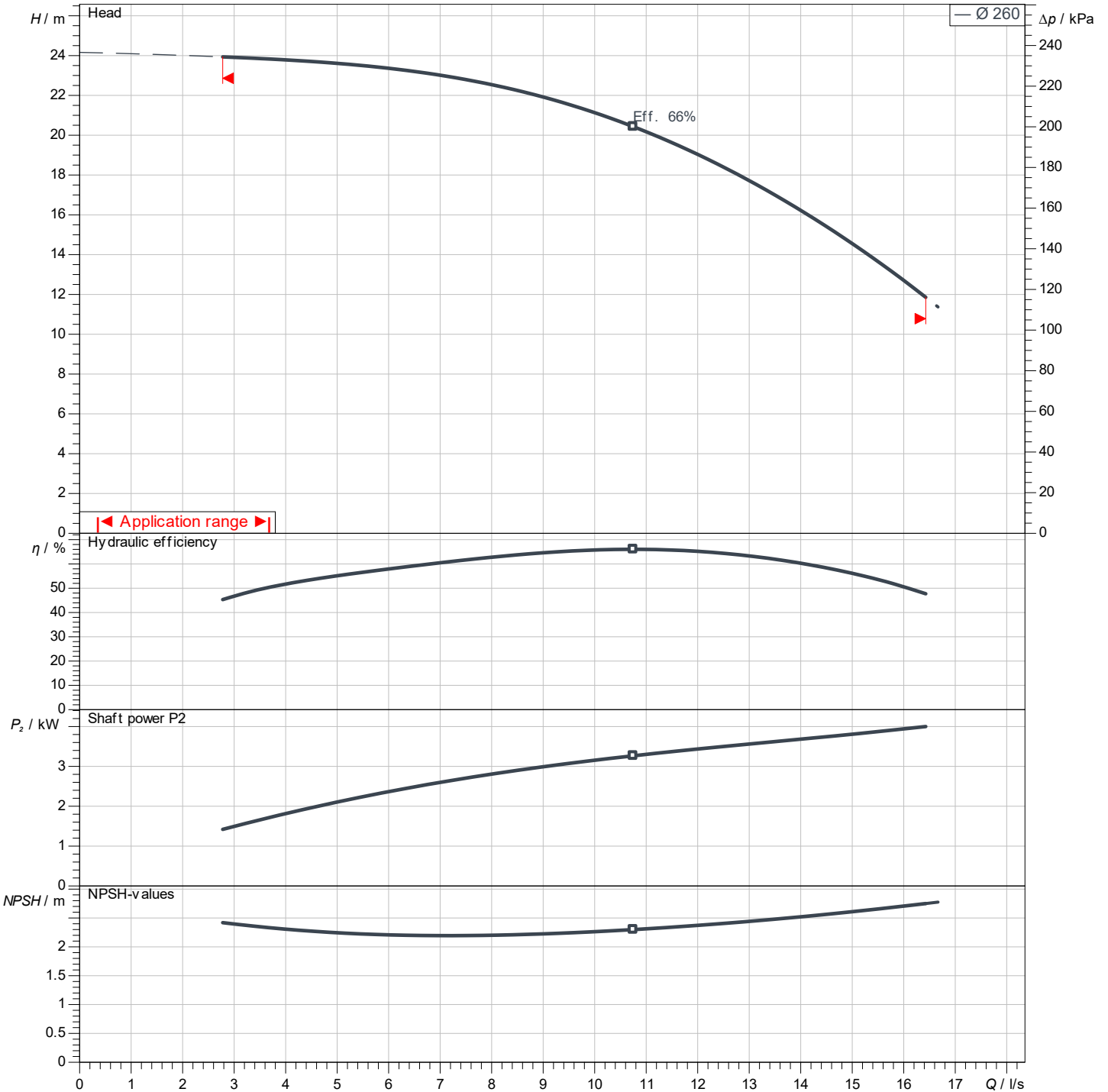
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## Operating data

Rotational speed <b>1450 1/min</b>	Frequency <b>50 Hz</b>	Duty point <b>Q =</b>	<b>H =</b>	Suction port <b>DN 65</b>	Discharge port <b>DN 50</b>
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Power data referred to:                      Water; 20°C; 998.3kg/m<sup>3</sup>; 1.005mm<sup>2</sup>/s                      ±10 % tolerance with linear U/f frequency control



No test norm defined for this product