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**Customer**

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## Dimensions

Glanded monobloc pump  
BM-S 65/220-22/2

Project ID

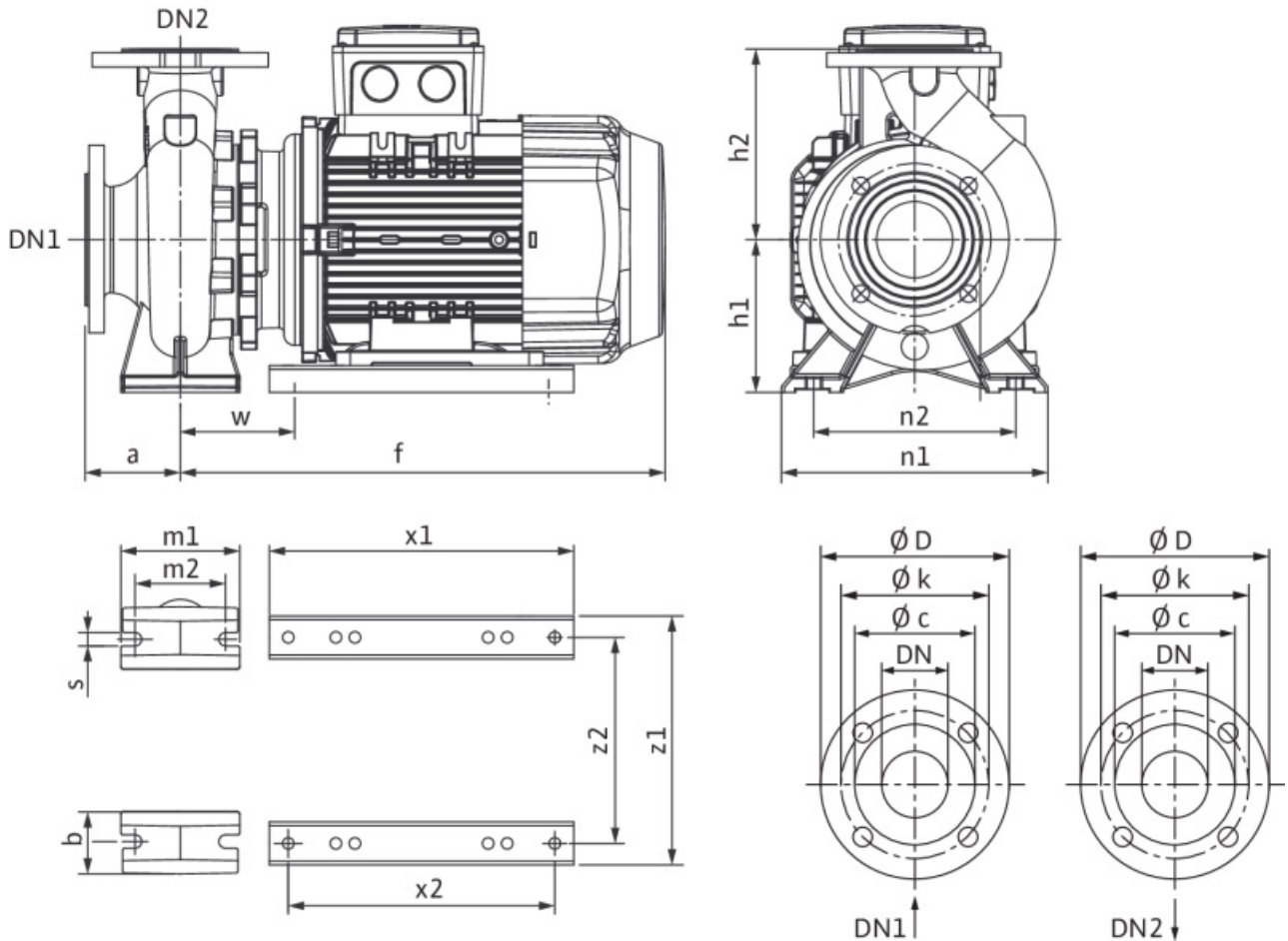
Untitled project 2025-03-17 01:38:16.703

Project name

Installation location

Customer pos. No.

Date 2025-03-17



**Standard**

Suction side DN 80, PN 10  
Discharge side DN 65, PN 10

**Dimensions** mm

Name	Value	Name	Value	Name	Value	Name	Value
a	100	h1	200	Ø k	145	z1	319
b	80	h2	250	ØD	200	z2	254
d	14	m1	160	ØD	185		
dL	18	m2	120	s	18		
DN1	DN 80, PN 10	n1	360	w	187		
DN2	DN 65, PN 10	n2	280	x1	410		
f	679	Ø k	160	x2	370		

**Customer**

## Technical data

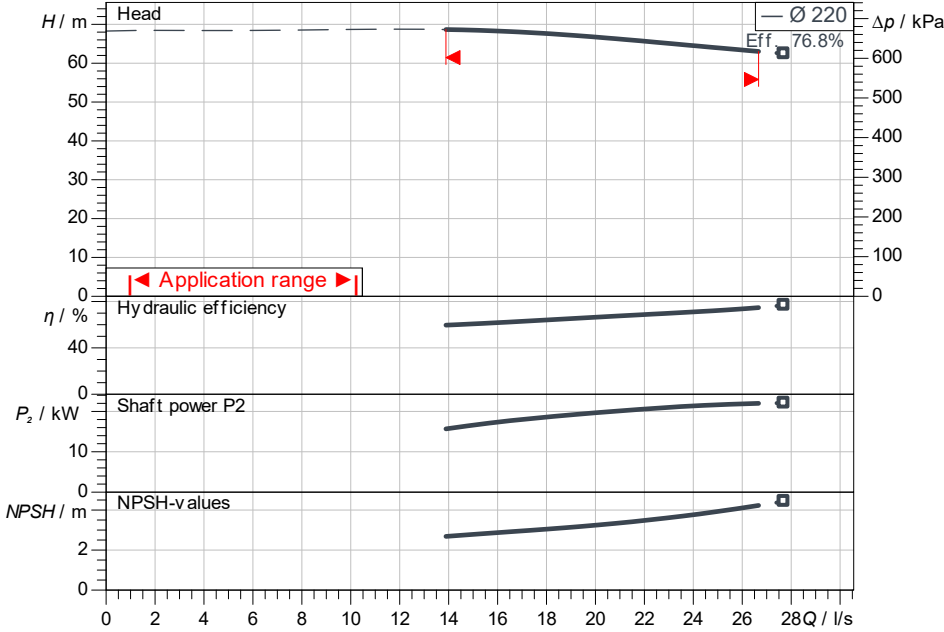
### Glanded monobloc pump BM-S 65/220-22/2

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

Project name  
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#### 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 65/220-22/2  
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: 2,900 1/min  
Rated power P<sub>2</sub>: 22.00 kW  
Rated current: 39.20 A  
Power factor: 0.88  
Efficiency: 50% / 75% / 100% → 92.5 / 92.9 / 92.7 %  
Degree of protection: IP55  
Insulation class: F  
Motor protection: No

#### Fitting dimensions

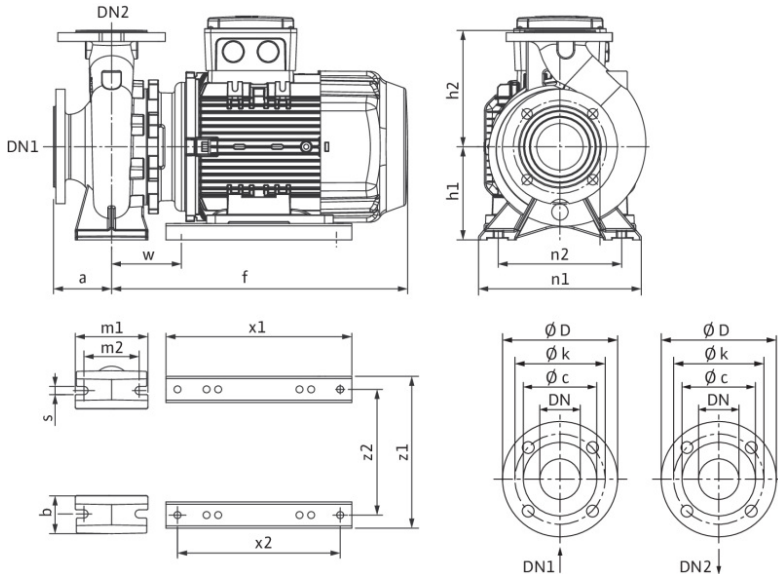
Pipe connection on the suction side: DN 80, PN 10  
Pipe connection (pressure side): DN 65, PN 10  
Port to Port: -

#### Materials

Pump housing: 1.4408  
Impeller: 1.4408  
Shaft: 1.4362  
Shaft seal: Q1Q1VGG

#### Information for order placements

Weight approx.: 149 kg  
Item number: 2103461





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# Hydraulic data

Glanded monobloc pump  
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## Operating data

Rotational speed <b>2900 1/min</b>	Frequency <b>50 Hz</b>	Duty point <b>Q =</b>	<b>H =</b>	Suction port <b>DN 80</b>	Discharge port <b>DN 65</b>
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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

