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**Customer**

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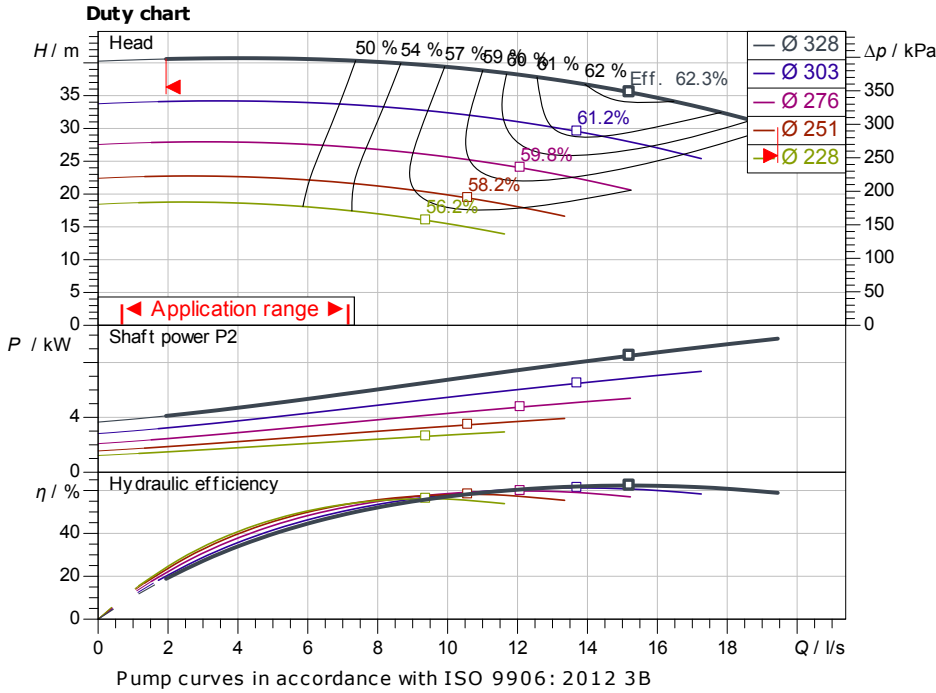
## Technical data

Glanded standard pump  
Atmos GIGA-N 50/315-11/4

Project ID                      Untitled project 2025-03-03 06:26:03.775

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-03



**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  $P_2$   
Hydraulic efficiency  
NPSH  
Impeller size             328

**Product data**

Glanded standard pump  
Atmos GIGA-N 50/315-11/4  
Max. operating pressure   1,600 kPa  
Fluid temperature       -20 °C ... +140 °C  
Max. ambient temperature   40 °C  
Minimum efficiency index (MEI)  $\geq 0.4$

**Motordata per Motor/Pump**

Motor efficiency level       IE3  
Mains connection           3~ 400 V / 50 Hz  
Permitted voltage tolerance   +10 %  
Max. speed                 1,470 1/min  
Rated power  $P_2$              11.00 kW  
Rated current                20.90 A  
Power factor                 0.77  
Efficiency  
50% / 75% / 100%         91.1/91.8/91.6%  
Degree of protection       IP55  
Insulation class             F  
Motor protection            PTC integrated

**Fitting dimensions**

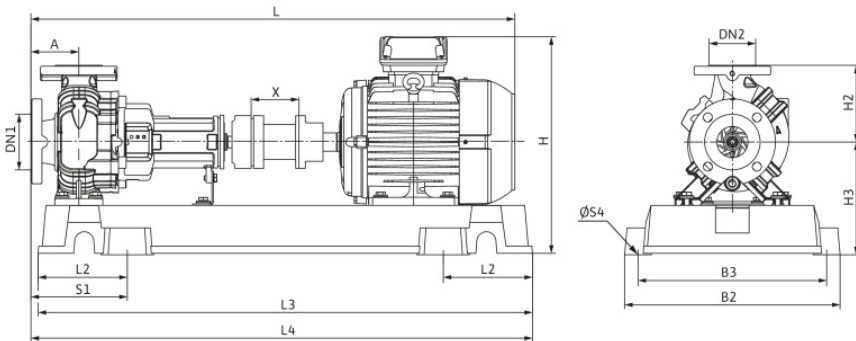
Pipe connection on the suction side   DN 65, PN 16  
Pipe connection (pressure side)   DN 50, PN 16  
Port to Port

**Materials**

Pump housing                5.1301/EN-GJL-250  
  
Impeller                     EN-GJL-200  
Lantern                     5.1301/EN-GJL-250  
Shaft                        1.4021  
Shaft seal                  AQ1EGG

**Information for order placements**

Weight approx.             362 kg  
Item number                 6086472



**Dimensions**

mm

A	125	H	592	L3	1,290
B2	540	H2	280	L4	1,320
B3	490	H3	328	S1	255
DN1	DN 65, P	L	1,293	S4	24
DN2	DN 50, P	L2	225	X	100



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# Hydraulic data

Glanded standard pump  
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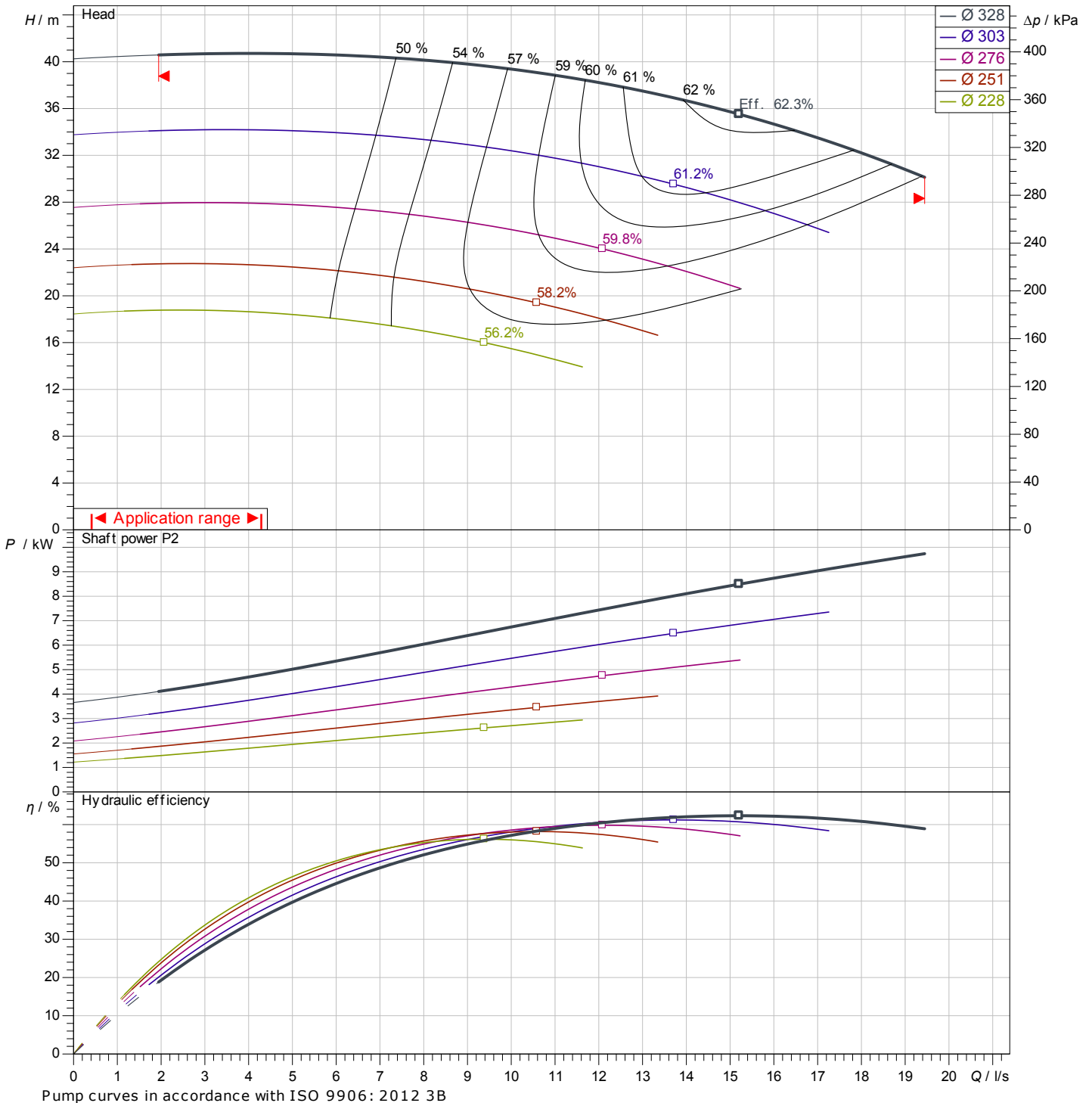
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## Operating data

Rotational speed <b>1467 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/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control



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## Dimensions

Glanded standard pump  
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**Coupling with spacer**

Suction side                      DN 65, PN 16  
Discharge side                      DN 50, PN 16

**Dimensions**                      mm

Name	Value	Name	Value	Name	Value	Name	Value
A	125	H3	328	X	100		
B2	540	L	1,293				
B3	490	L2	225				
DN1	DN 65, PN 16	L3	1,290				
DN2	DN 50, PN 16	L4	1,320				
H	592	S1	255				
H2	280	S4	24				