

**Customer**

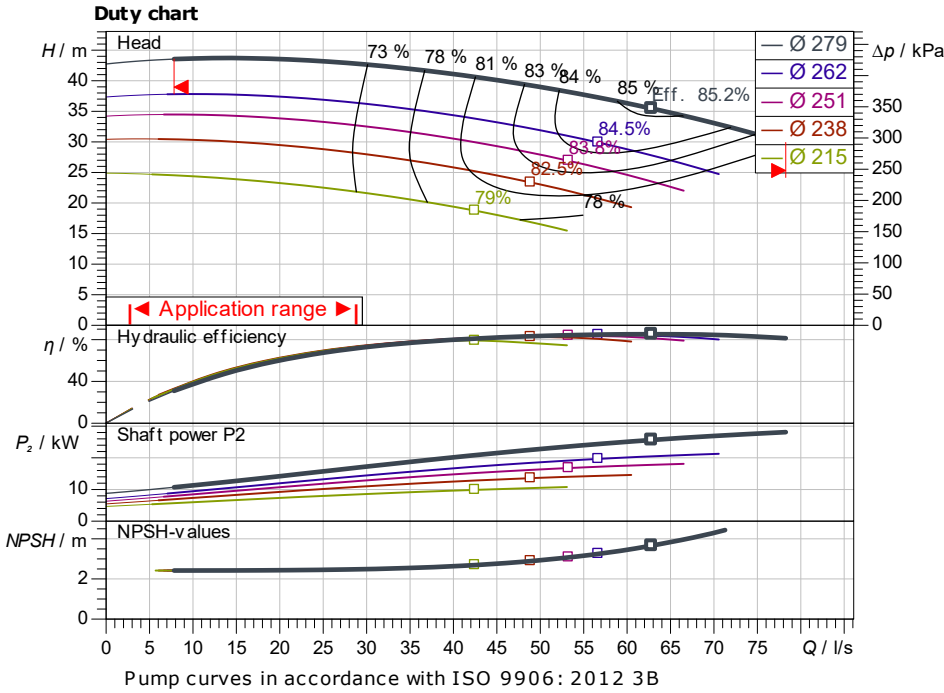
## Technical data

Glanded standard pump  
Atmos GIGA-N 100/250-30/4/6

Project ID                      Untitled project 2025-03-05 00:23:19.113

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-05



**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                      279

**Product data**

Glanded standard pump  
Atmos GIGA-N 100/250-30/4/6  
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~ 380 V / 60 Hz  
Permitted voltage tolerance   +10 %  
Max. speed                    1,780 1/min  
Rated power  $P_2$                30.00 kW  
Rated current                 57.00 A  
Power factor                  0.85  
Efficiency  
50% / 75% / 100%         92.2/93.9/94.1%  
Degree of protection        IP55  
Insulation class              F  
Motor protection             No

**Fitting dimensions**

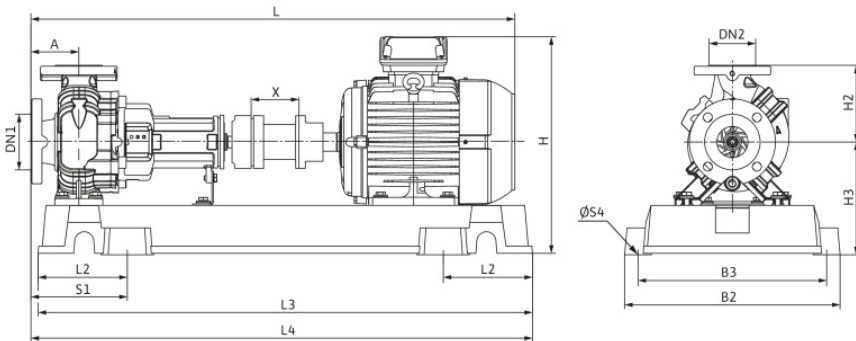
Pipe connection on the suction side DN 125, PN 16  
Pipe connection (pressure side) DN 100, PN 16  
Port to Port

**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.                 521 kg  
Item number



**Dimensions**

mm

A	140	H	645	L3	1,440
B2	610	H2	280	L4	1,470
B3	550	H3	328	S1	280
DN1	DN 125,	L	1,517	S4	29
DN2	DN 100,	L2	250	X	140

**Customer**

## Hydraulic data

Glanded standard pump  
Atmos GIGA-N 100/250-30/4/6

Project ID: Untitled project 2025-03-05 00:23:19.113

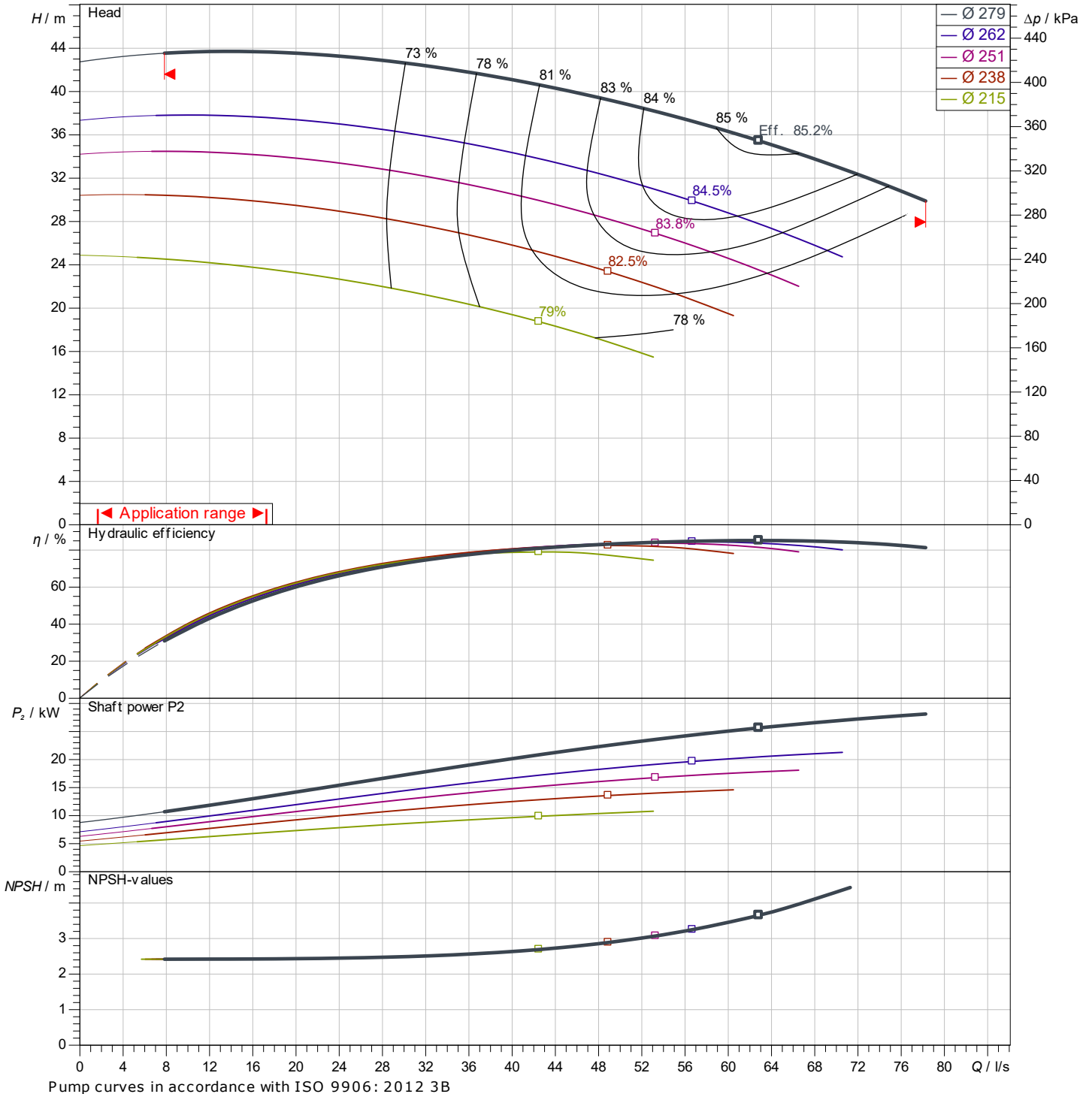
Project name  
Installation location  
Customer pos. No.

Date: 2025-03-05

### Operating data

Rotational speed <b>1750 1/min</b>	Frequency <b>60 Hz</b>	Duty point <b>Q =</b>	<b>H =</b>	Suction port <b>DN 125</b>	Discharge port <b>DN 100</b>
---------------------------------------	---------------------------	--------------------------	------------	-------------------------------	---------------------------------

Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control



Contact  
E-mail  
Phone

**Customer**

Contact  
E-mail  
Phone

## Dimensions

Glanded standard pump  
Atmos GIGA-N 100/250-30/4/6

Project ID                      Untitled project 2025-03-05 00:23:19.113

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-05



Coupling with spacer

Suction side                      DN 125, PN 16  
Discharge side                      DN 100, PN 16

**Dimensions**                      mm

Name	Value	Name	Value	Name	Value	Name	Value
A	140	H3	328	X	140		
B2	610	L	1,517				
B3	550	L2	250				
DN1	DN 125, PN 16	L3	1,440				
DN2	DN 100, PN 16	L4	1,470				
H	645	S1	280				
H2	280	S4	29				