

Customer

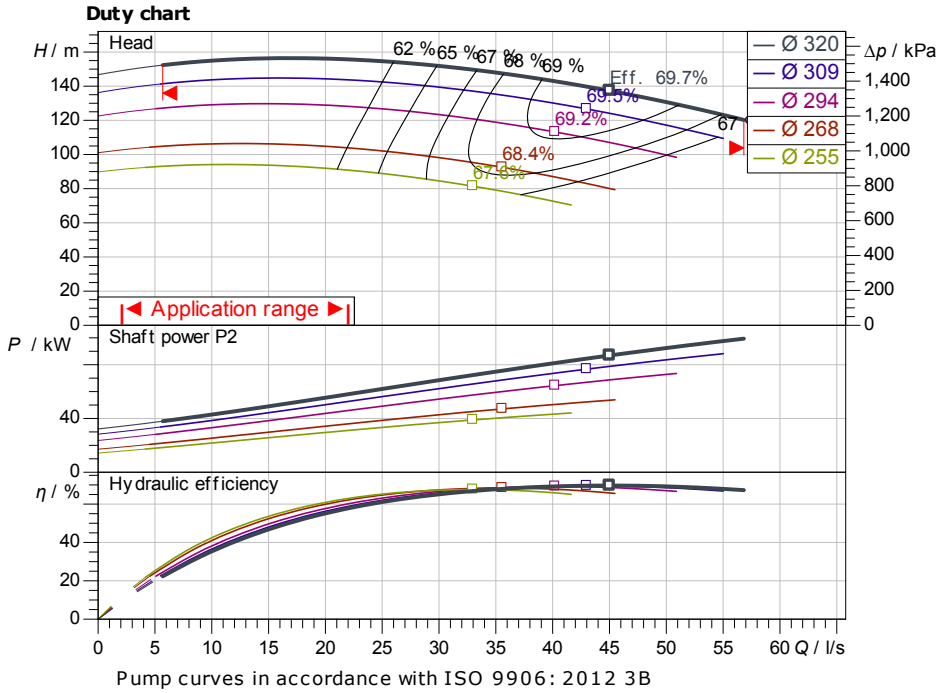
Technical data

Glanded standard pump Atmos GIGA-N 65/315-110/2-IE4

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/m³
Kin. viscosity 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH
Impeller size 320

Product data

Glanded standard pump
Atmos GIGA-N 65/315-110/2-IE4
Max. operating pressure 1,600 kPa
Fluid temperature -20 °C ... +140 °C
Max. ambient temperature 40 °C
Minimum efficiency index (MEI) ≥ 0.4

Motordata per Motor/Pump

Motor efficiency level IE4
Mains connection 3~ 400 V / 50 Hz
Permitted voltage tolerance + -10 %
Max. speed 2,980 1/min
Rated power P2 110.00 kW
Rated current 185.00 A
Power factor 0.89
Efficiency
50% / 75% / 100% 94.9/95.9/96.5%
Degree of protection IP55
Insulation class F
Motor protection PTC integrated

Fitting dimensions

Pipe connection on the suction side DN 80, PN 16
Pipe connection (pressure side) DN 65, PN 16
Port to Port

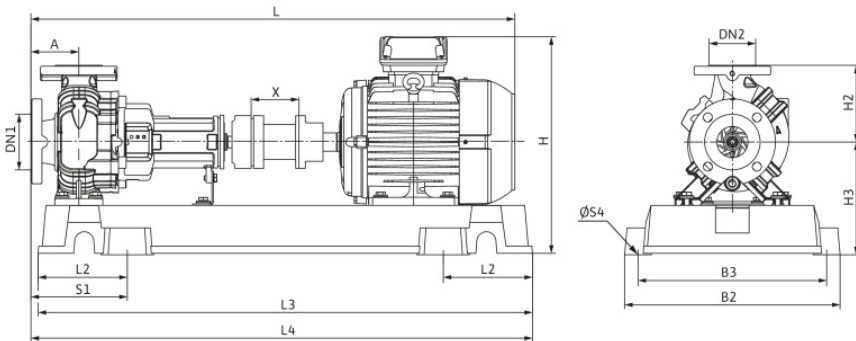
Materials

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. 1627.3 kg
Item number 6096206



Dimensions

mm

A	125	H	968	L3	2,140
B2	860	H2	280	L4	2,155
B3	790	H3	438	S1	385
DN1	DN 80, P	L	2,009	S4	29
DN2	DN 65, P	L2	370	X	140



Contact
E-mail
Phone

Customer

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Hydraulic data

Glanded standard pump
Atmos GIGA-N 65/315-110/2-IE4

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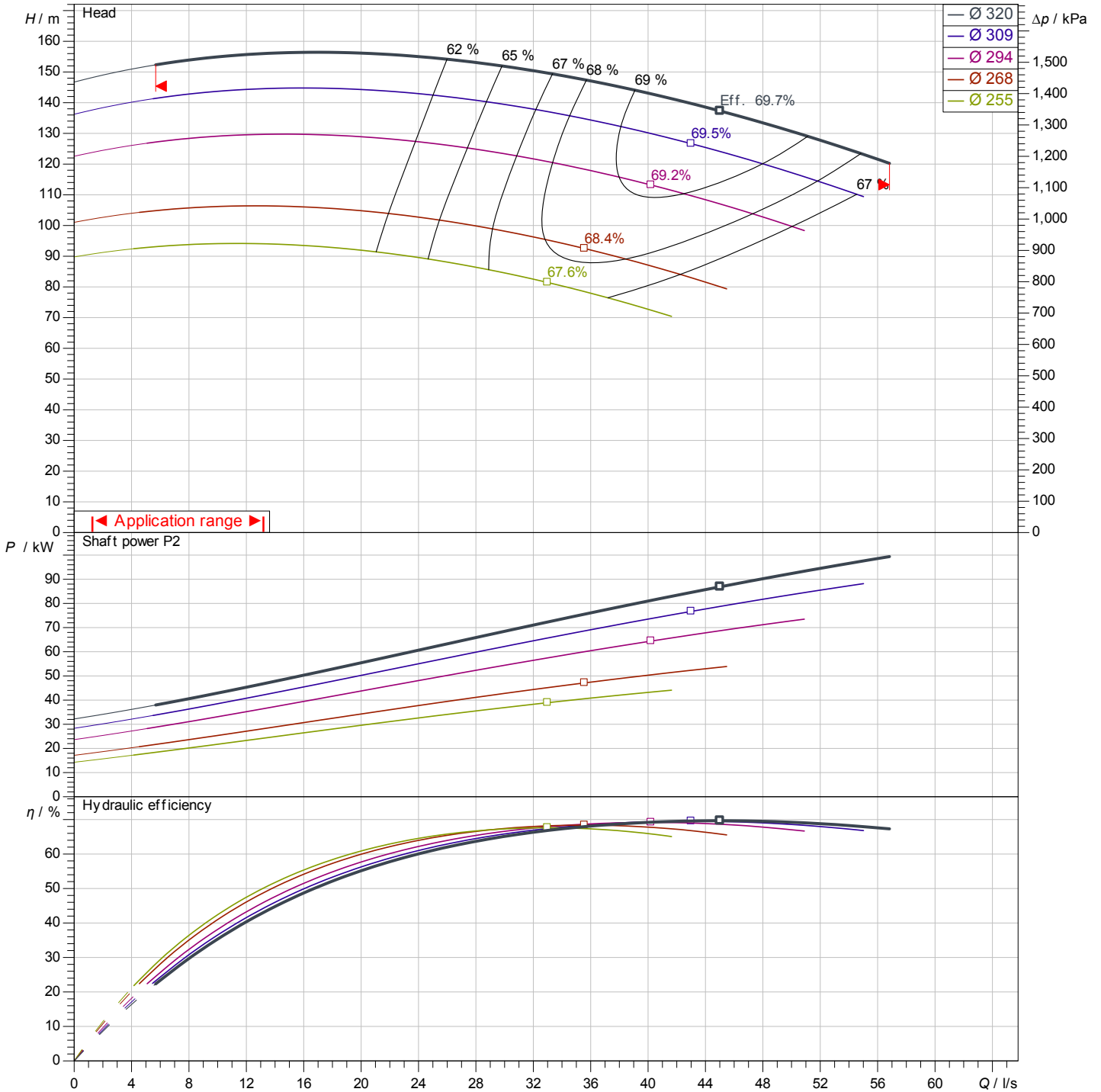
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Operating data

Rotational speed 2980 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 80	Discharge port DN 65
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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



Pump curves in accordance with ISO 9906: 2012 3B

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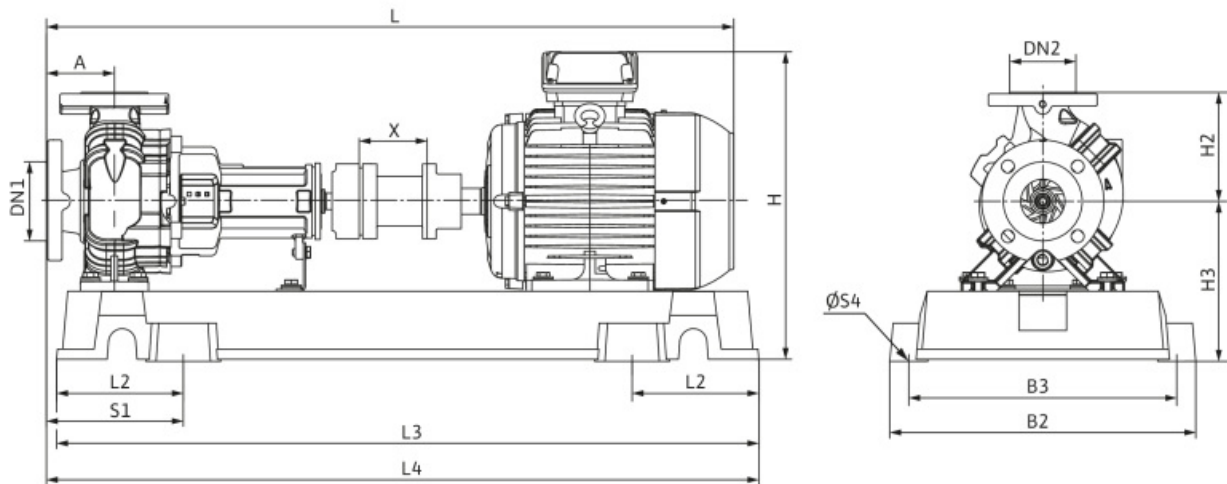
Dimensions

Glanded standard pump
Atmos GIGA-N 65/315-110/2-IE4

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Coupling with spacer

Suction side DN 80, PN 16
Discharge side DN 65, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	125	H3	438	X	140		
B2	860	L	2,009				
B3	790	L2	370				
DN1	DN 80, PN 16	L3	2,140				
DN2	DN 65, PN 16	L4	2,155				
H	968	S1	385				
H2	280	S4	29				