

Customer

Technical data

Glanded standard pump

Atmos GIGA-N 100/200-7.5/4-IE4

Project ID

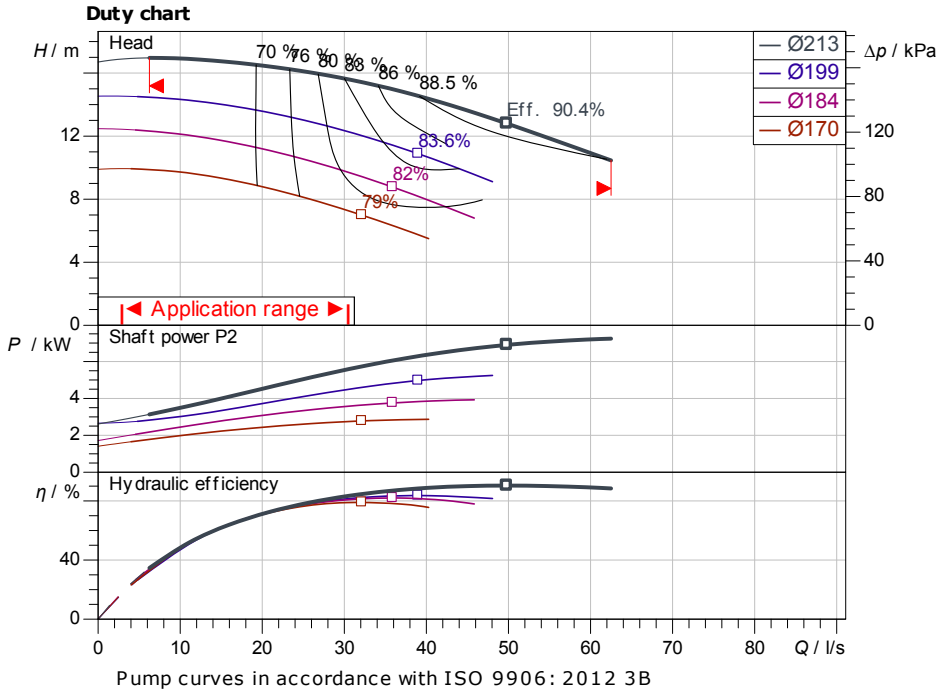
Untitled project 2025-03-03 06:26:03.775

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 P_2
Hydraulic efficiency
NPSH
Impeller size 213

Product data

Glanded standard pump
Atmos GIGA-N 100/200-7.5/4-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 1,473 1/min
Rated power P_2 7.50 kW
Rated current 14.40 A
Power factor 0.81
Efficiency 50% / 75% / 100% 91/92.3/92.6%
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

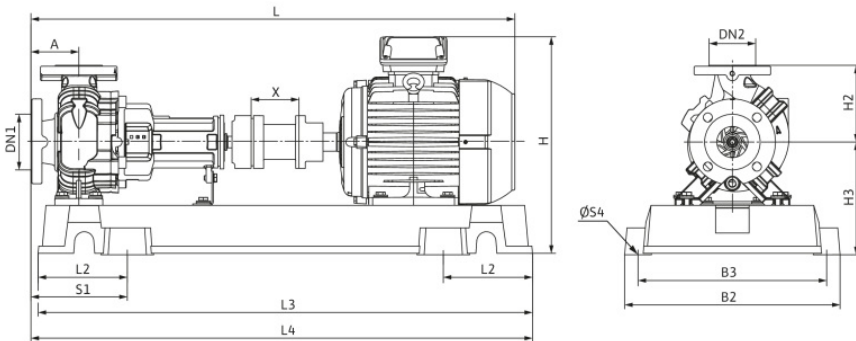
Pipe connection on the suction side DN 125, PN 16
Pipe connection (pressure side) DN 100, PN 16
Port to Port

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. 262.4 kg
Item number



Dimensions

mm

A	125	H	523	L3	1,150
B2	490	H2	280	L4	1,170
B3	440	H3	303	S1	225
DN1	DN 125,	L	1,274	S4	24
DN2	DN 100,	L2	205	X	140



Contact
E-mail
Phone

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Hydraulic data

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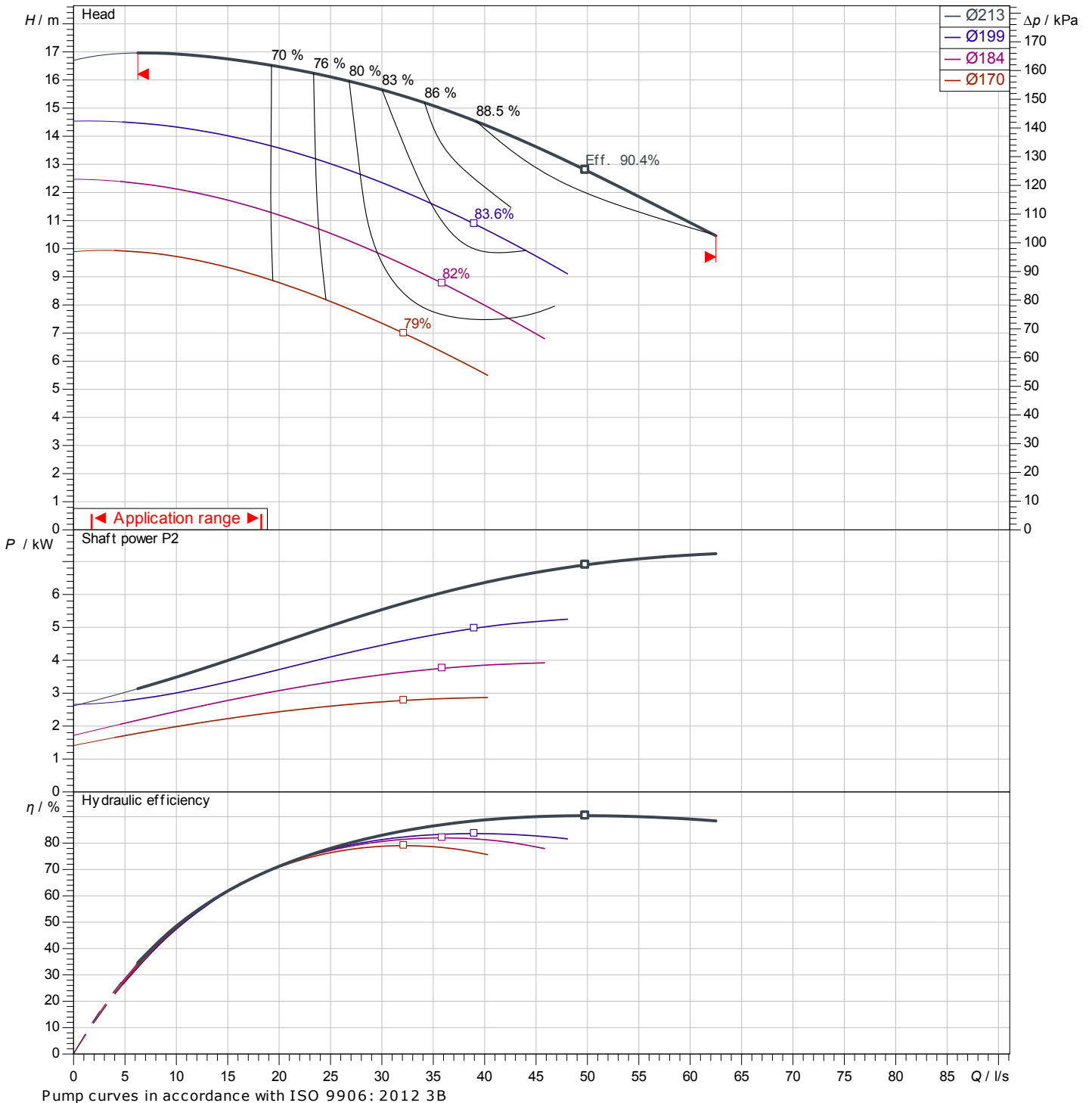
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Operating data

Rotational speed 1462 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 125	Discharge port DN 100
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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

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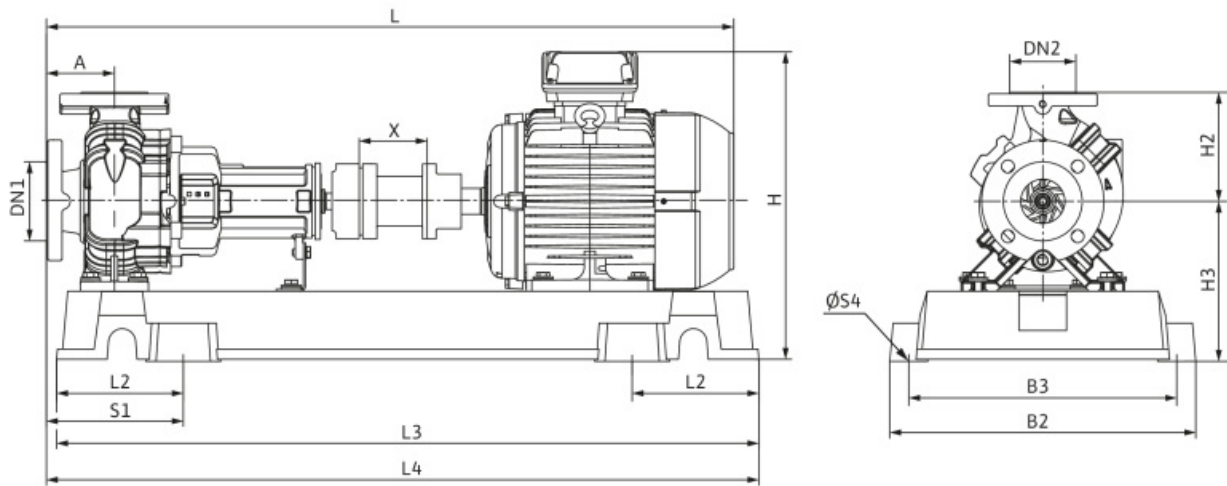
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Coupling with spacer

Suction side DN 125, PN 16

Discharge side DN 100, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	125	H3	303	X	140		
B2	490	L	1,274				
B3	440	L2	205				
DN1	DN 125, PN 16	L3	1,150				
DN2	DN 100, PN 16	L4	1,170				
H	523	S1	225				
H2	280	S4	24				