

Technical data

Glanded standard pump
Atmos GIGA-N 32/250-4/4/6

Project ID

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

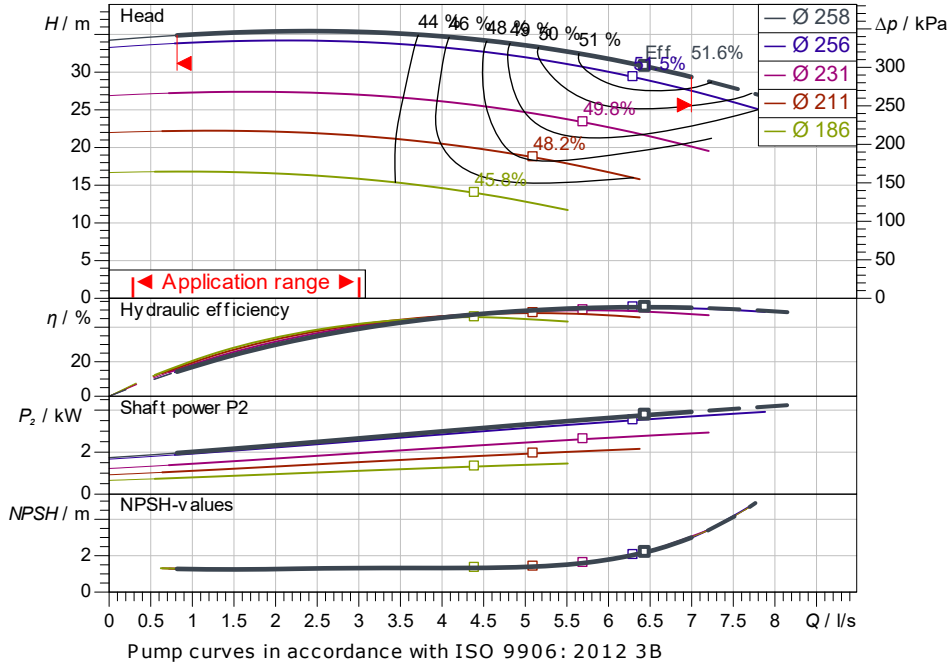
Project name

Installation location

Customer pos. No.

Date 2025-03-05

Duty chart



Requested data

Flow
Head
Media
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 258

Product data

Glanded standard pump
Atmos GIGA-N 32/250-4/4/6
Max. operating pressure 1,600 kPa
Fluid temperature -20 °C ... +140 °C
Max. ambient temperature 40 °C
Minimum efficiency index (MEI) ≥ 0.4

Motor data per Motor/Pump

Motor efficiency level IE3
Mains connection 3~ 380 V / 60 Hz
Permitted voltage tolerance +10 %
Max. speed 1,760 1/min
Rated power P2 4.00 kW
Rated current 8.70 A
Power factor 0.78
Efficiency 50% / 75% / 100% 87.7/89.6/89.5%
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

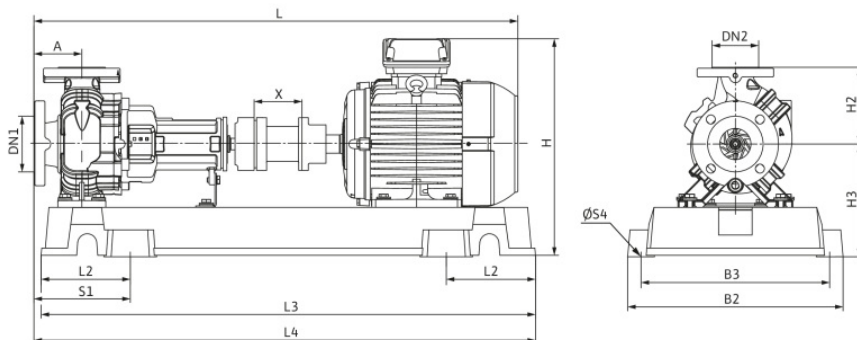
Pipe connection on the suction side DN 50, PN 16
Pipe connection (pressure side) DN 32, PN 16
Port to Port

Materials

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

Information for order placements

Weight approx. 180 kg
Item number



Dimensions

mm

A	100	H	475	L3	1,030
B2	450	H2	225	L4	1,040
B3	400	H3	283	S1	195
DN1	DN 50, P	L	953	S4	24
DN2	DN 32, P	L2	185	X	100

Hydraulic data

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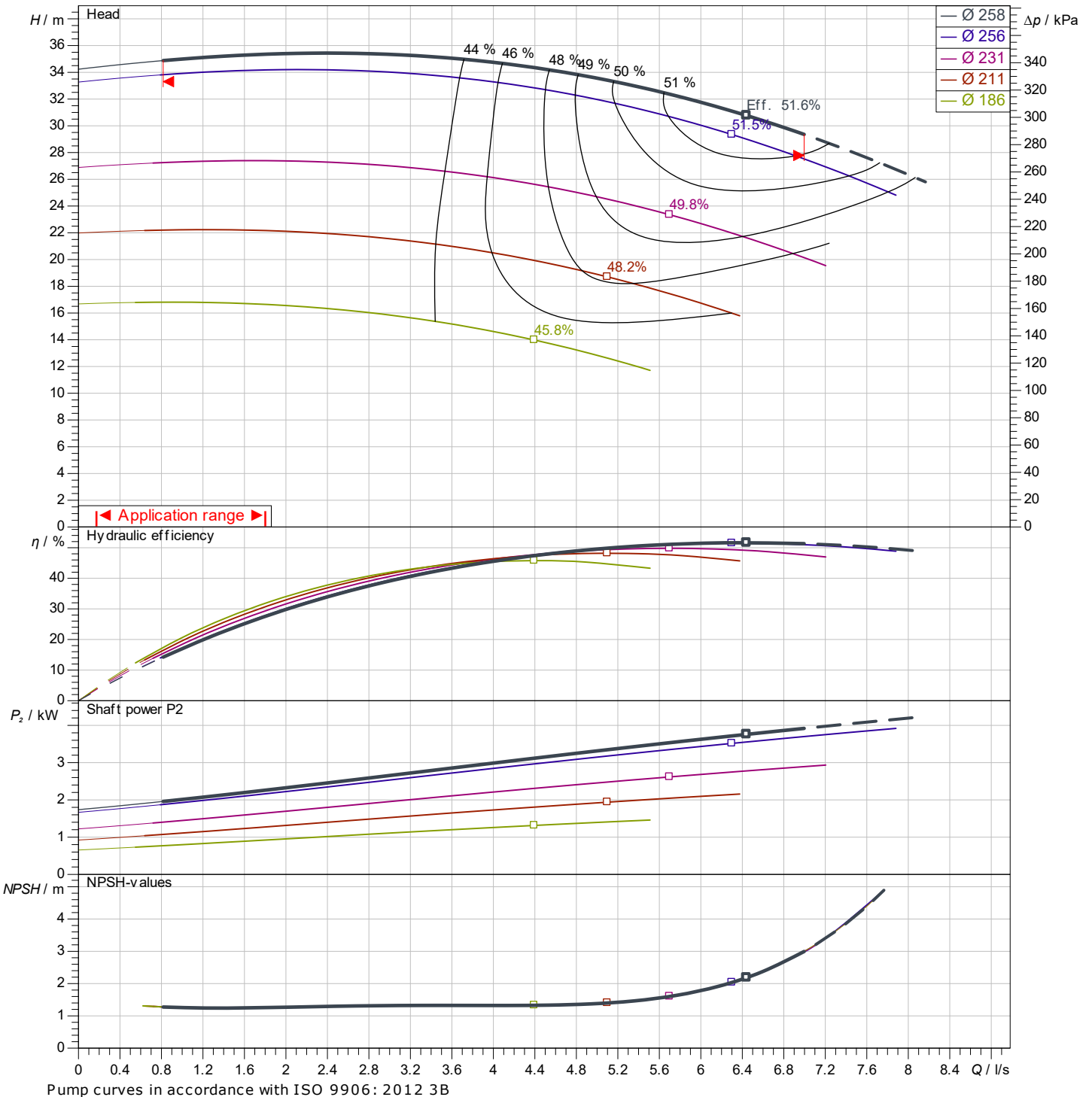
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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
1750 1/min	60 Hz	Q =		DN 50	DN 32

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



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

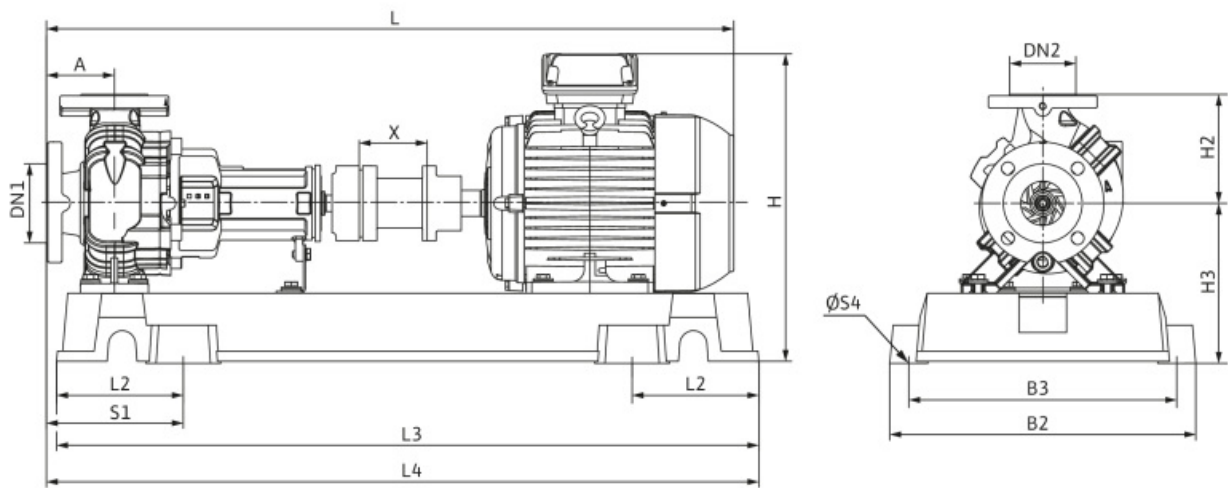
Dimensions

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Coupling with spacer

Suction side DN 50, PN 16
Discharge side DN 32, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	100	H3	283	X	100		
B2	450	L	953				
B3	400	L2	185				
DN1	DN 50, PN 16	L3	1,030				
DN2	DN 32, PN 16	L4	1,040				
H	475	S1	195				
H2	225	S4	24				