

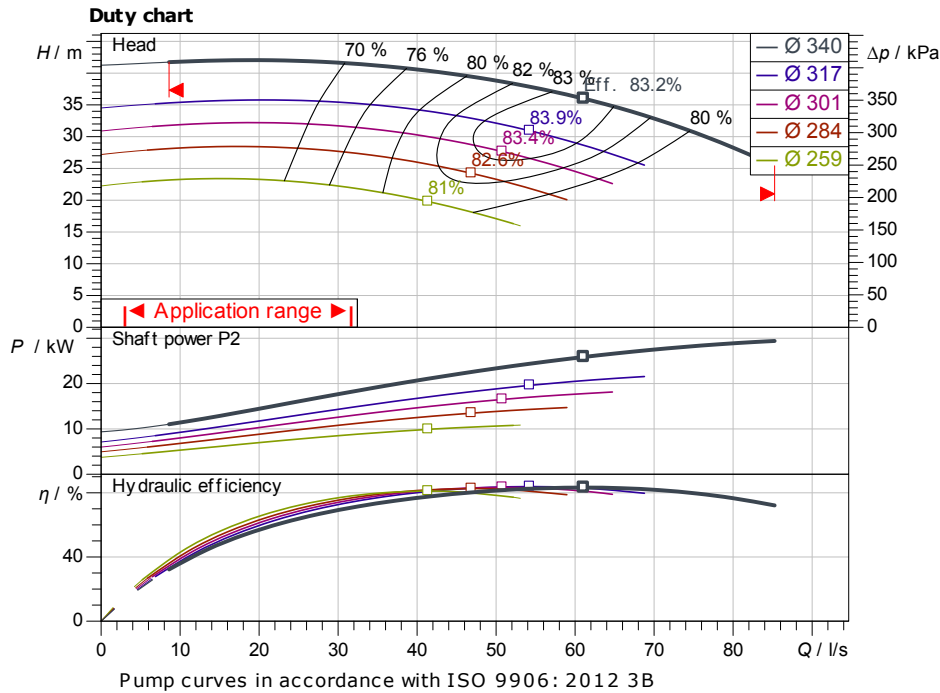
Technical data

Glanded standard pump Atmos GIGA-N 100/315-30/4-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 P2
Hydraulic efficiency
NPSH
Impeller size 340

Product data

Glanded standard pump
Atmos GIGA-N 100/315-30/4-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 1,485 1/min
Rated power P2 30.00 kW
Rated current 56.30 A
Power factor 0.81
Efficiency 50% / 75% / 100% 93.9/94.7/94.9%
Degree of protection IP55
Insulation class F
Motor protection PTC integrated

Fitting dimensions

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

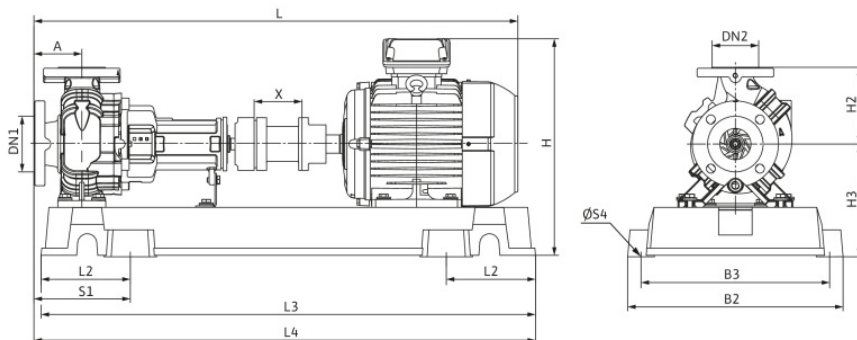
Materials

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. 598.3 kg
Item number



Dimensions

mm

A	140	H	672	L3	1,440
B2	610	H2	315	L4	1,470
B3	550	H3	353	S1	280
DN1	DN 125,	L	1,517	S4	29
DN2	DN 100,	L2	250	X	140

Hydraulic data

Glanded standard pump
Atmos GIGA-N 100/315-30/4-IE4

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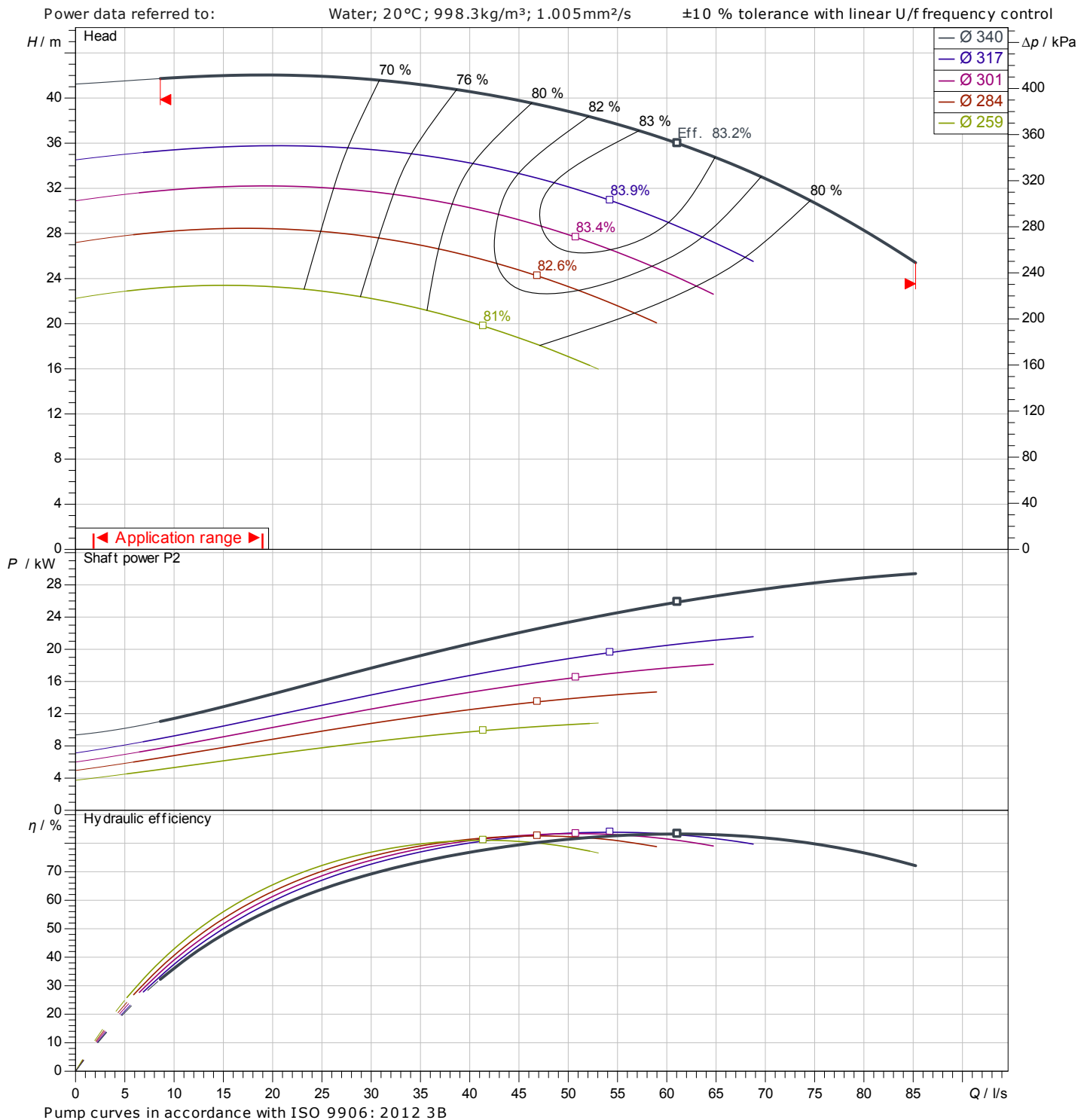
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Operating data

Rotational speed 1482 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 125	Discharge port DN 100
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Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

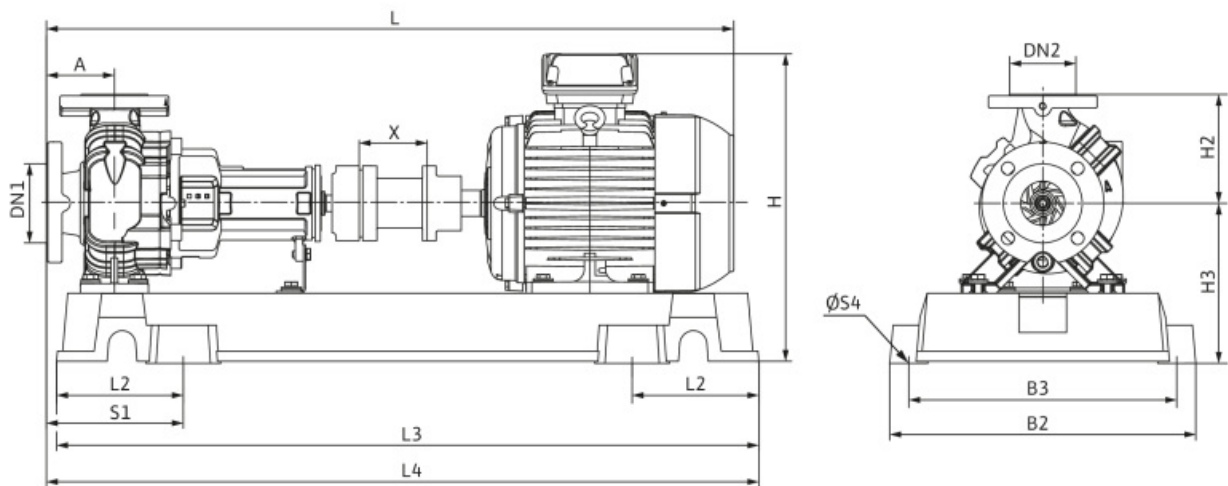
Dimensions

Glanded standard pump
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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	140	H3	353	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	672	S1	280				
H2	315	S4	29				