

Technical data

Glanded standard pump NLG 200/315-55/4

Project ID

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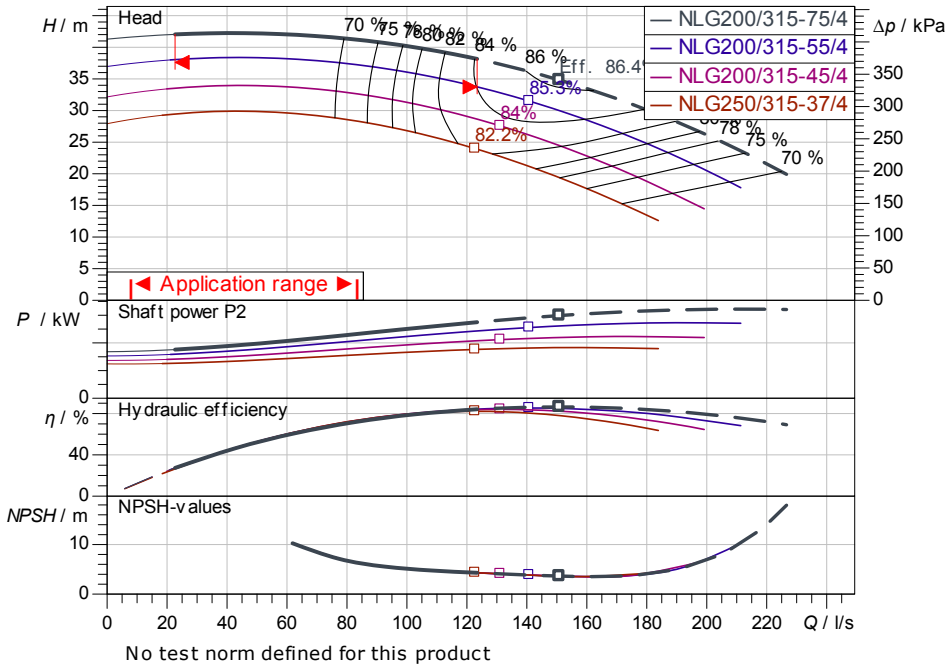
Project name

Installation location

Customer pos. No.

Date 2025-03-02

Duty chart



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	342

Product data

Glanded standard pump	
NLG 200/315-55/4	
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	≥ 0.4

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	1,480 1/min
Rated power P2	55.00 kW
Rated current	98.60 A
Power factor	0.85
Efficiency	
50% / 75% / 100%	0/0/0%
Degree of protection	
Insulation class	F
Motor protection	PTC integrated

Fitting dimensions

Pipe connection on the suction side	DN 250, PN 16
Pipe connection (pressure side)	DN 200, PN 16
Port to Port	

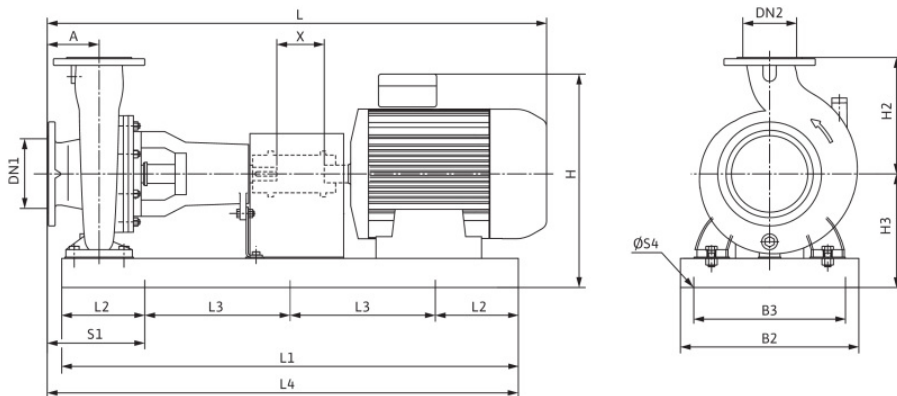
Materials

Pump housing	EN-GJS-500-7
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Impeller	5.1301/EN-GJL-250
Lantern	EN-GJS-500-7
Shaft	1.4028
Shaft seal	AQ1EGG

Information for order placements

Weight approx.	981 kg
Item number	4452595



Dimensions

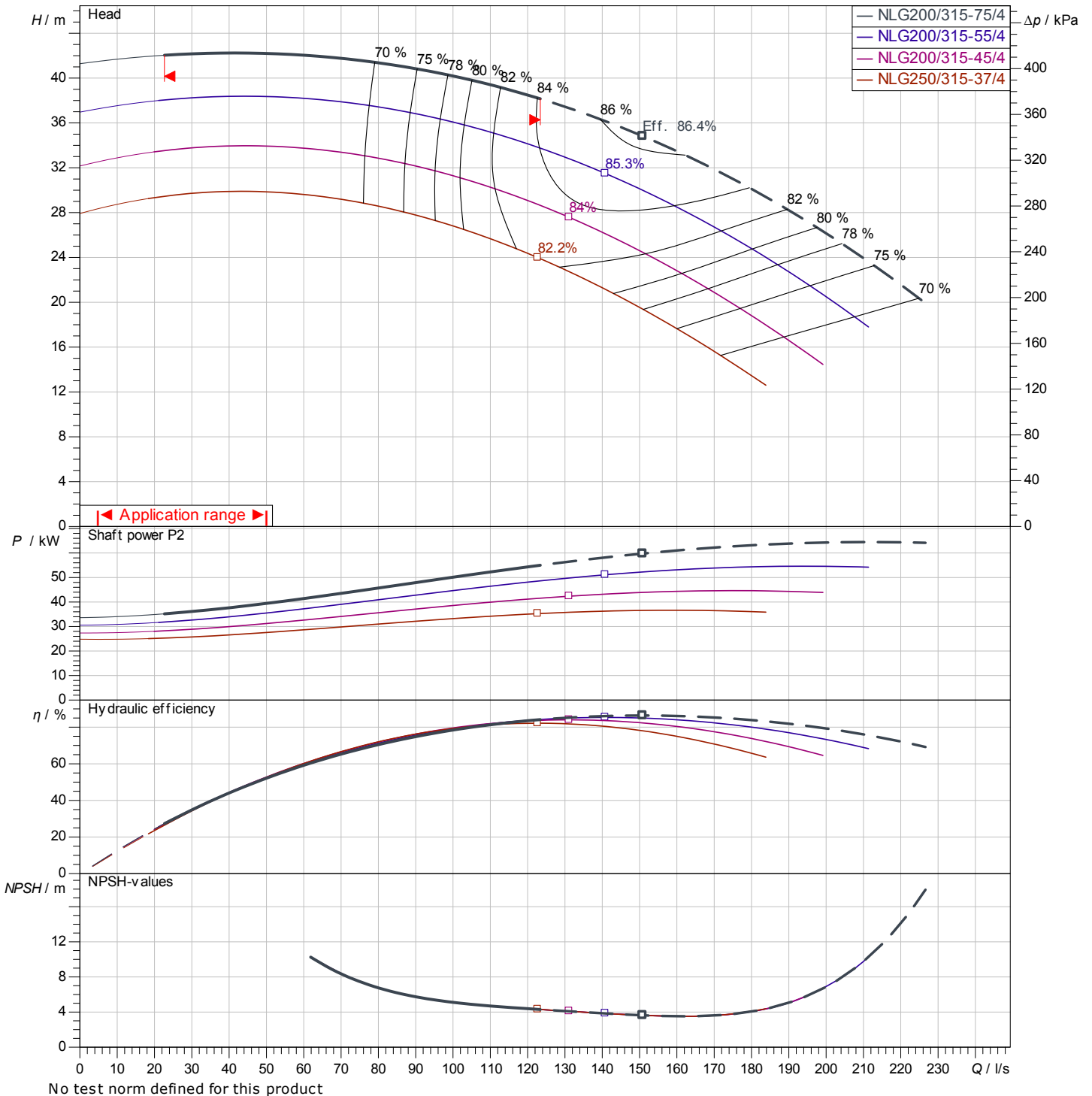
mm

A	180	DN1	DN 250,	L	1,823	S4	29
A1	14	DN2	DN 200,	L1	1,840	X	180
A2	180	H	840	L2	320		
B2	730	H2	450	L4	1,890		
B3	670	H3	438	S1	370		

Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1480 1/min	50 Hz	Q =	H =	DN 250	DN 200

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



Dimensions

Glanded standard pump

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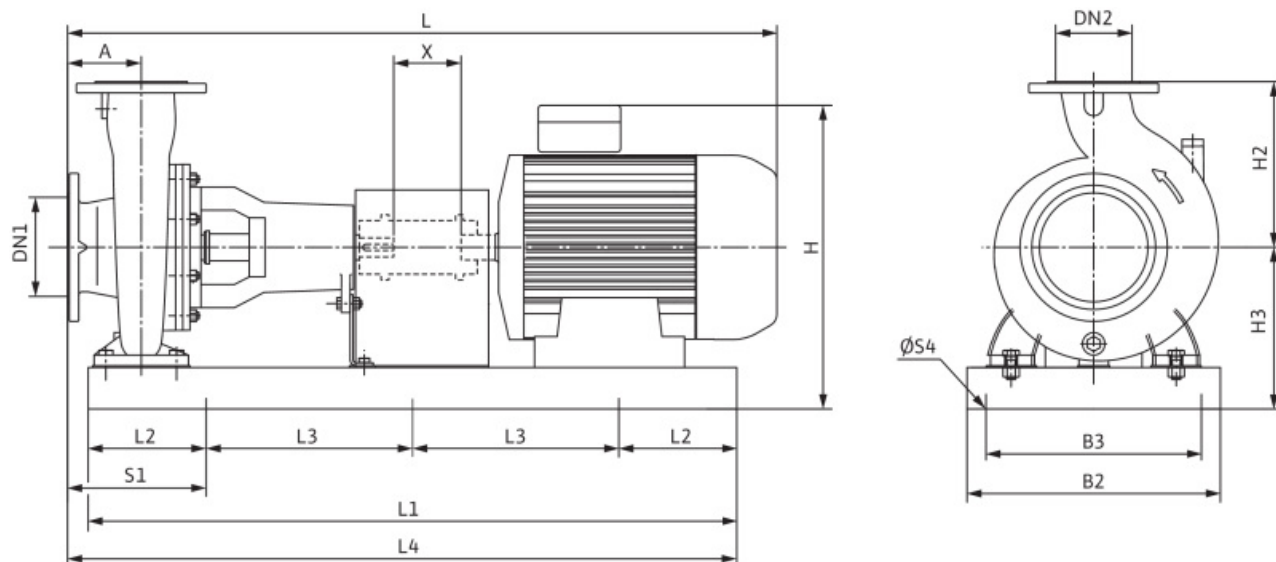
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Coupling with spacer

Suction side DN 250, PN 16

Discharge side DN 200, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	180	H	840	S1	370		
A1	14	H2	450	S4	29		
A2	180	H3	438	X	180		
B2	730	L	1,823				
B3	670	L1	1,840				
DN1	DN 250, PN 16	L2	320				
DN2	DN 200, PN 16	L4	1,890				