

Technical data

Glanded standard high-efficiency pump

Yonos GIGA-N 65/125-11/2-R1

Project ID

Untitled project 2025-03-04 09:37:01.987

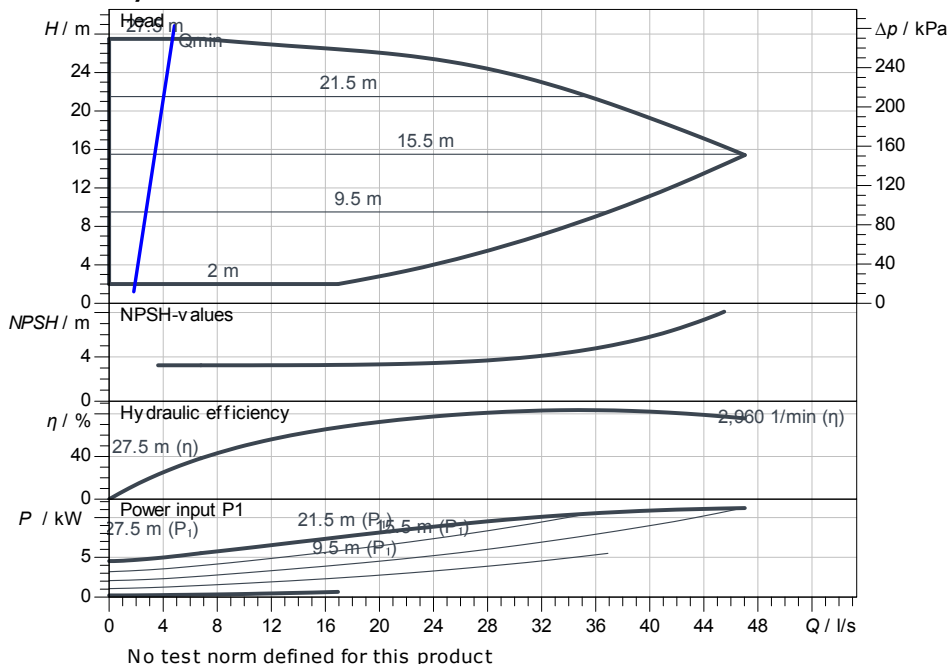
Project name

Installation location

Customer pos. No.

Date 2025-03-04

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	

Product data

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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	2,950 1/min
Rated power P2	11.00 kW
Rated current	17.40 A
Power factor	0.92
Efficiency	50% / 75% / 100%
Degree of protection	IP55
Insulation class	F
Motor protection	PTC integrated

Fitting dimensions

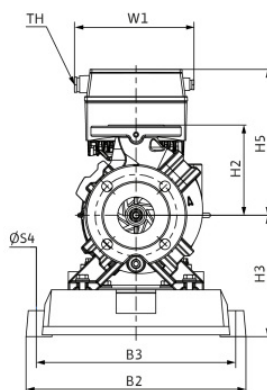
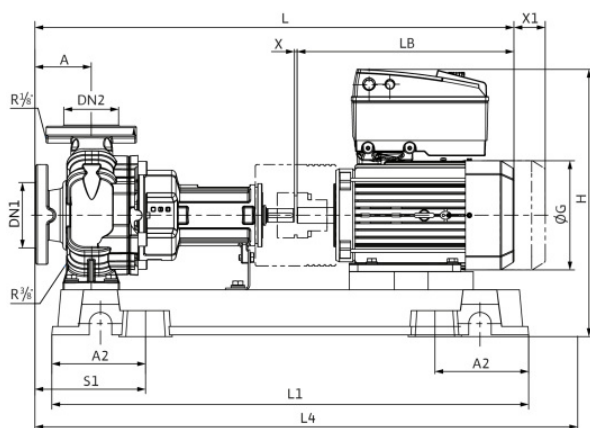
Pipe connection on the suction side	DN 80, PN 16
Pipe connection (pressure side)	DN 65, PN 16
Port to Port	

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.	251 kg
Item number	6088952



Dimensions

mm

A	100	DN1	DN 80, P	H5	505	L3	740
A2	205	DN2	DN 65, P	HH	515	L4	1,160
B1	0	H	768	L	1,187	LB	627
B2	490	H2	180	L1	1,150	LL	441
B3	440	H3	263	L2	205	ØG	313

Hydraulic data

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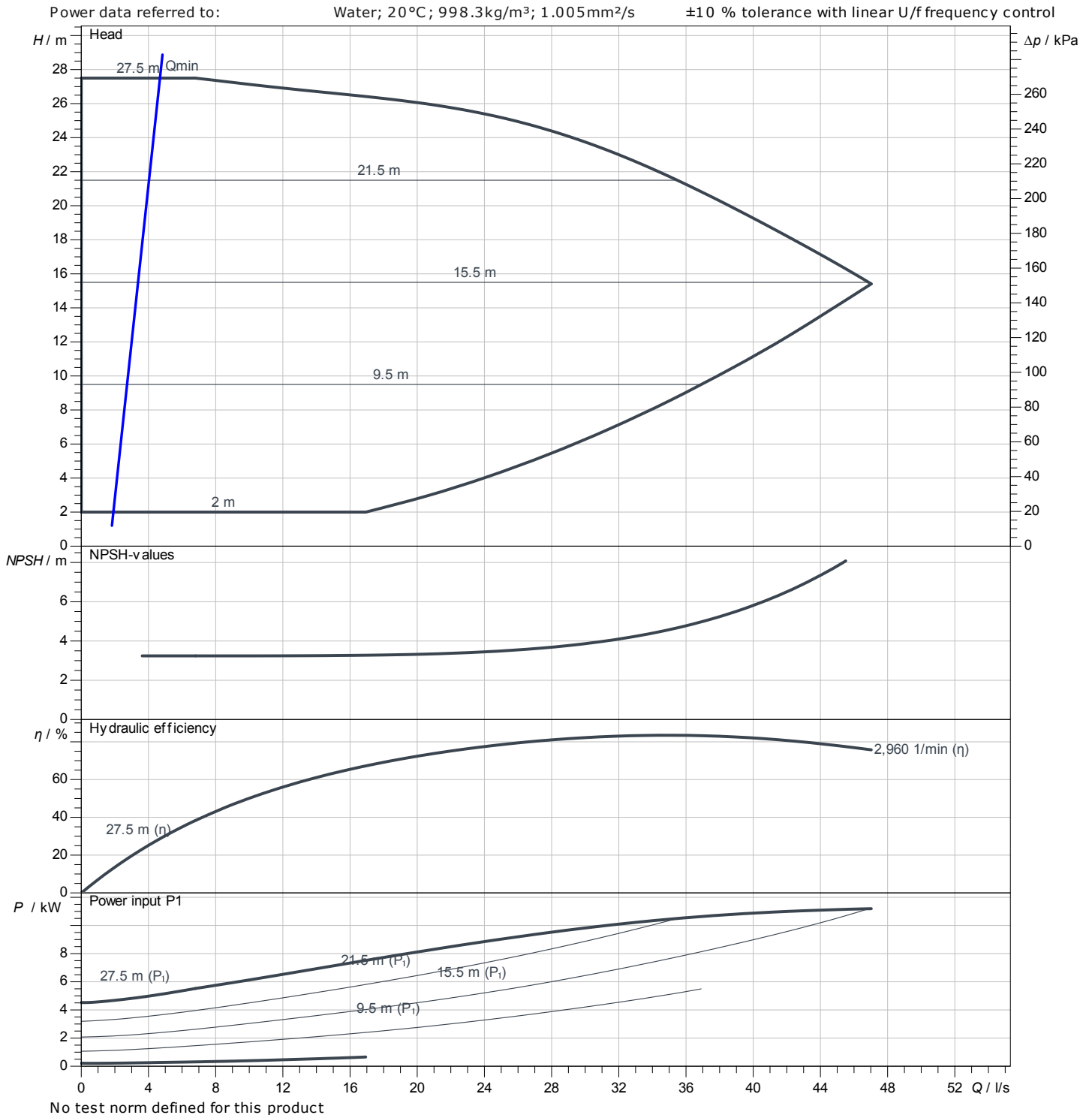
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Operating data

Rotational speed 2960 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 80	Discharge port DN 65
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Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

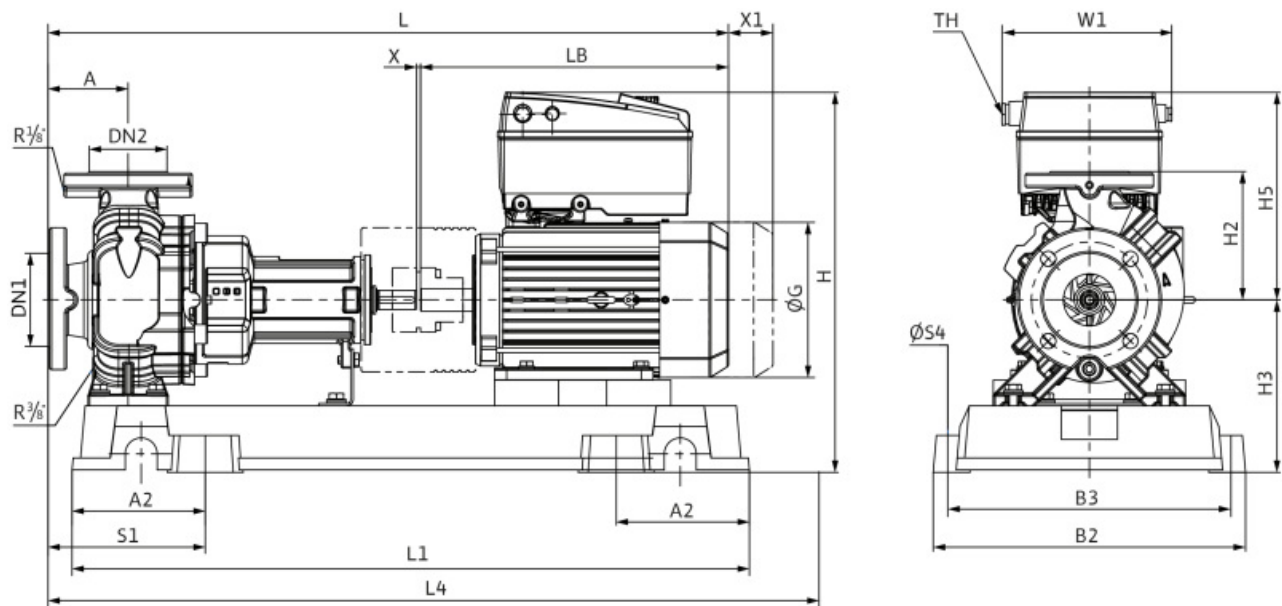
Dimensions

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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	100	H	768	L2	205	S4	24
A2	205	H2	180	L3	740	W1	307.6
B1	0	H3	263	L4	1,160	X	100
B2	490	H5	505	LB	627	X1	100
B3	440	HH	515	LL	441		
DN1	DN 80, PN 16	L	1,187	ØG	313		
DN2	DN 65, PN 16	L1	1,150	S1	215		