

Technical data

Glanded standard pump Atmos GIGA-N 65/250-7.5/4

Project ID

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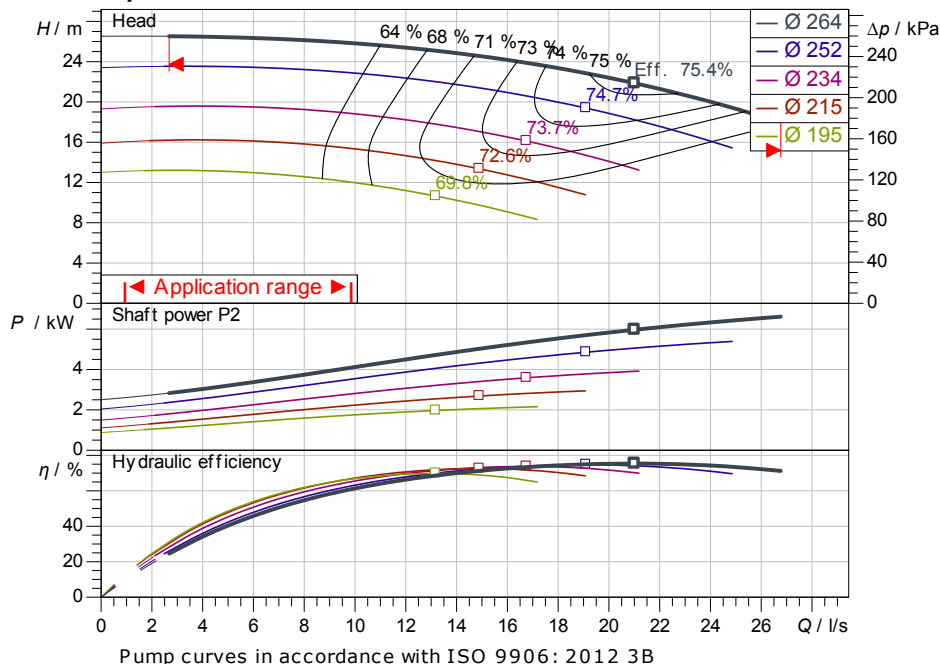
Project name

Installation location

Customer pos. No.

Date 2025-03-03

Duty chart



Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	
Impeller size	264

Product data

Glanded standard pump	
Atmos GIGA-N 65/250-7.5/4	
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	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	1,460 1/min
Rated power P2	7.50 kW
Rated current	13.90 A
Power factor	0.8
Efficiency	
50% / 75% / 100%	90.5/90.8/90.6%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

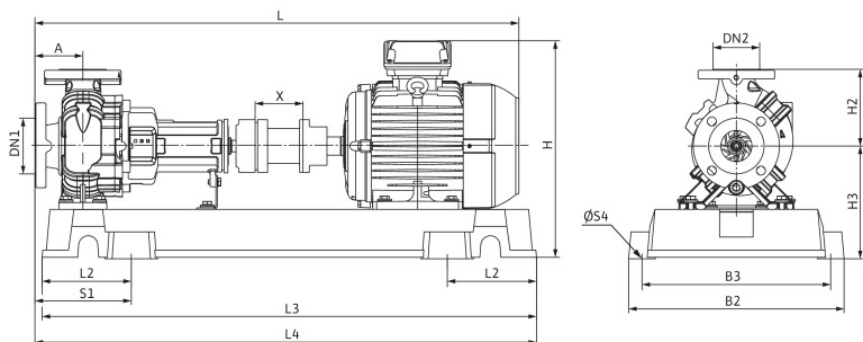
Pipe connection on the suction side	DN 80, PN 16
Pipe connection (pressure side)	DN 65, PN 16
Port to Port	

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.	252 kg
Item number	6086460



Dimensions

mm

A	100	H	521	L3	1,150
B2	490	H2	250	L4	1,145
B3	440	H3	303	S1	200
DN1	DN 80, P	L	1,200	S4	24
DN2	DN 65, P	L2	205	X	140

Hydraulic data

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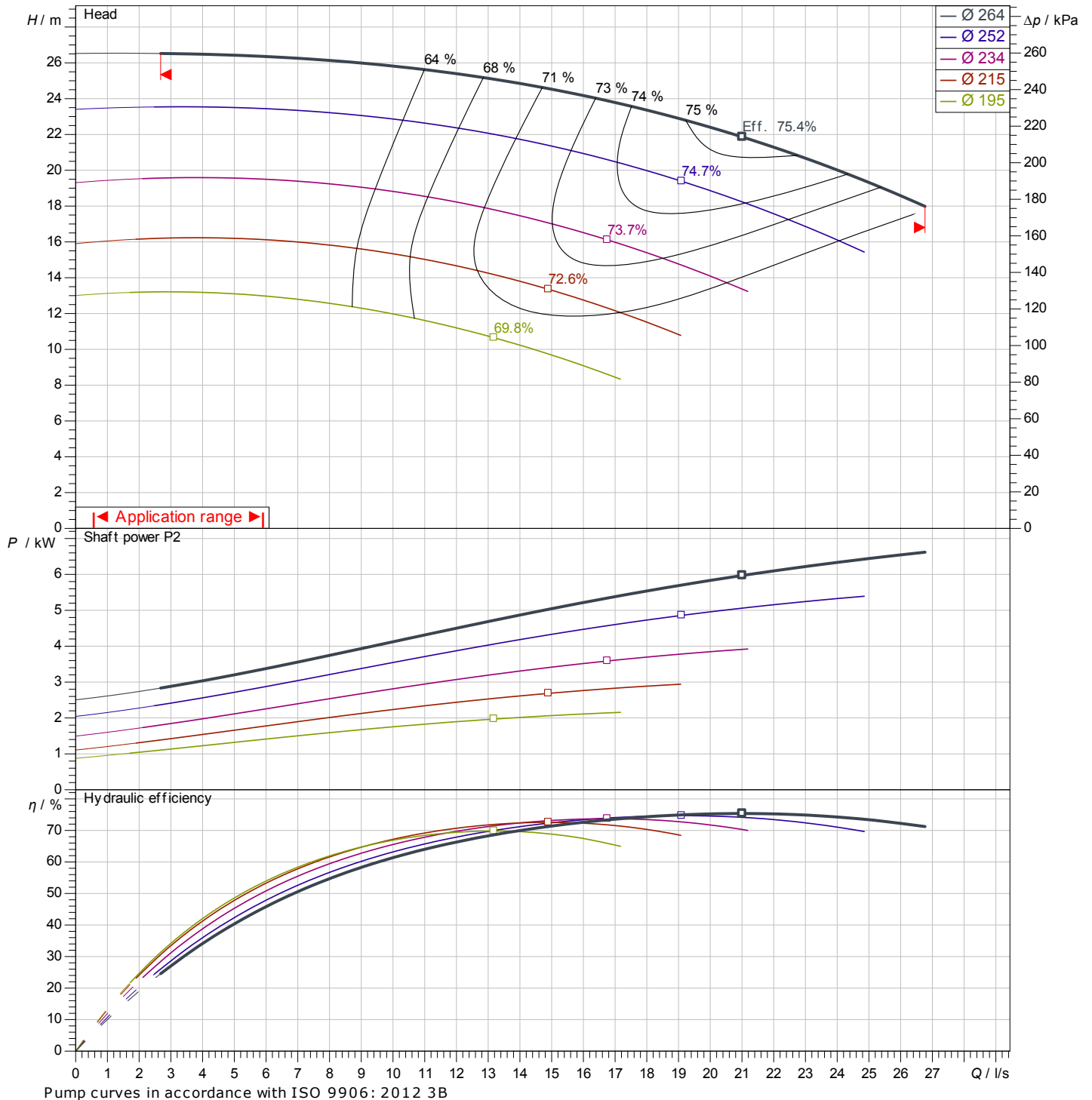
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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
1462 1/min	50 Hz	Q =		DN 80	DN 65

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

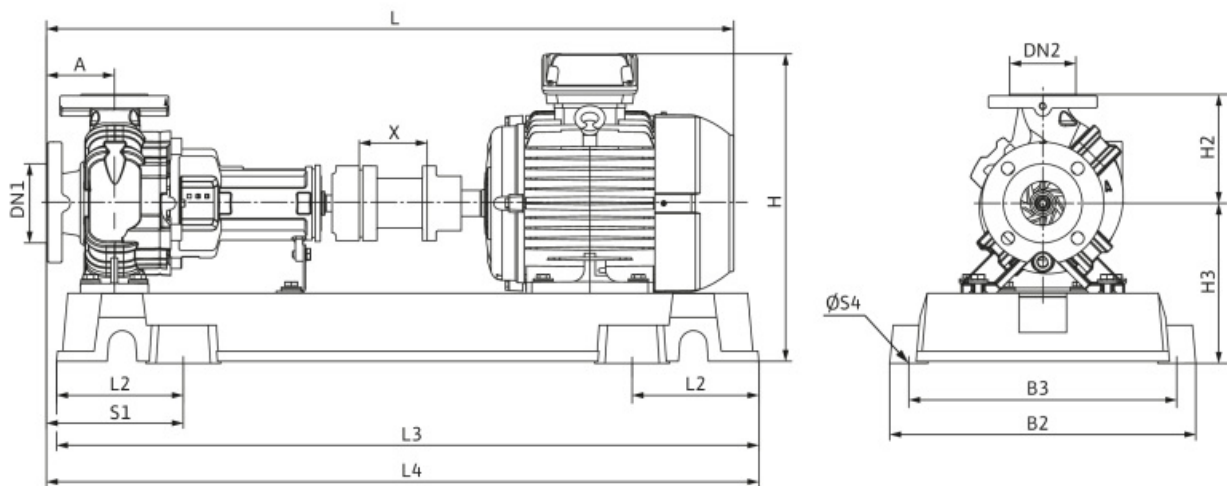
Dimensions

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Coupling with spacer

Suction side DN 80, PN 16
Discharge side DN 65, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	100	H3	303	X	140		
B2	490	L	1,200				
B3	440	L2	205				
DN1	DN 80, PN 16	L3	1,150				
DN2	DN 65, PN 16	L4	1,145				
H	521	S1	200				
H2	250	S4	24				