

Technical data

Glanded standard pump Atmos GIGA-N 32/160.1-1.1/4/6

Project ID

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

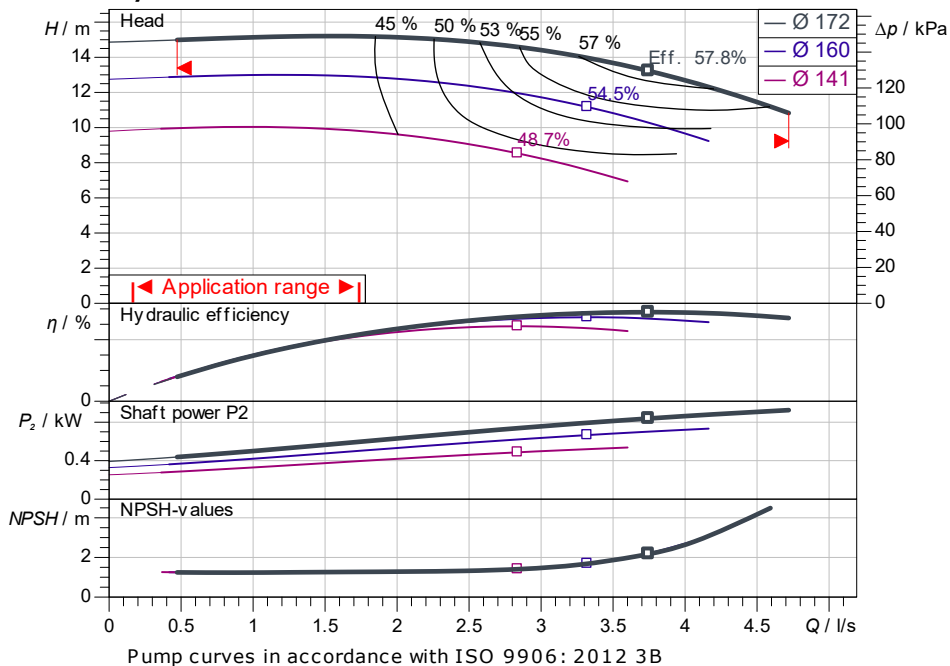
Project name

Installation location

Customer pos. No.

Date 2025-03-05

Duty chart



Requested data

Flow	
Head	
Media	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	172

Product data

Glanded standard pump	
Atmos GIGA-N 32/160.1-1.1/4/6	
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +140 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	≥ 0.4

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 380 V / 60 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	1,745 1/min
Rated power P2	1.10 kW
Rated current	2.70 A
Power factor	0.73
Efficiency	
50% / 75% / 100%	84.3/86.6/86.5%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

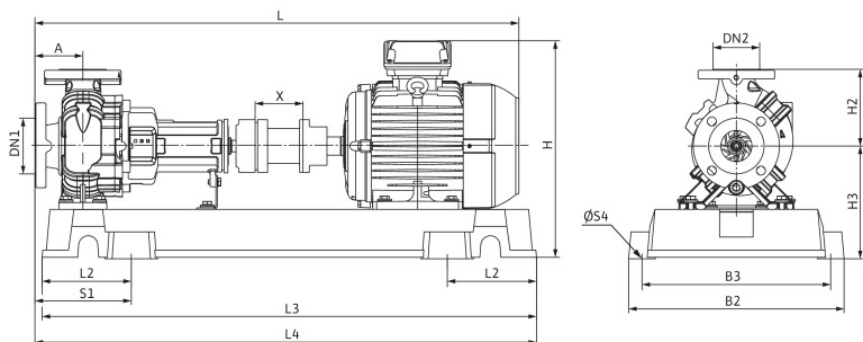
Pipe connection on the suction side	DN 50, PN 16
Pipe connection (pressure side)	DN 32, PN 16
Port to Port	

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.	103 kg
Item number	



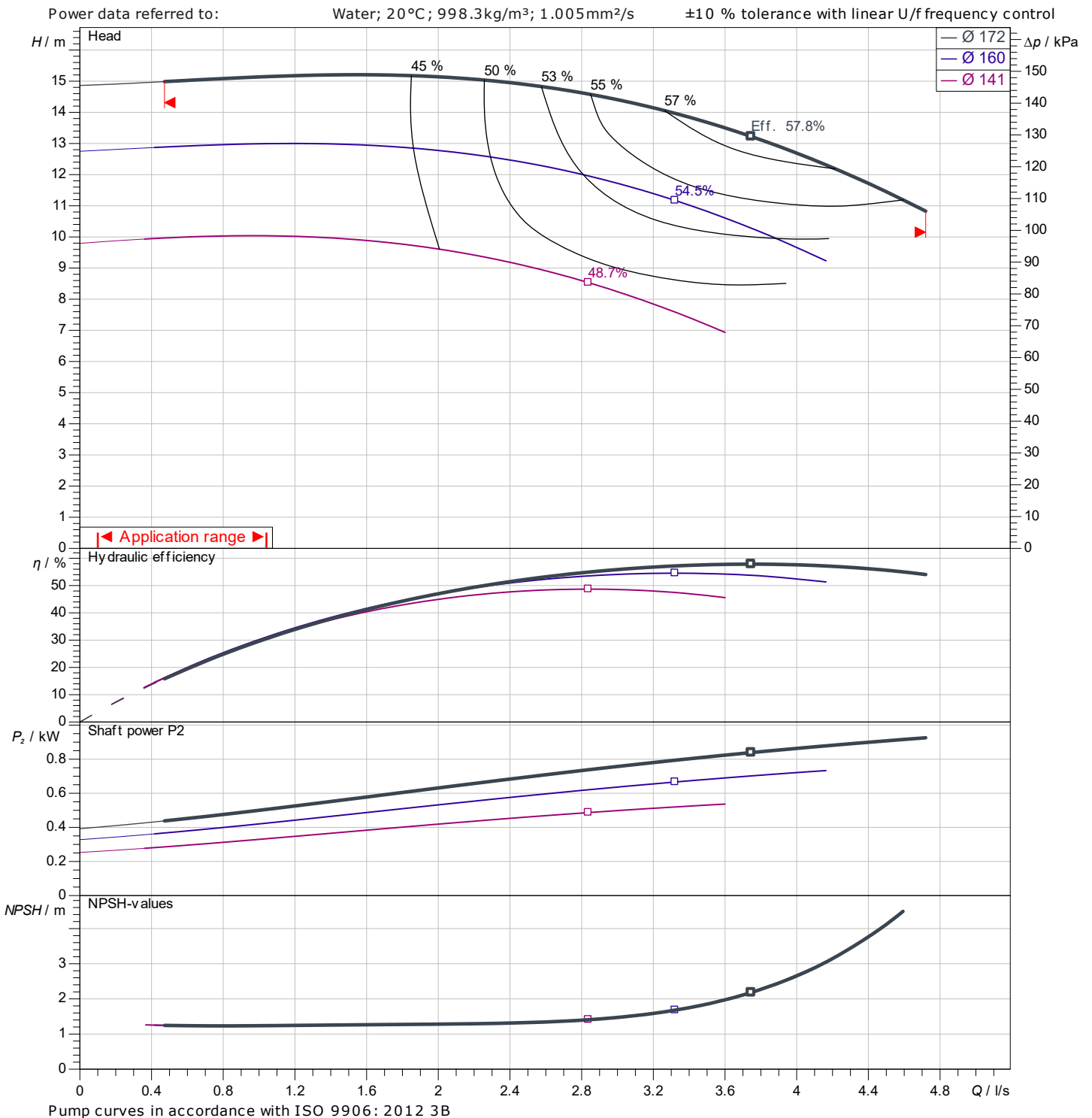
Dimensions

mm

A	80	H	372	L3	830
B2	360	H2	160	L4	835
B3	320	H3	215	S1	150
DN1	DN 50, P	L	844	S4	19
DN2	DN 32, P	L2	145	X	100

Operating data

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

Customer

Contact
E-mail
Phone

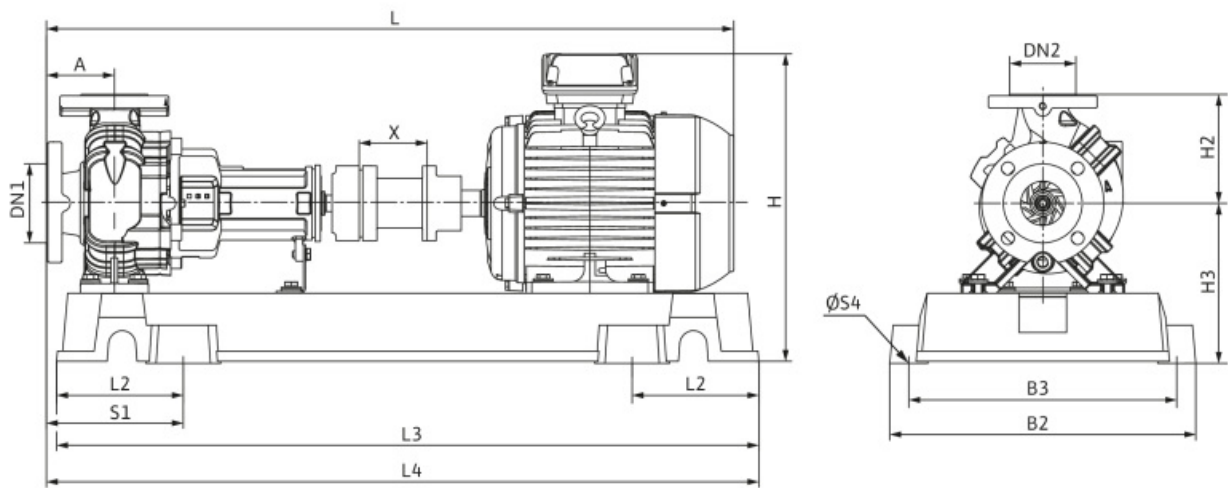
Dimensions

Glanded standard pump
Atmos GIGA-N 32/160.1-1.1/4/6

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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	80	H3	215	X	100		
B2	360	L	844				
B3	320	L2	145				
DN1	DN 50, PN 16	L3	830				
DN2	DN 32, PN 16	L4	835				
H	372	S1	150				
H2	160	S4	19				