

Technical data

Glanded standard pump

Atmos GIGA-N 32/160.1-4/2-IE4

Project ID

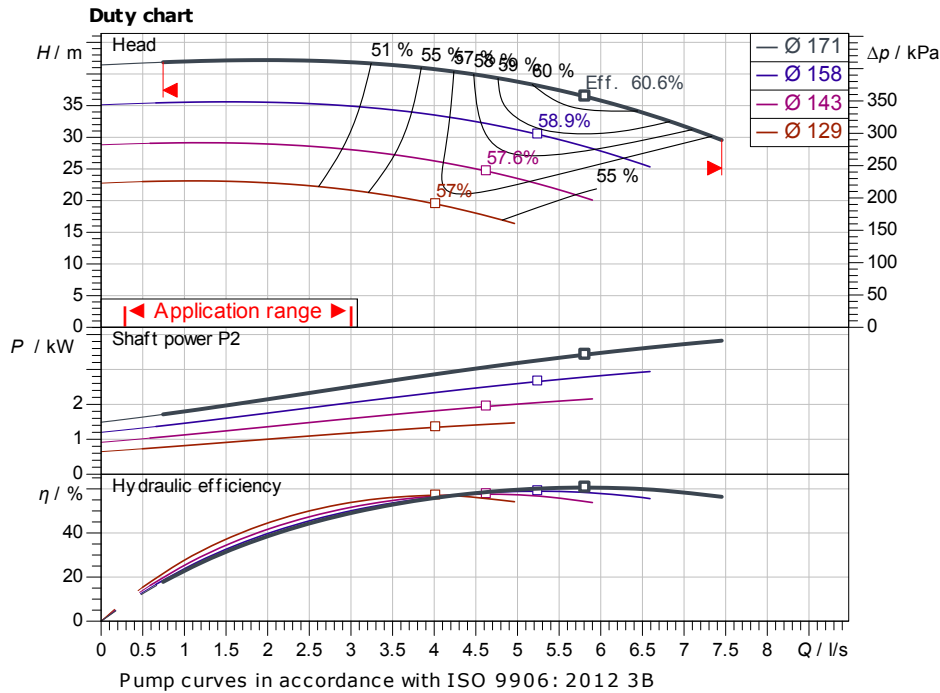
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Project name

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/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P_2	
Hydraulic efficiency	
NPSH	
Impeller size	171

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

Motor data per Motor/Pump

Motor efficiency level	IE4
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	2,920 1/min
Rated power P_2	4.00 kW
Rated current	7.64 A
Power factor	0.84
Efficiency	
50% / 75% / 100%	88/89/90%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

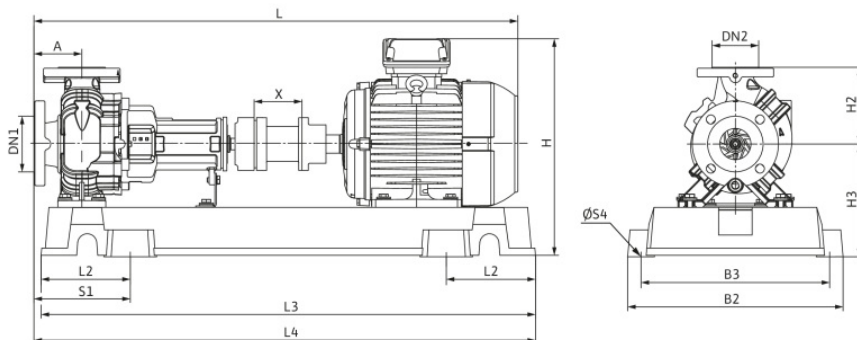
Pipe connection on the suction side	DN 50, PN 16
Pipe connection (pressure side)	DN 32, PN 16
Port to Port	

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.	148 kg
Item number	



Dimensions

mm

A	80	H	407	L3	930
B2	390	H2	160	L4	935
B3	350	H3	215	S1	170
DN1	DN 50, P	L	969	S4	19
DN2	DN 32, P	L2	165	X	100

Hydraulic data

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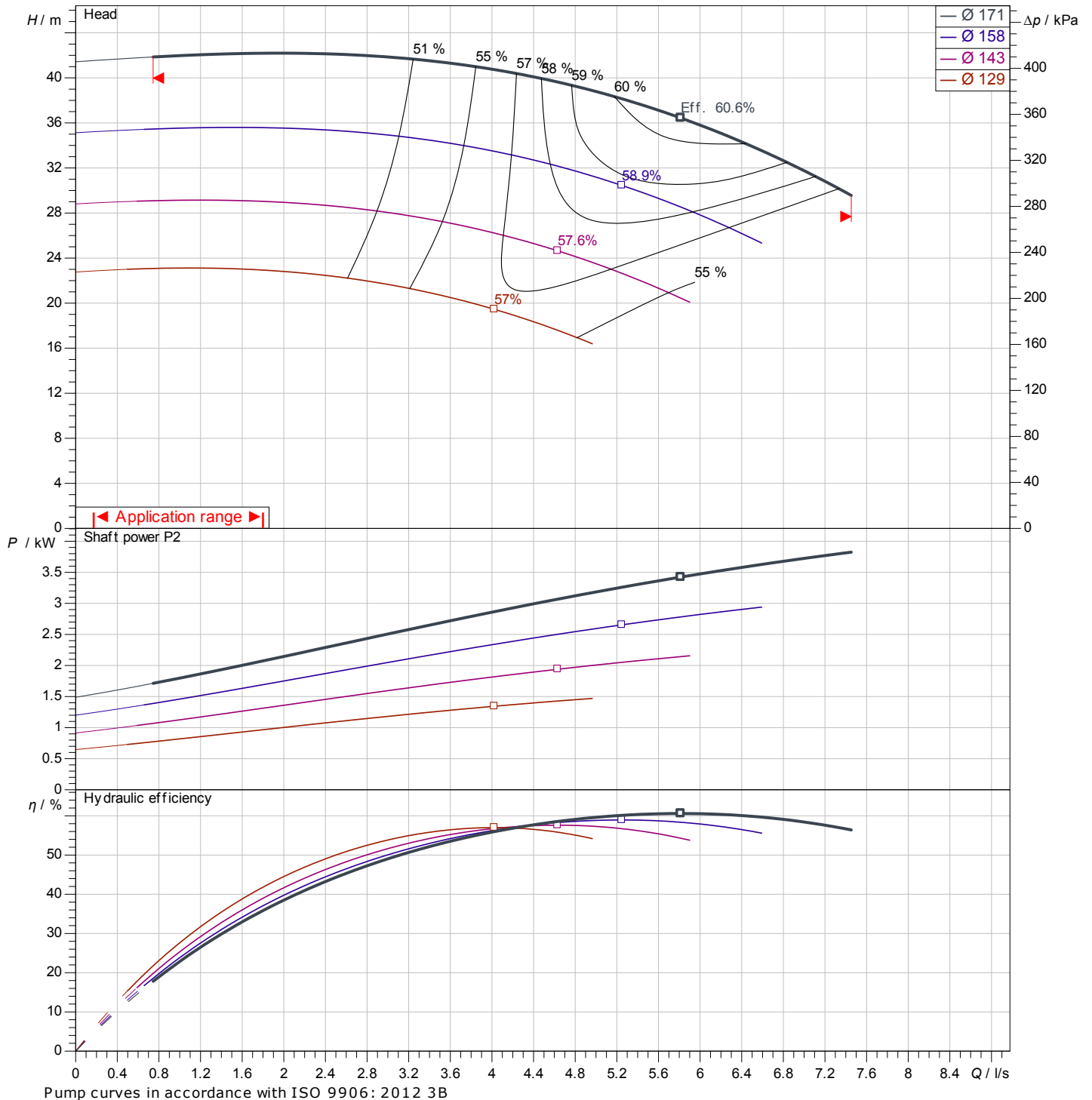
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Operating data

Rotational speed 2902 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 50	Discharge port DN 32
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Power data referred to: Water; 20°C; 998.3kg/m³; 1.005mm²/s ±10 % tolerance with linear U/f frequency control





Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

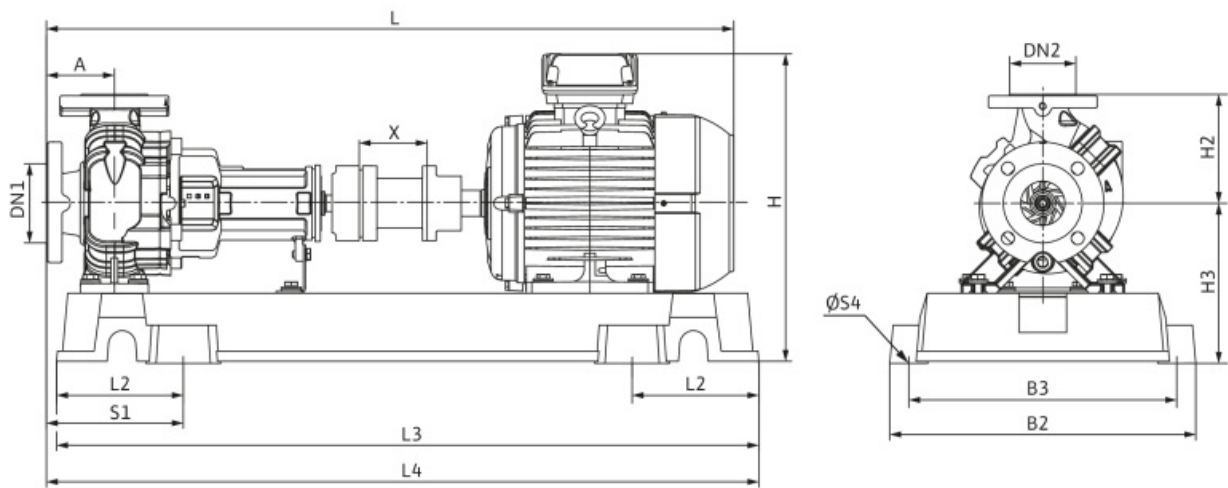
Dimensions

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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	390	L	969				
B3	350	L2	165				
DN1	DN 50, PN 16	L3	930				
DN2	DN 32, PN 16	L4	935				
H	407	S1	170				
H2	160	S4	19				