

Technical data

Glanded standard pump Atmos GIGA-N 50/160-1.5/4

Project ID

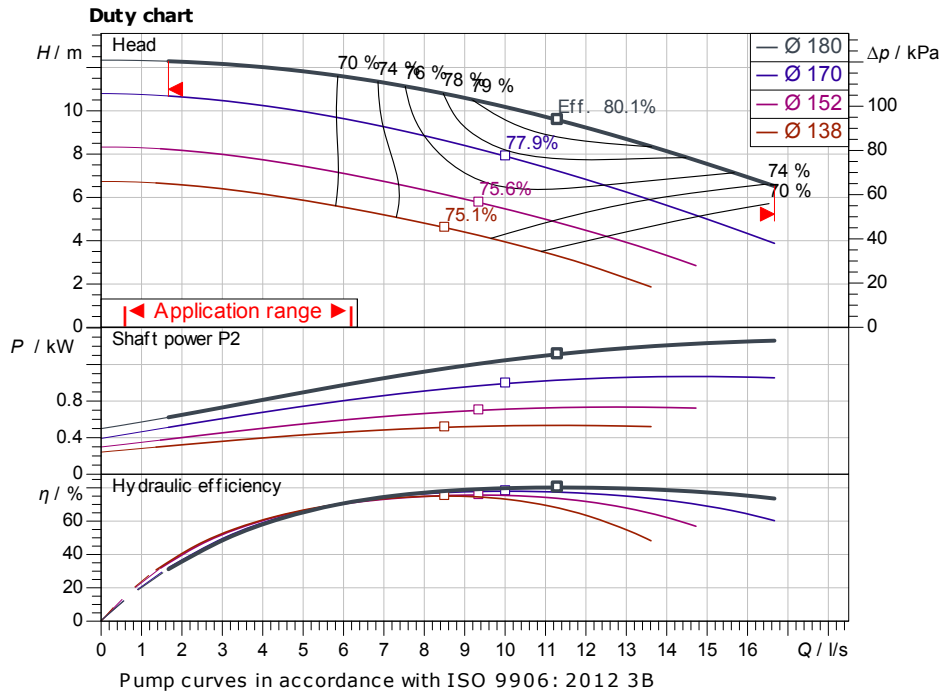
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Project name

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/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	
Impeller size	180

Product data

Glanded standard pump	
Atmos GIGA-N 50/160-1.5/4	
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +140 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	≥ 0.4

Motor data per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+/-10 %
Max. speed	1,440 1/min
Rated power P2	1.50 kW
Rated current	3.15 A
Power factor	0.73
Efficiency	
50% / 75% / 100%	85.5/86/86%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

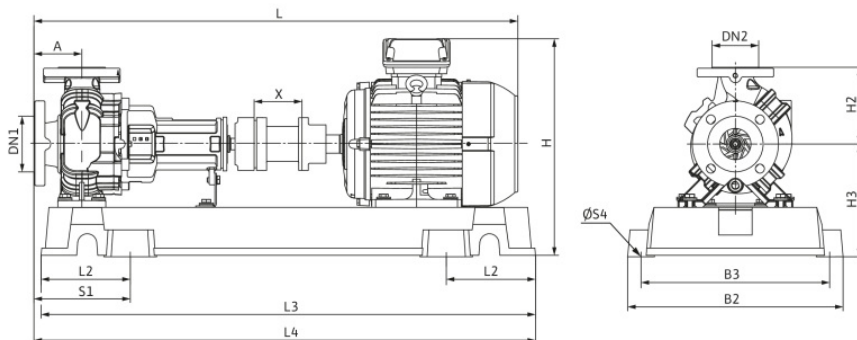
Pipe connection on the suction side	DN 65, PN 16
Pipe connection (pressure side)	DN 50, PN 16
Port to Port	

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.	121 kg
Item number	6086325



Dimensions

mm

A	100	H	400	L3	930
B2	390	H2	180	L4	955
B3	350	H3	243	S1	190
DN1	DN 65, P	L	889	S4	19
DN2	DN 50, P	L2	165	X	100

Hydraulic data

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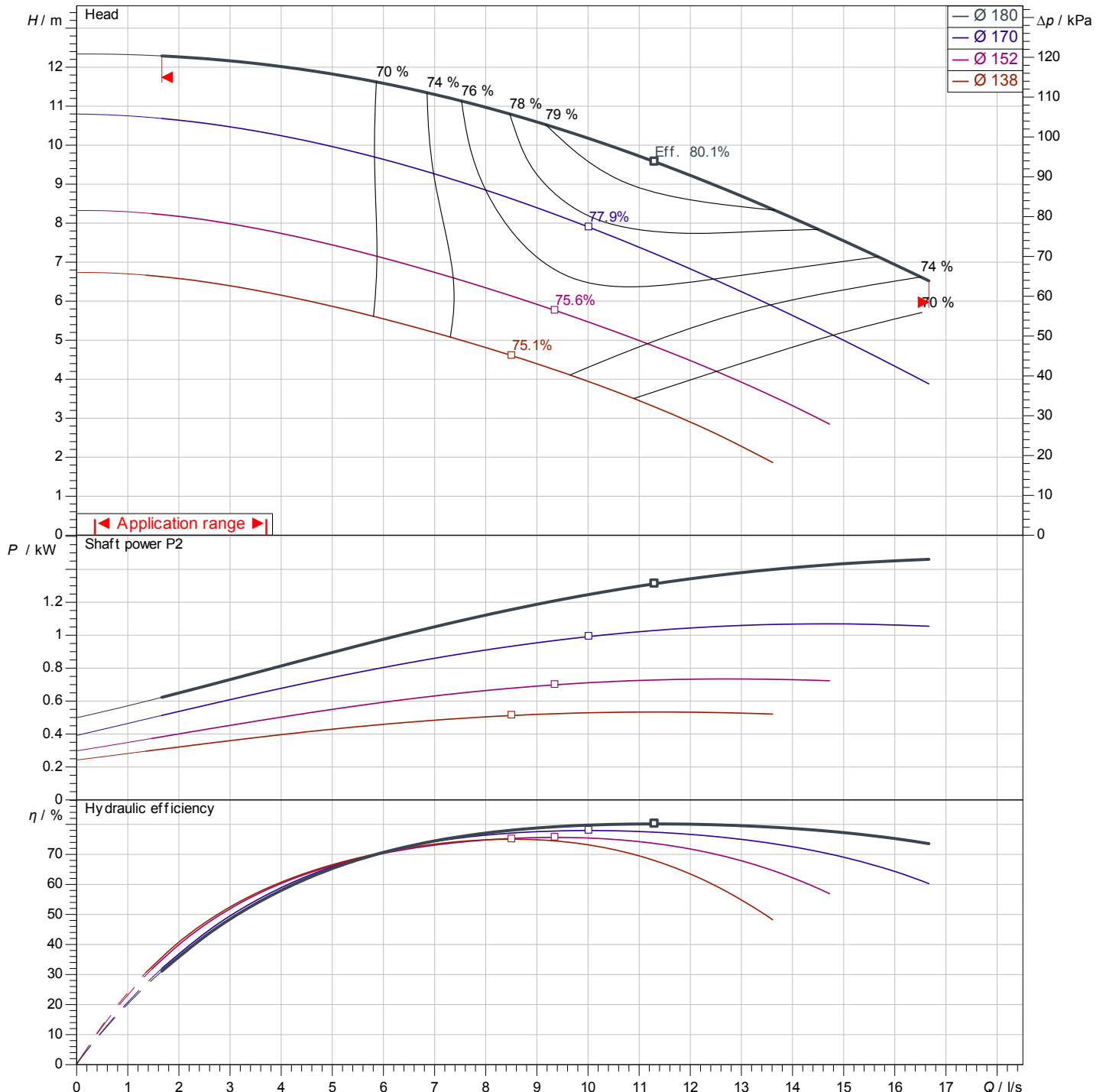
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1442 1/min	50 Hz	Q =	H =	DN 65	DN 50

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

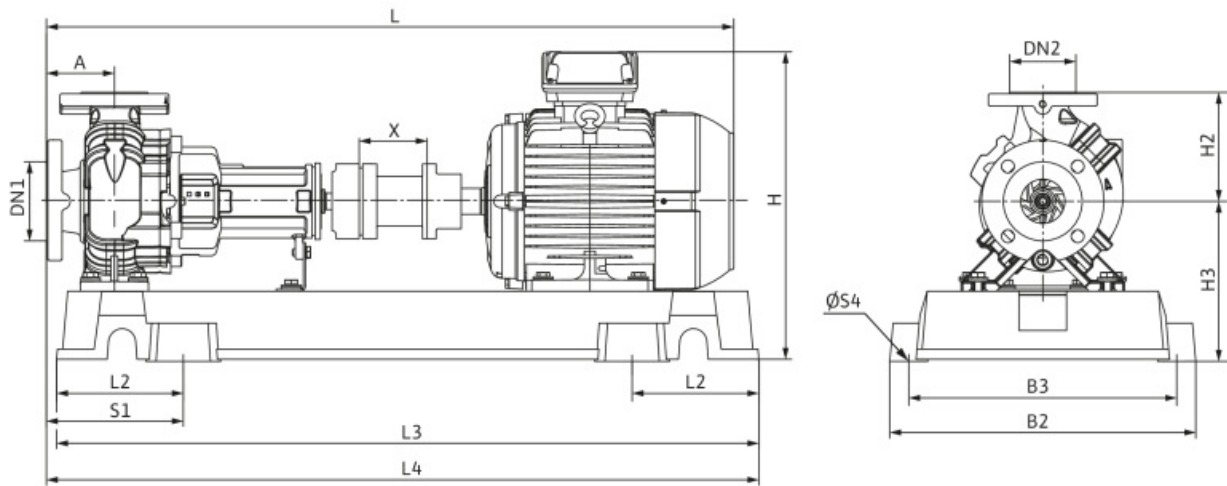
Dimensions

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Coupling with spacer

Suction side DN 65, PN 16
Discharge side DN 50, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	100	H3	243	X	100		
B2	390	L	889				
B3	350	L2	165				
DN1	DN 65, PN 16	L3	930				
DN2	DN 50, PN 16	L4	955				
H	400	S1	190				
H2	180	S4	19				