

Technical data

Glanded standard pump Atmos GIGA-N 40/125-0.75/4-IE4

Project ID

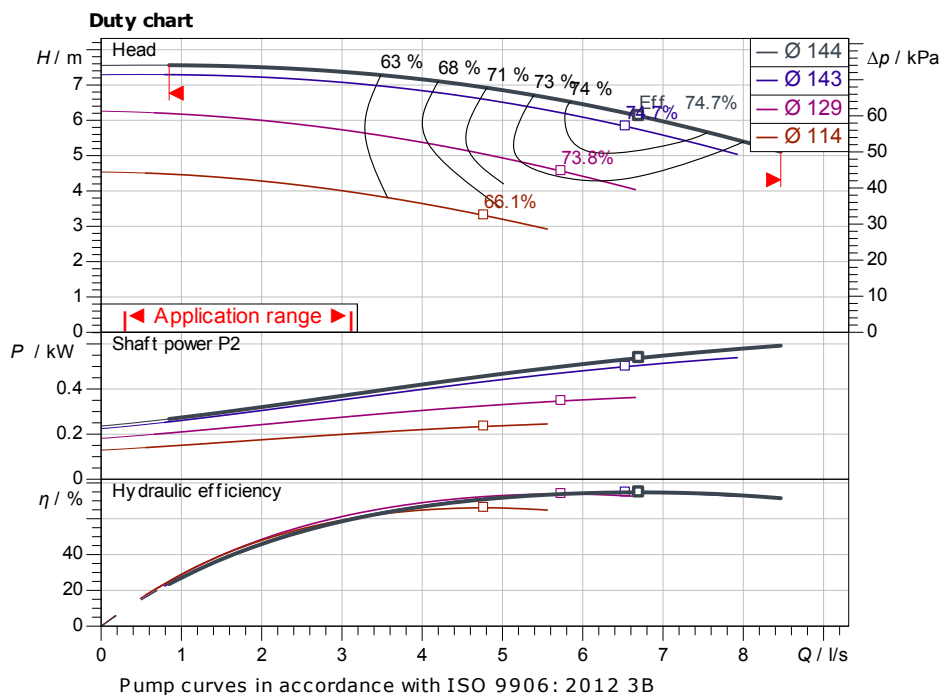
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Project name

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 P2	
Hydraulic efficiency	
NPSH	
Impeller size	144

Product data

Glanded standard pump	
Atmos GIGA-N 40/125-0.75/4-IE4	
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	1,460 1/min
Rated power P2	0.75 kW
Rated current	1.64 A
Power factor	0.77
Efficiency	
50% / 75% / 100%	82.8/84.7/85.7%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

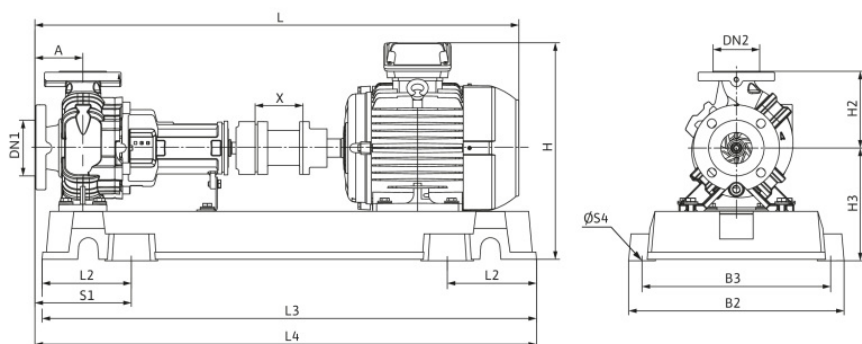
Pipe connection on the suction side	DN 65, PN 16
Pipe connection (pressure side)	DN 40, PN 16
Port to Port	

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	344	L3	830
B2	360	H2	140	L4	835
B3	320	H3	195	S1	150
DN1	DN 65, P	L	869	S4	19
DN2	DN 40, P	L2	145	X	100

Hydraulic data

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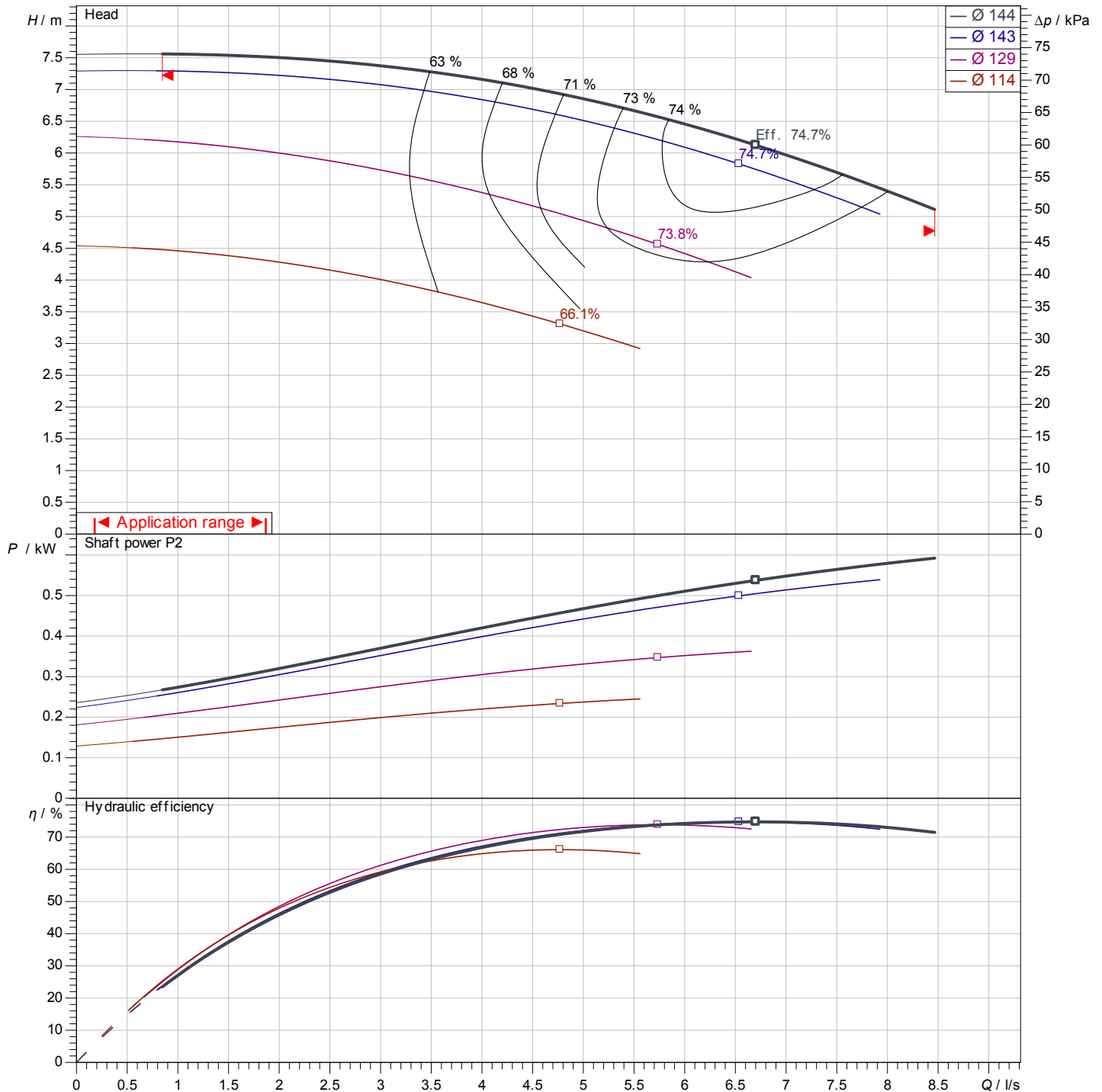
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1442 1/min	50 Hz	Q =	H =	DN 65	DN 40

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

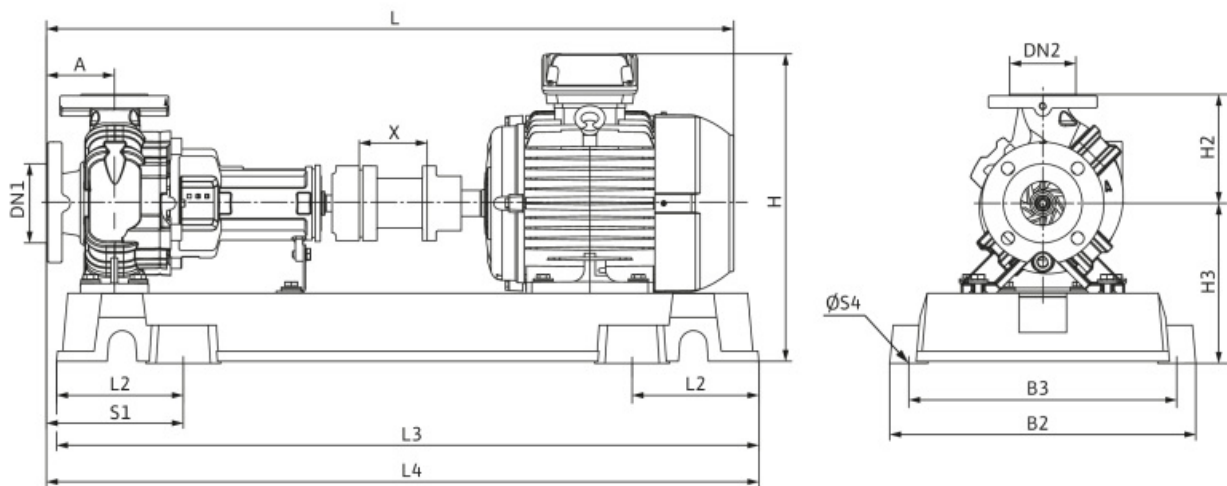
Dimensions

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Atmos GIGA-N 40/125-0.75/4-IE4

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Coupling with spacer

Suction side DN 65, PN 16
Discharge side DN 40, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	80	H3	195	X	100		
B2	360	L	869				
B3	320	L2	145				
DN1	DN 65, PN 16	L3	830				
DN2	DN 40, PN 16	L4	835				
H	344	S1	150				
H2	140	S4	19				