

Technical data

Glanded standard pump Atmos GIGA-N 125/315-B-IE4

Project ID

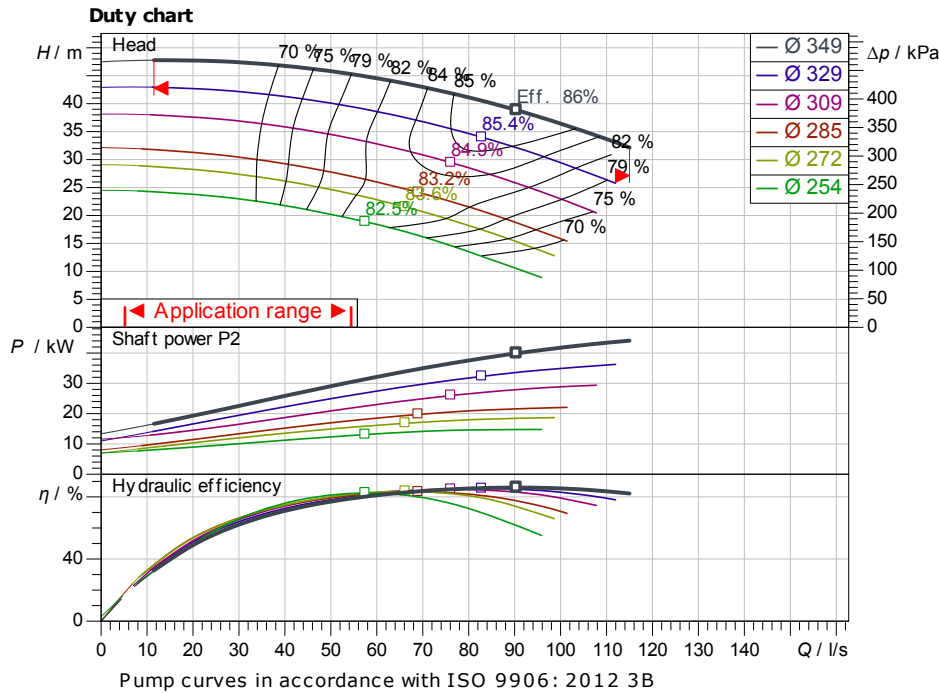
Untitled project 2025-03-01 20:23:09.313

Project name

Installation location

Customer pos. No.

Date 2025-03-01



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	349

Product data

Glanded standard pump	
Atmos GIGA-N 125/315-B-IE4	
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +140 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	

Motor data per Motor/Pump

Motor efficiency level	
Mains connection	V / Hz
Permitted voltage tolerance	
Max. speed	
Rated power P2	
Rated current	
Power factor	
Efficiency	50 % / 75 % / 100 %
Degree of protection	//%
Insulation class	
Motor protection	

Fitting dimensions

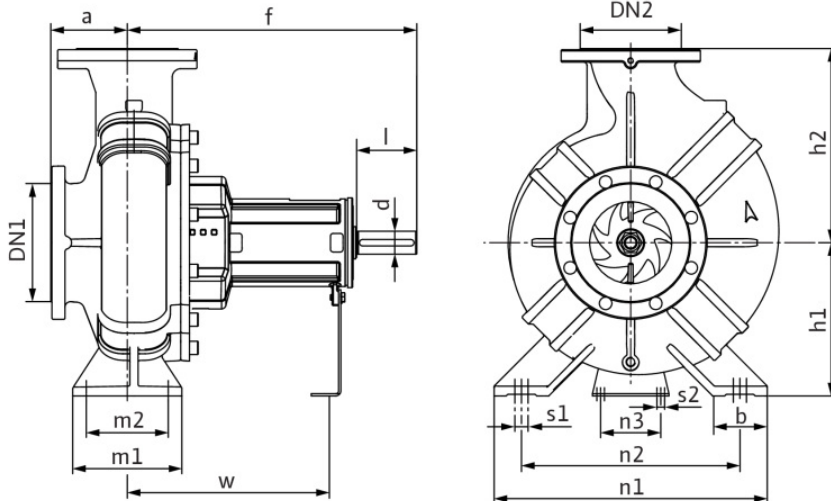
Pipe connection on the suction side	DN 150, PN 16
Pipe connection (pressure side)	DN 125, PN 16
Port to Port	

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.	
Item number	



Dimensions

mm

a	140	DN2	DN 125,	h2	355	n2	400
b	100	f	530	l	110	n3	110
d	42	h1	280	m1	200	Ø k	240
dL	23	h1	280	m2	150	Ø d	211
DN1	DN 150,	h2	355	n1	500	Ø D	285

Hydraulic data

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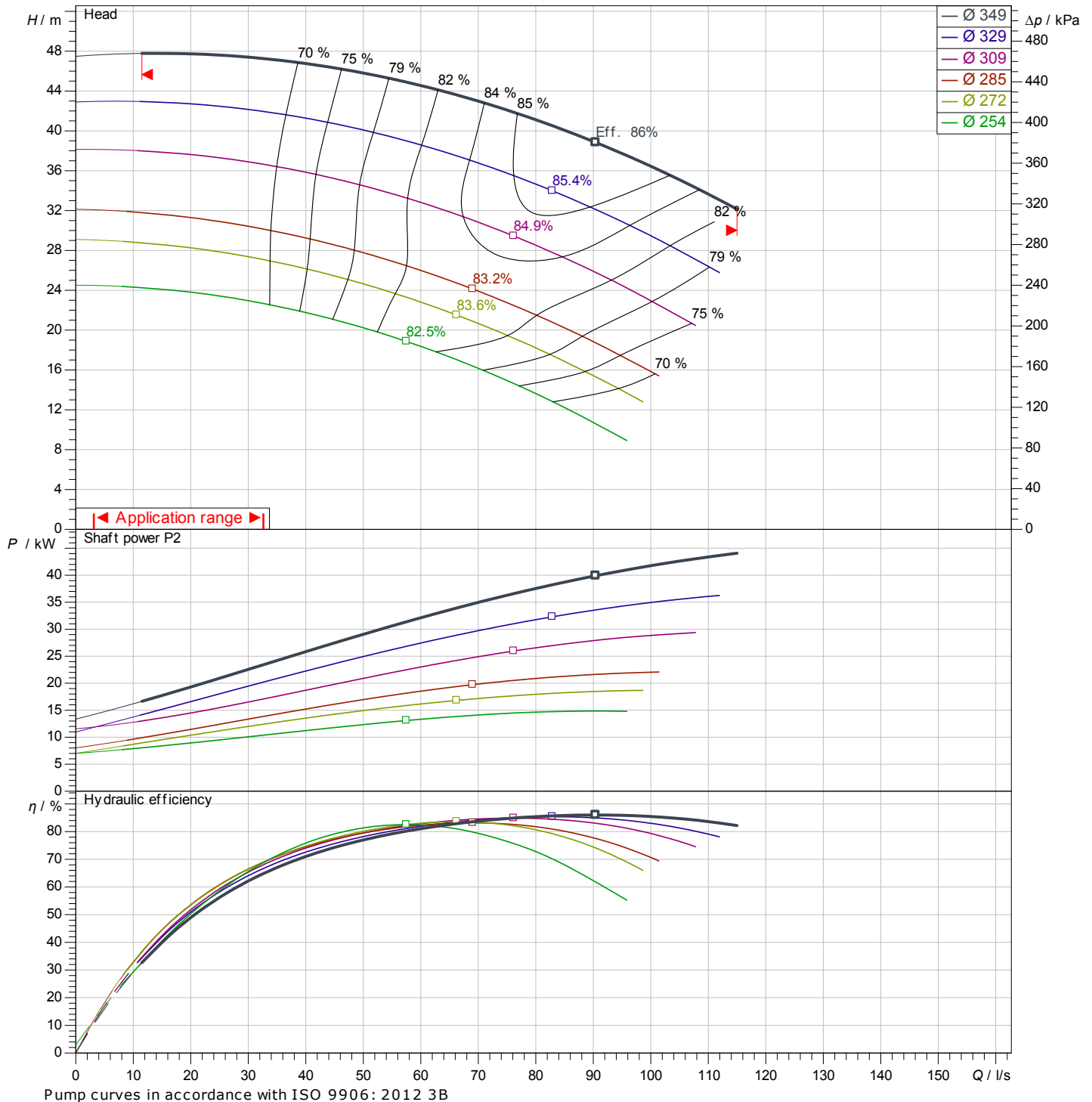
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1483 1/min	Hz	Q =	H =	DN 150	DN 125

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

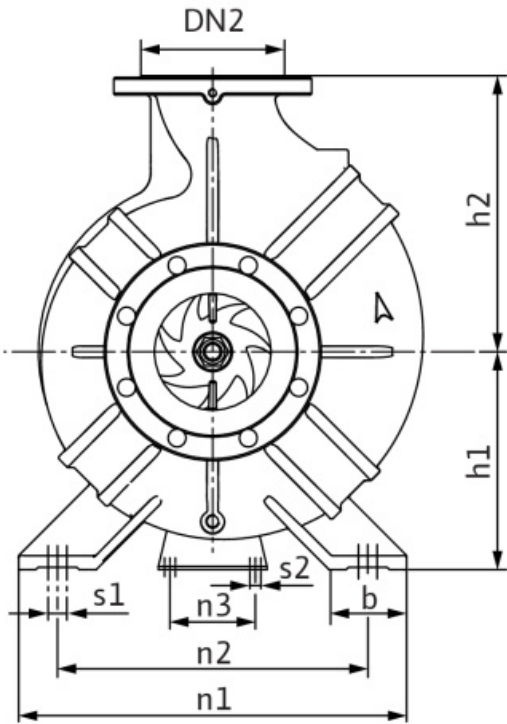
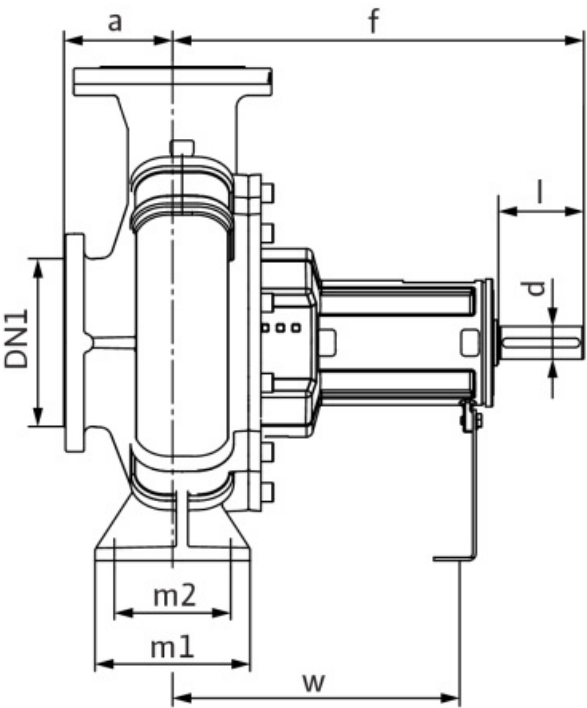
Dimensions

Glanded standard pump
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Bareshaft

Suction side DN 150, PN 16

Discharge side DN 125, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	140	h1	280	n1	500	s2	12
b	100	h1	280	n2	400	w	370
d	42	h2	355	n3	110	x	140
dL	23	h2	355	Ø k	240		
DN1	DN 150, PN 16	l	110	Ø d	211		
DN2	DN 125, PN 16	m1	200	Ø D	285		
f	530	m2	150	s1	20		