

Technical data

Glanded standard pump

Atmos GIGA-N 50/125-4-B

Project ID

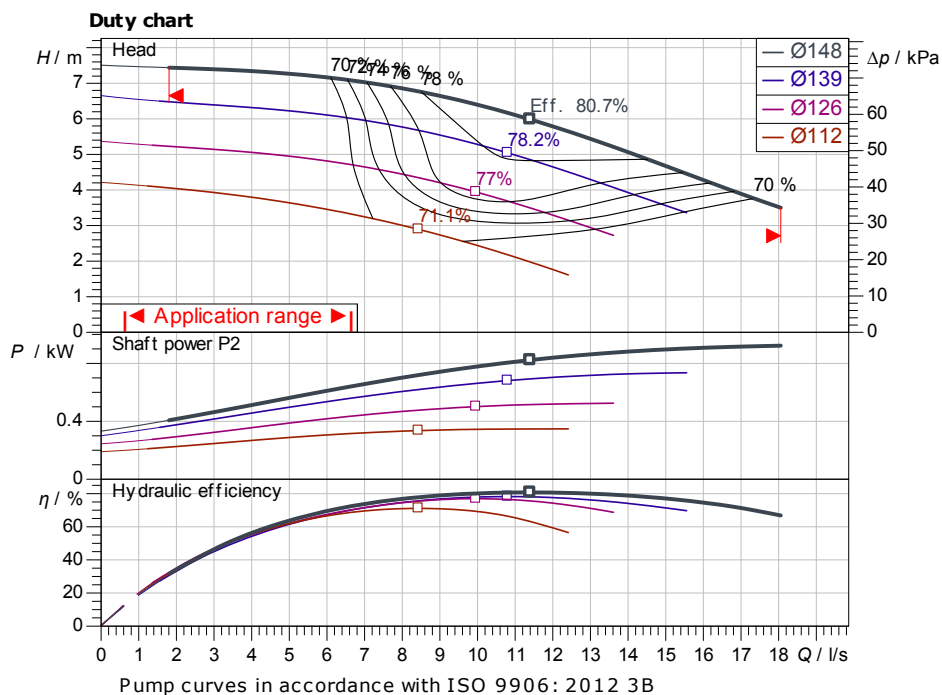
Untitled project 2025-03-01 20:23:09.313

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/m³
Kin. viscosity	1.00 mm²/s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	
Impeller size	148

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)	

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

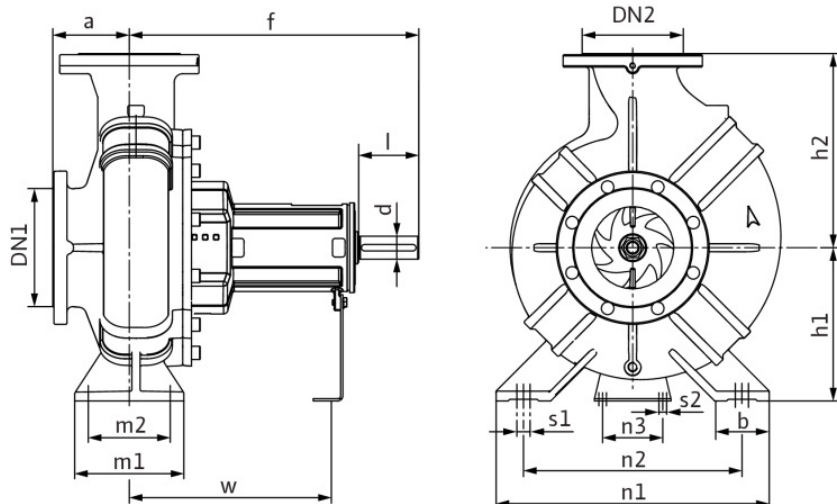
Pipe connection on the suction side	DN 65, PN 16
Pipe connection (pressure side)	DN 50, PN 16
Port to Port	

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.	
Item number	6090534



Dimensions

mm

a	100	DN2	DN 50, P	h2	160	n2	190
b	50	f	360	l	50	n3	110
d	24	h1	132	m1	100	Ø k	145
dL	19	h1	132	m2	70	Ø d	118
DN1	DN 65, P	h2	160	n1	240	Ø D	185

Hydraulic data

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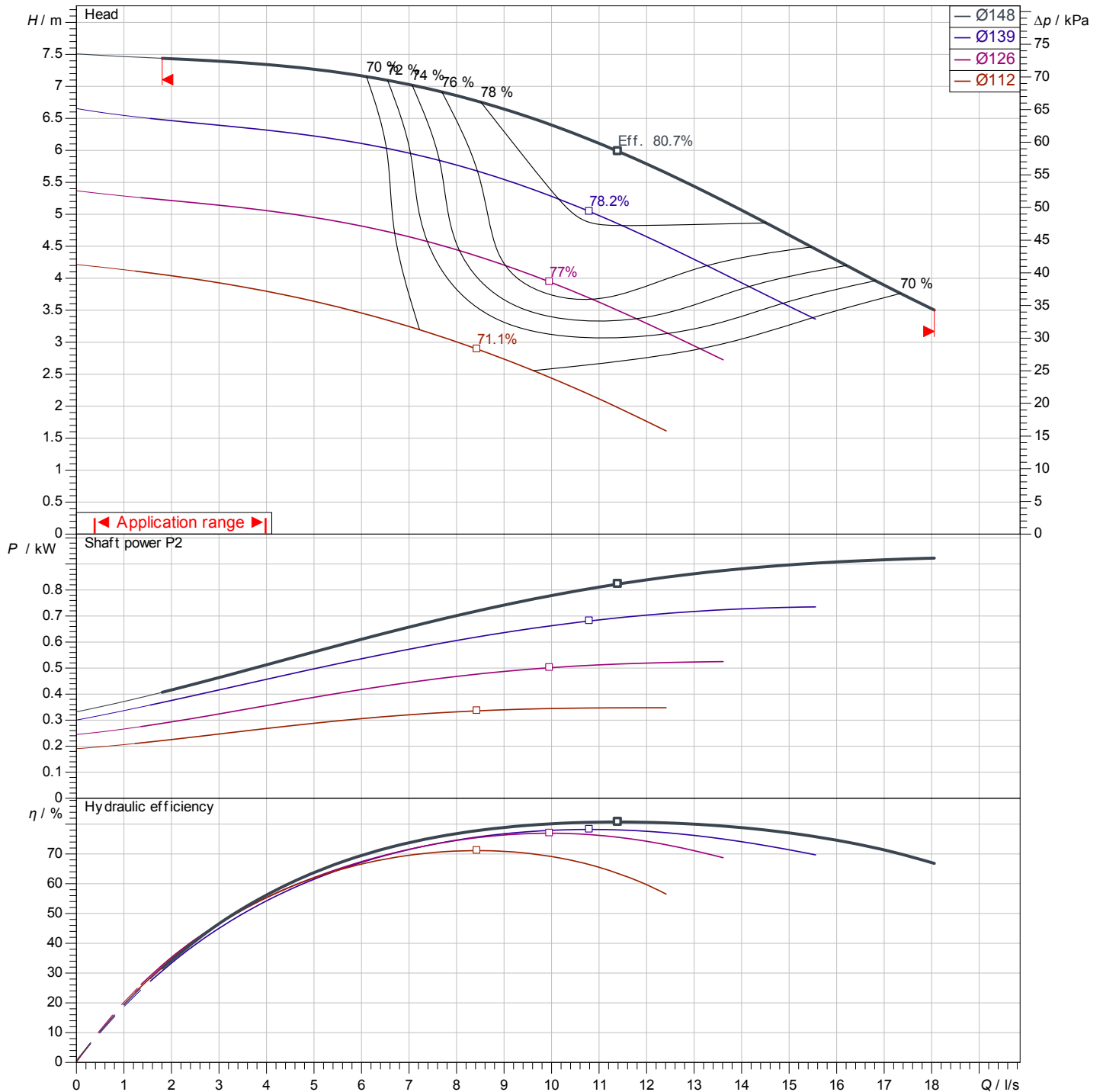
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Operating data

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

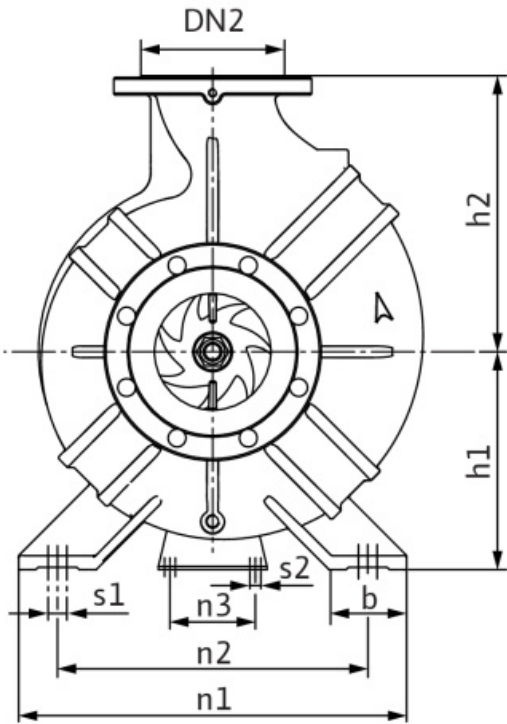
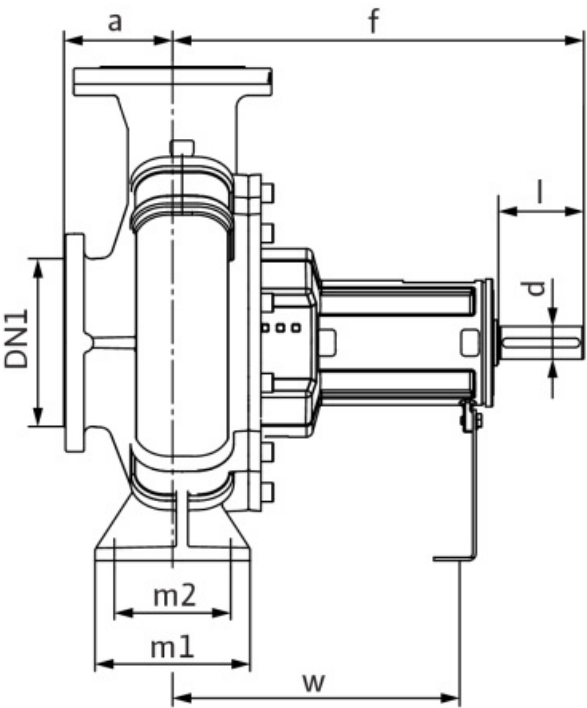
Dimensions

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Bareshaft

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

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	100	h1	132	n1	240	s2	12
b	50	h1	132	n2	190	w	260
d	24	h2	160	n3	110	x	100
dL	19	h2	160	Ø k	145		
DN1	DN 65, PN 16	l	50	Ø d	118		
DN2	DN 50, PN 16	m1	100	Ø D	185		
f	360	m2	70	s1	12		