

Technical data

Glanded standard pump Atmos GIGA-N 32/200-4-B

Project ID

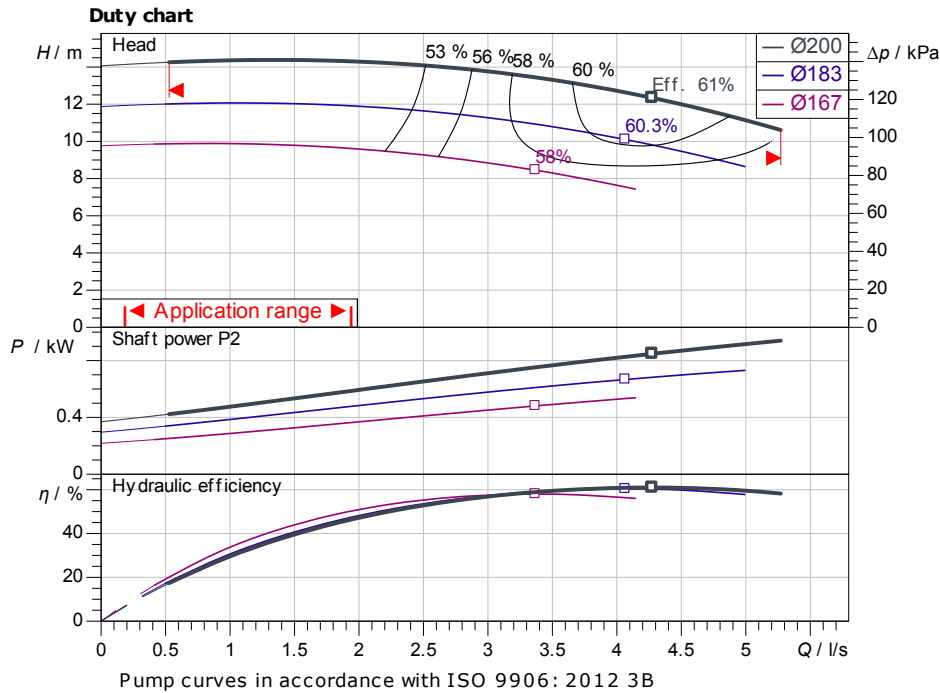
Untitled project 2025-03-01 20:23:09.313

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	200

Product data

Glanded standard pump	
Atmos GIGA-N 32/200-4-B	
Max. operating pressure	1,600 kPa
Fluid temperature	-20 °C ... +140 °C
Max. ambient temperature	40 °C
Minimum efficiency index (MEI)	

Motordata 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

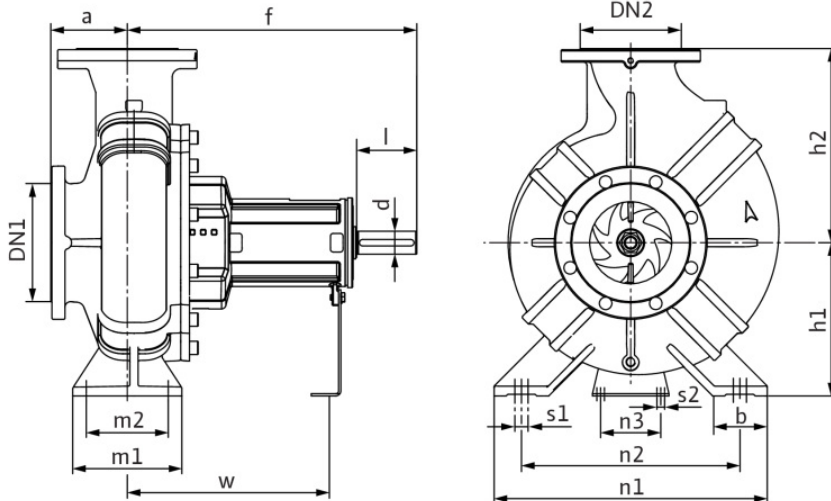
Pipe connection on the suction side	DN 50, PN 16
Pipe connection (pressure side)	DN 32, PN 16
Port to Port	

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.	
Item number	6090540



Dimensions

mm

a	80	DN2	DN 32, P	h2	180	n2	190
b	50	f	360	l	50	n3	110
d	24	h1	160	m1	100	Ø k	125
dL	19	h1	160	m2	70	Ø d	99
DN1	DN 50, P	h2	180	n1	240	Ø D	165

Hydraulic data

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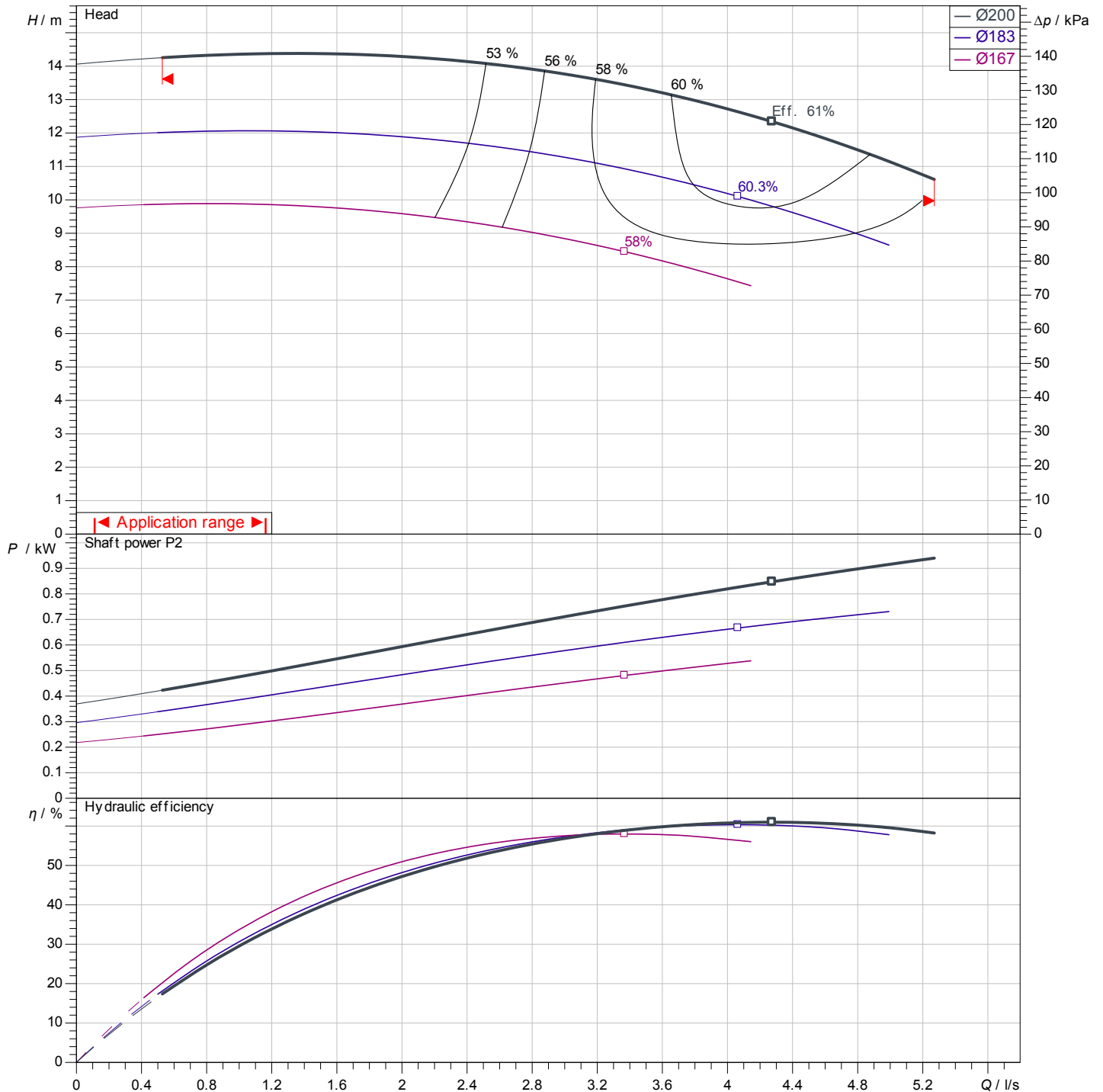
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
1435 1/min	Hz	Q =	H =	DN 50	DN 32

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

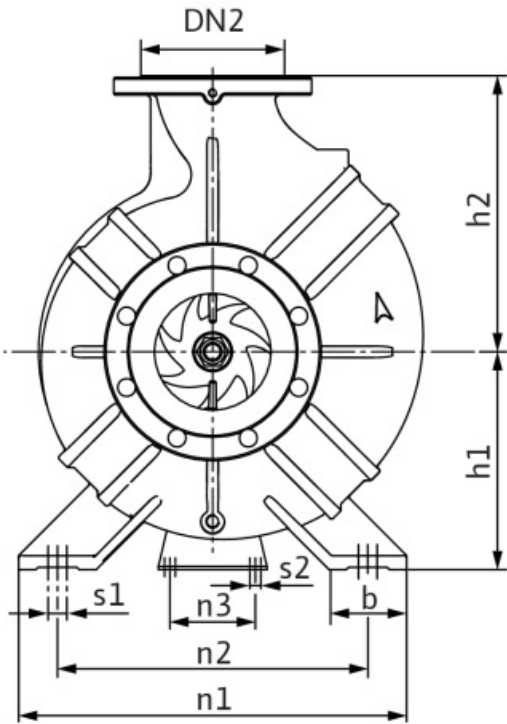
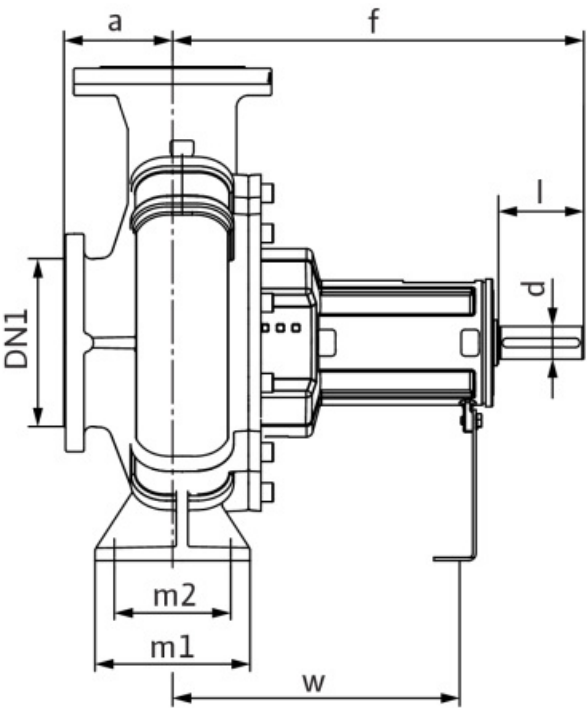
Dimensions

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Bareshaft

Suction side DN 50, PN 16

Discharge side DN 32, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
a	80	h1	160	n1	240	s2	12
b	50	h1	160	n2	190	w	260
d	24	h2	180	n3	110	x	100
dL	19	h2	180	Ø k	125		
DN1	DN 50, PN 16	l	50	Ø d	99		
DN2	DN 32, PN 16	m1	100	Ø D	165		
f	360	m2	70	s1	12		