

Customer

Technical data

Glanded standard pump

Atmos GIGA-N 40/200-2.2/4-IE4

Project ID

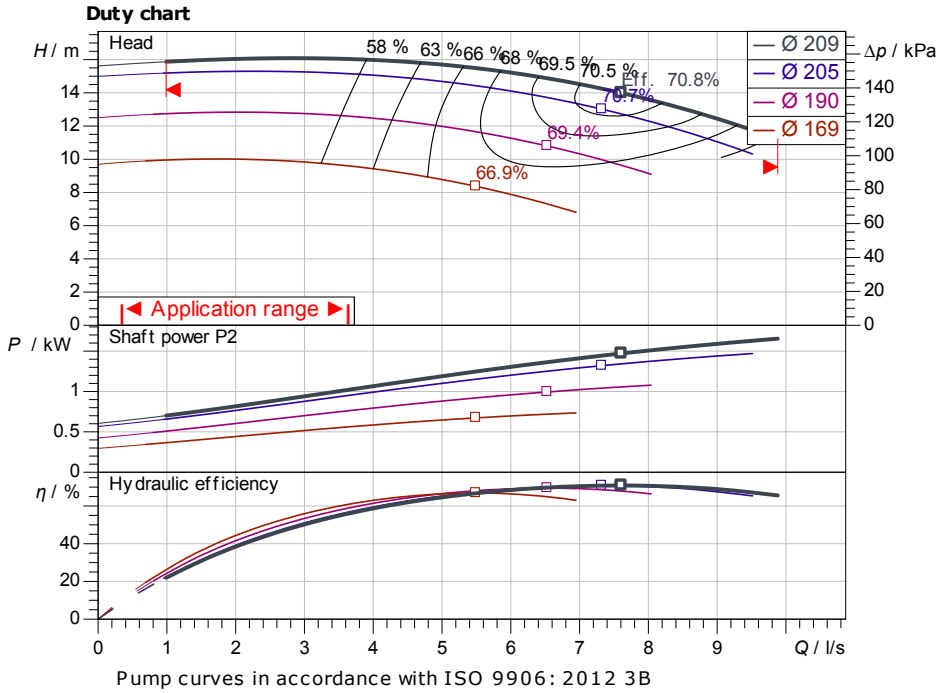
Untitled project 2025-03-03 06:26:03.775

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	209

Product data

Glanded standard pump	
Atmos GIGA-N 40/200-2.2/4-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	1,465 1/min
Rated power P2	2.20 kW
Rated current	4.73 A
Power factor	0.75
Efficiency	
50% / 75% / 100%	87/88.5/89.5%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

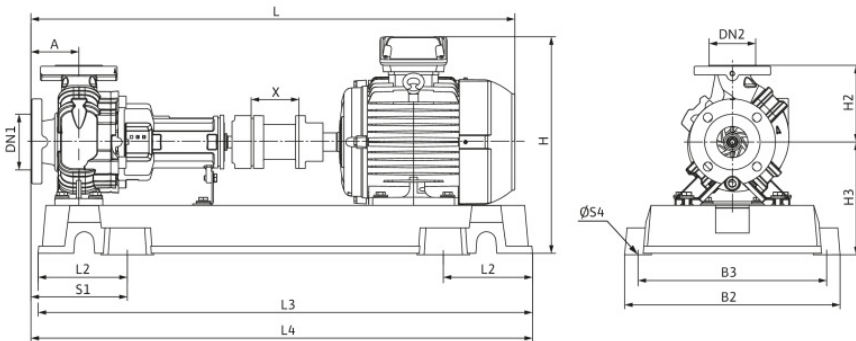
Pipe connection on the suction side	DN 65, PN 16
Pipe connection (pressure side)	DN 40, PN 16
Port to Port	

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.	150.1 kg
Item number	



Dimensions

mm

A	100	H	435	L3	930
B2	390	H2	180	L4	955
B3	350	H3	243	S1	190
DN1	DN 65, P	L	954	S4	19
DN2	DN 40, P	L2	165	X	100



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Hydraulic data

Glanded standard pump
Atmos GIGA-N 40/200-2.2/4-IE4

Project ID: Untitled project 2025-03-03 06:26:03.775

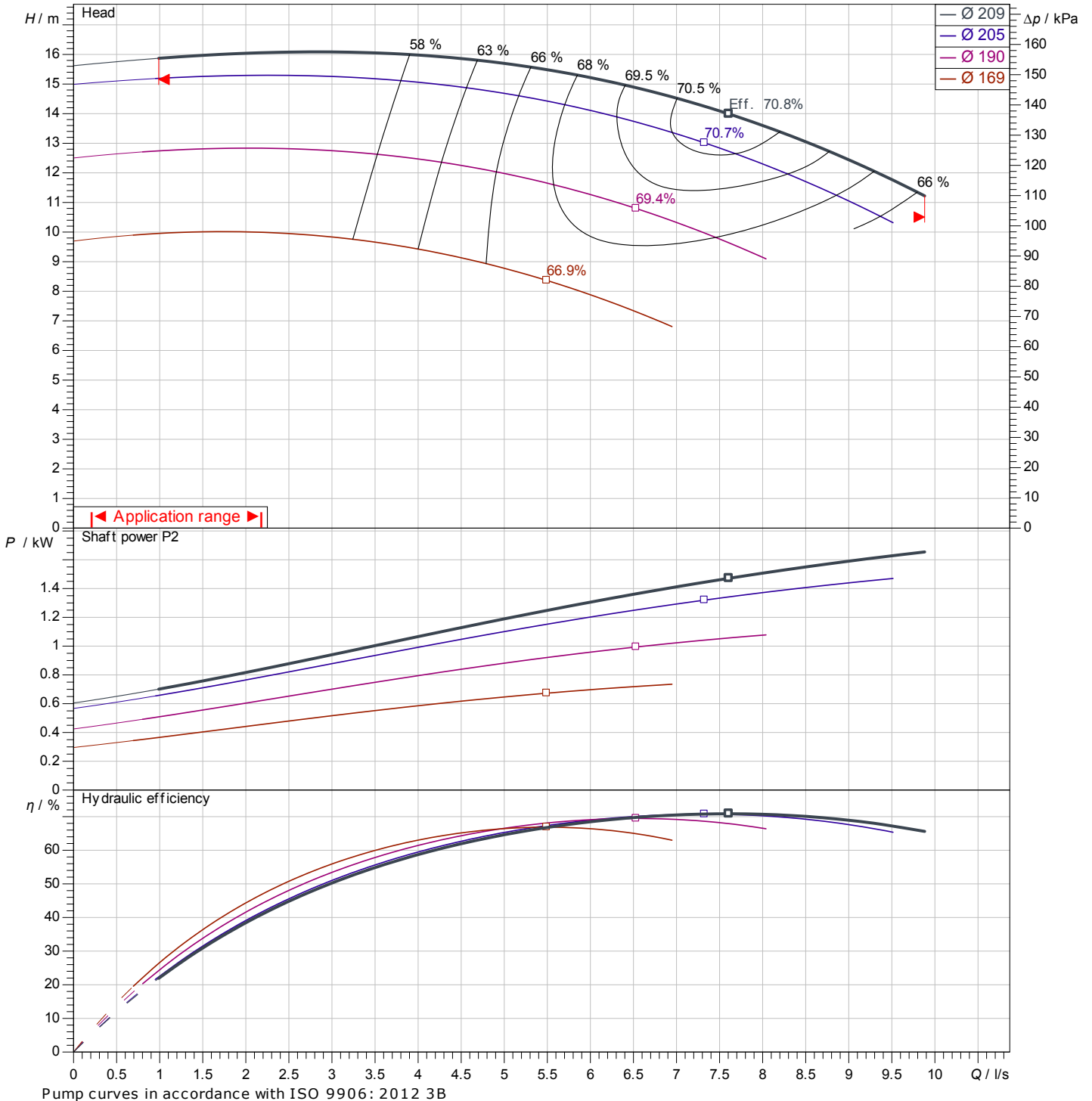
Project name
Installation location
Customer pos. No.

Date: 2025-03-03

Operating data

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

Glanded standard pump
Atmos GIGA-N 40/200-2.2/4-IE4

Project ID Untitled project 2025-03-03 06:26:03.775

Project name
Installation location
Customer pos. No.

Date 2025-03-03



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	100	H3	243	X	100		
B2	390	L	954				
B3	350	L2	165				
DN1	DN 65, PN 16	L3	930				
DN2	DN 40, PN 16	L4	955				
H	435	S1	190				
H2	180	S4	19				