

Technical data

Glanded standard pump

Atmos GIGA-NHT 80/200-3/4-S2

Project ID

Untitled project 2025-03-01 20:45:47.557

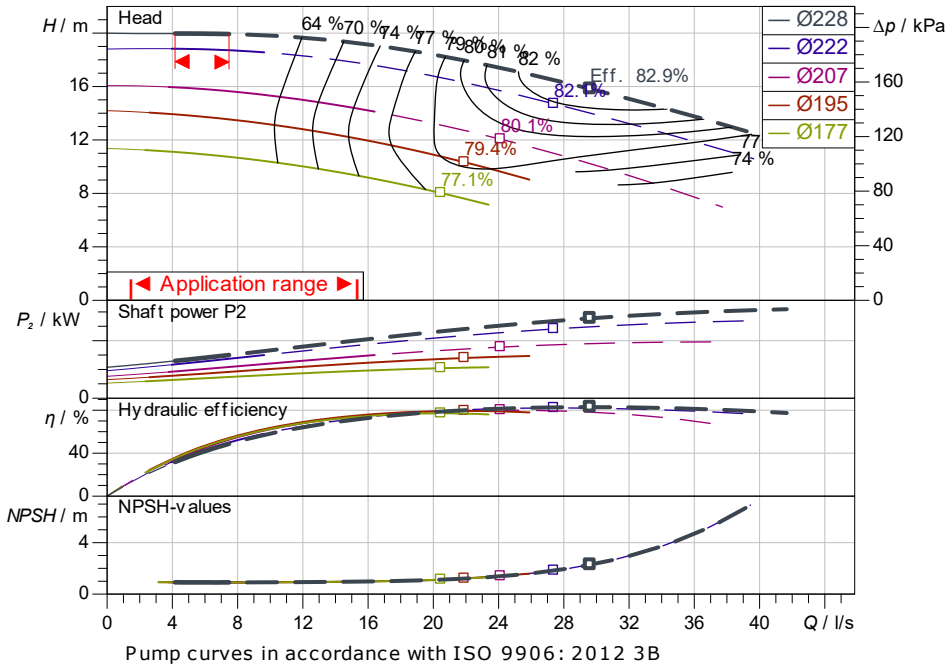
Project name

Installation location

Customer pos. No.

Date 2025-03-01

Duty chart



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	228

Product data

Glanded standard pump	
Atmos GIGA-NHT 80/200-3/4-S2	
Max. operating pressure	2,500 kPa
Fluid temperature	-20 °C ... +350 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	

Motor data per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+10 %
Max. speed	1,455 1/min
Rated power P2	3.00 kW
Rated current	6.07 A
Power factor	0.74
Efficiency	
50% / 75% / 100%	87/88/88%
Degree of protection	IP55
Insulation class	F
Motor protection	No

Fitting dimensions

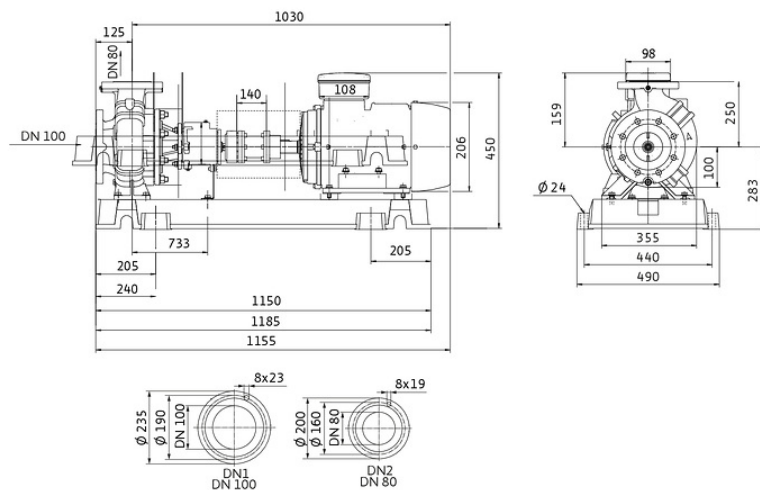
Pipe connection on the suction side	DN 100, PN 25
Pipe connection (pressure side)	DN 80, PN 25
Port to Port	

Materials

Pump housing	EN-GJS-400-15
Impeller	EN-GJL-200
Shaft	1.4028
Shaft seal	AQ1VGG

Information for order placements

Weight approx.	
Item number	6095336



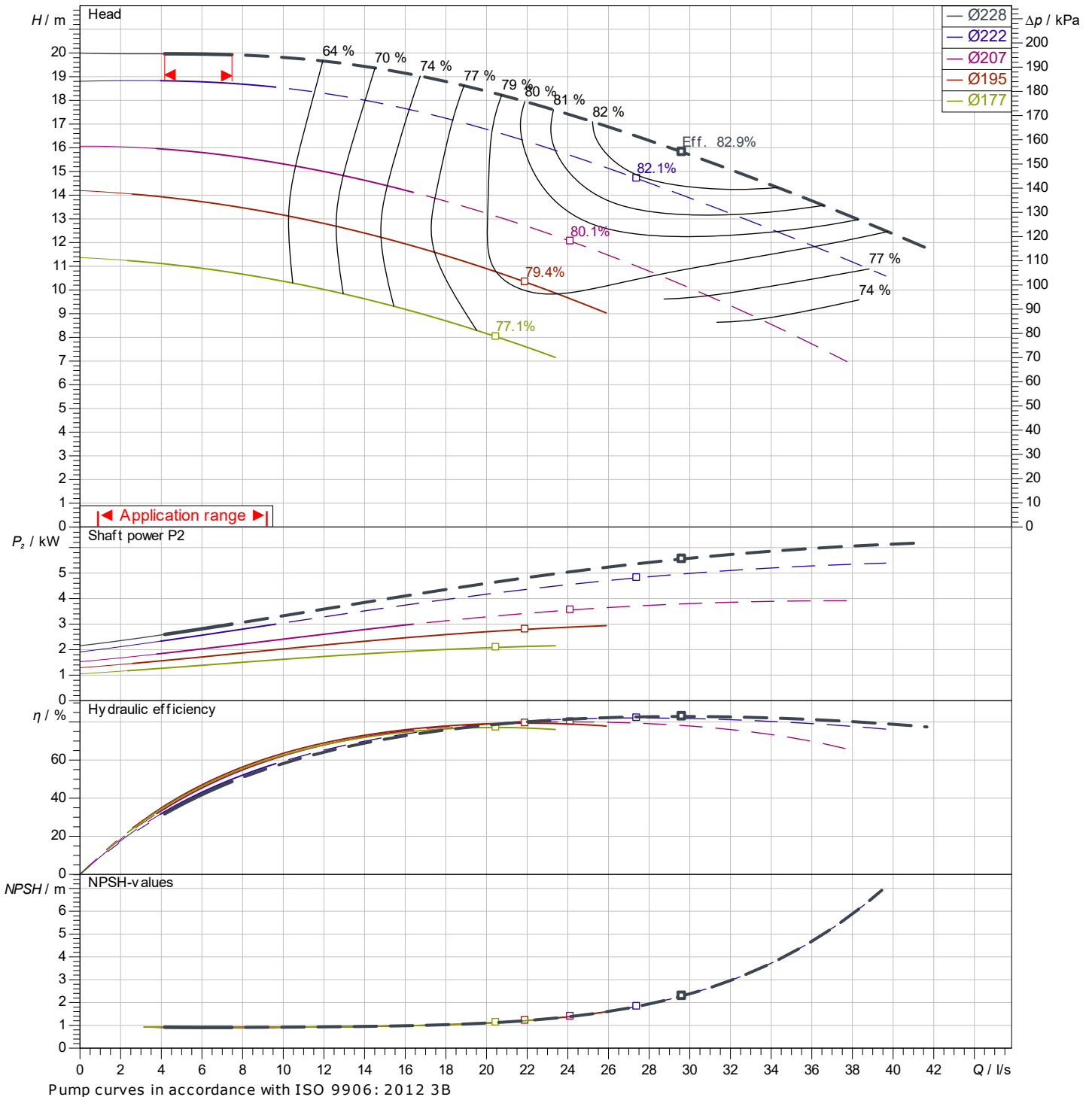
Dimensions

mm

Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
1473 1/min	50 Hz	Q =		DN 100	DN 80

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

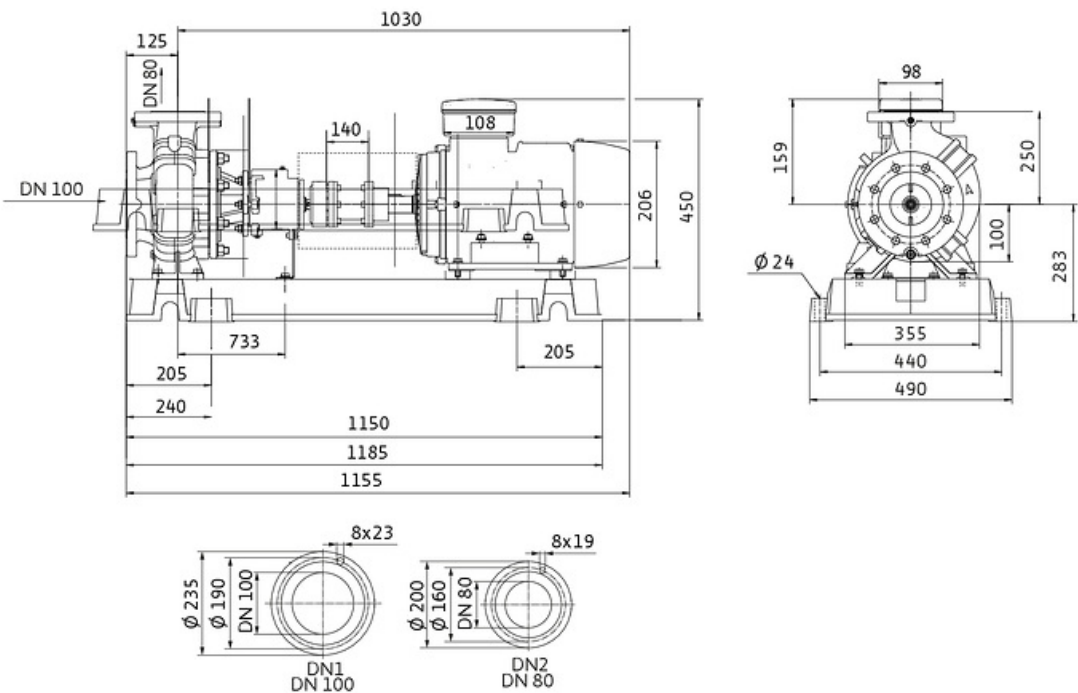
Dimensions

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Atmos GIGA-NHT 80/200-3/4-S2

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Standard

Suction side DN 100, PN 25
Discharge side DN 80, PN 25

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
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