

Technical data

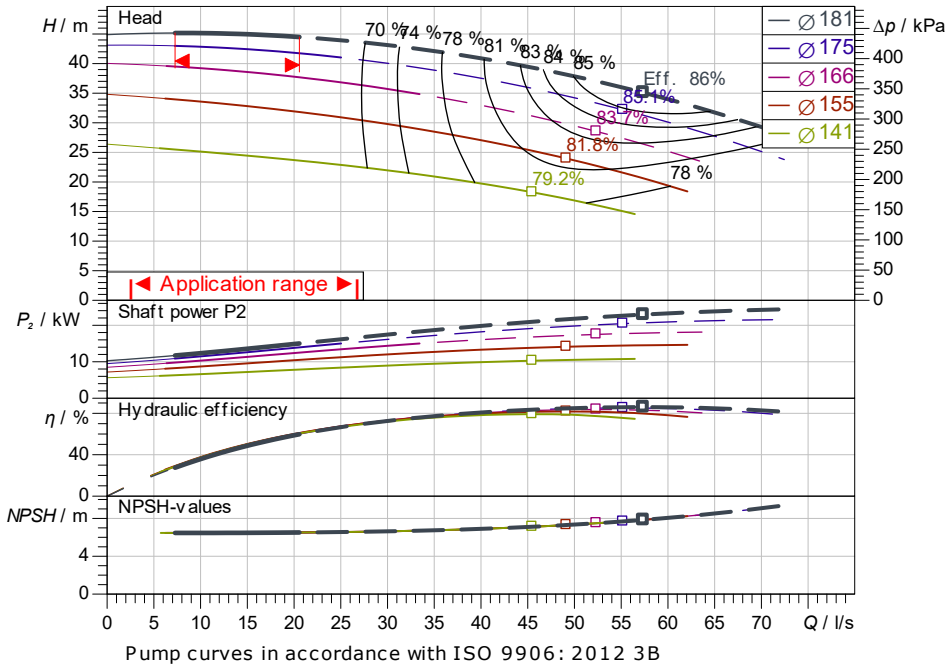
Glanded standard pump Atmos GIGA-NHT 80/160-15/2-S2

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
Fluid temperature Water 100 %
Density 20.00 °C
Kin. viscosity 998.30 kg/m³
1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH
Impeller size 181

Product data

Glanded standard pump
Atmos GIGA-NHT 80/160-15/2-S2
Max. operating pressure 2,500 kPa
Fluid temperature -20 °C ... +350 °C
Max. ambient temperature 50 °C
Minimum efficiency index (MEI)

Motordata per Motor/Pump

Motor efficiency level IE3
Mains connection 3~ 400 V / 50 Hz
Permitted voltage tolerance +10 %
Max. speed 2,945 1/min
Rated power P2 15.00 kW
Rated current 27.70 A
Power factor 0.79
Efficiency 50 % / 75 % / 100 % 90.9/91.8/92.1 %
Degree of protection IP55
Insulation class F
Motor protection PTC integrated

Fitting dimensions

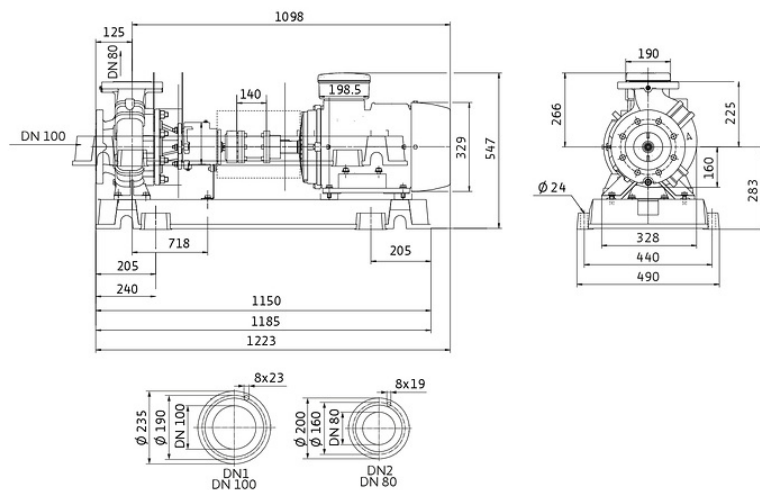
Pipe connection on the suction side DN 100, PN 25
Pipe connection (pressure side) DN 80, PN 25
Port to Port

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 6095326



Dimensions mm

Hydraulic data

Glanded standard pump
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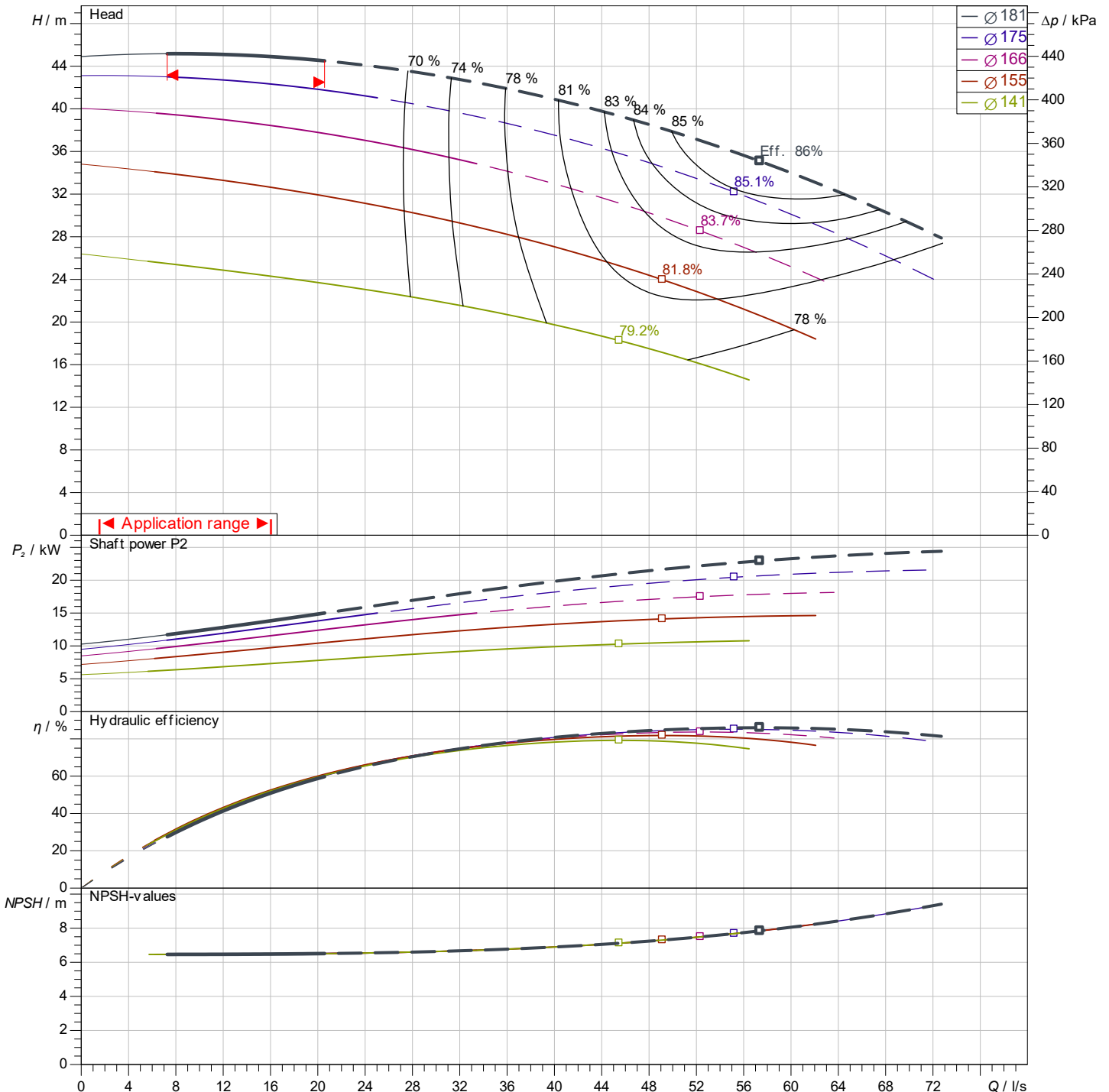
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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
2965 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

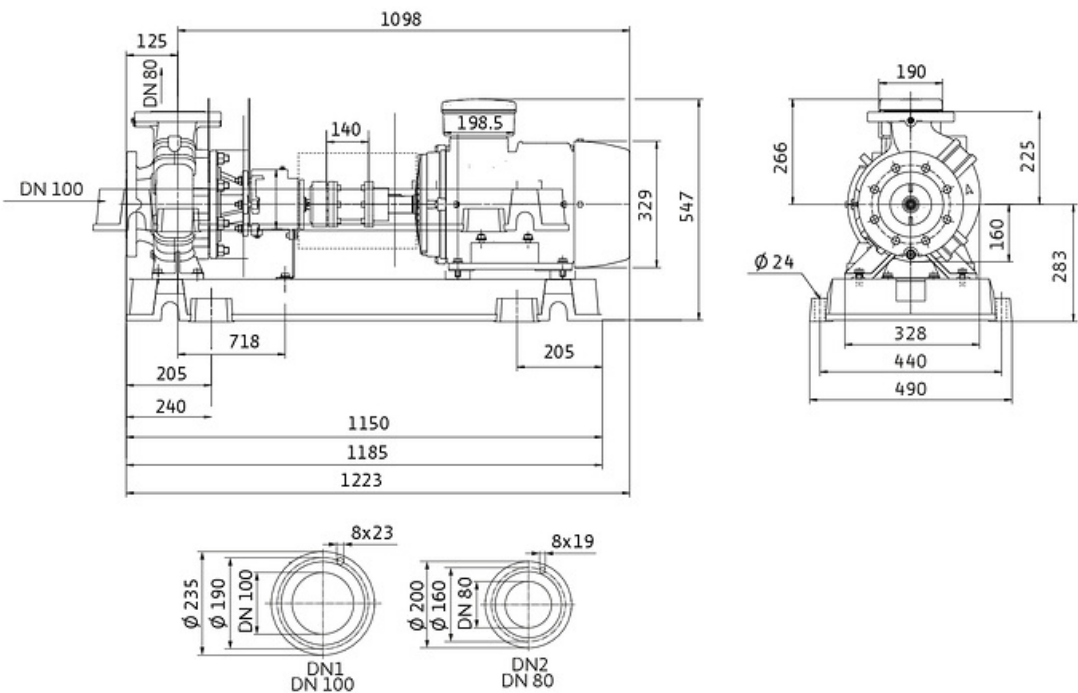
Dimensions

Glanded standard pump
Atmos GIGA-NHT 80/160-15/2-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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