

Technical data

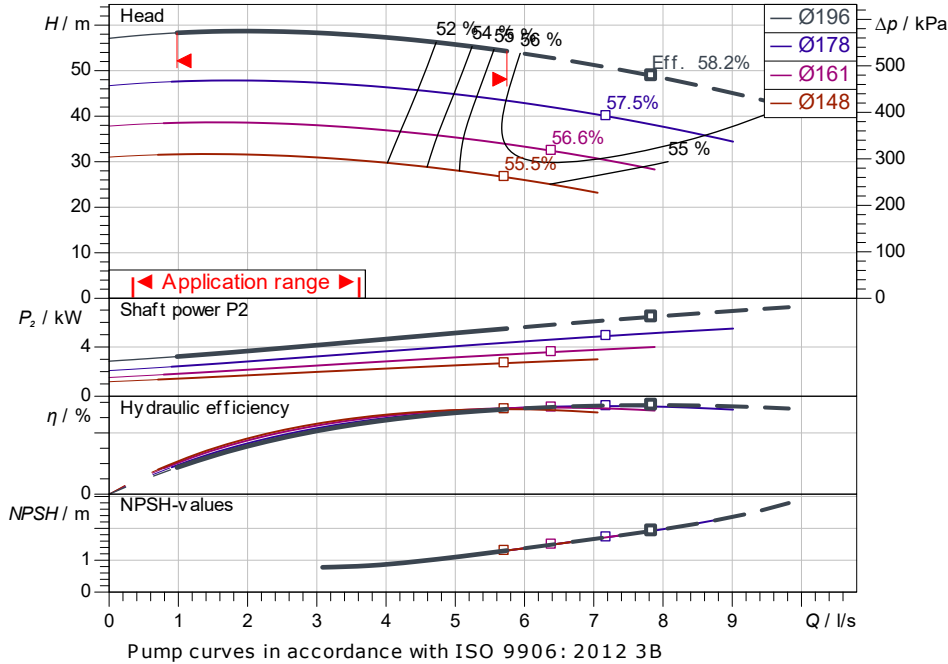
Glanded standard pump Atmos GIGA-NHT 32/200-5.5/2-S2

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 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 196

Product data

Glanded standard pump
Atmos GIGA-NHT 32/200-5.5/2-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 2,930 1/min
Rated power P2 5.50 kW
Rated current 10.60 A
Power factor 0.78
Efficiency 50 % / 75 % / 100 % 86.9/88.7/89.4 %
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

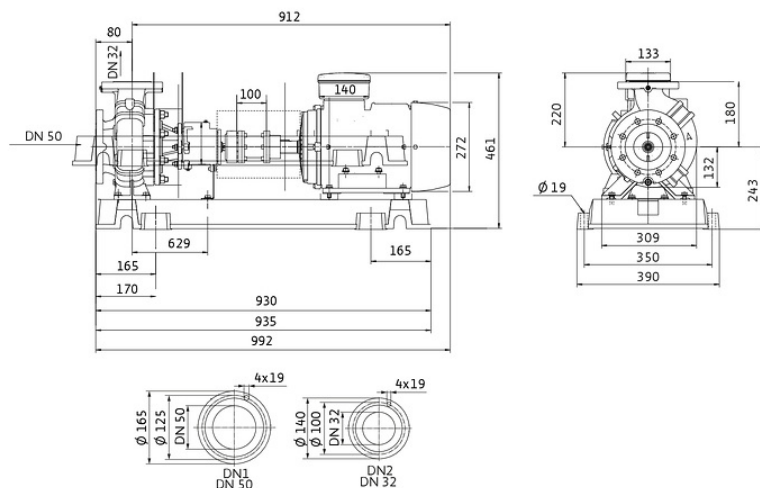
Pipe connection on the suction side DN 50, PN 25
Pipe connection (pressure side) DN 32, PN 25
Port to Port

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 6095350



Dimensions

mm

Hydraulic data

Glanded standard pump

Atmos GIGA-NHT 32/200-5.5/2-S2

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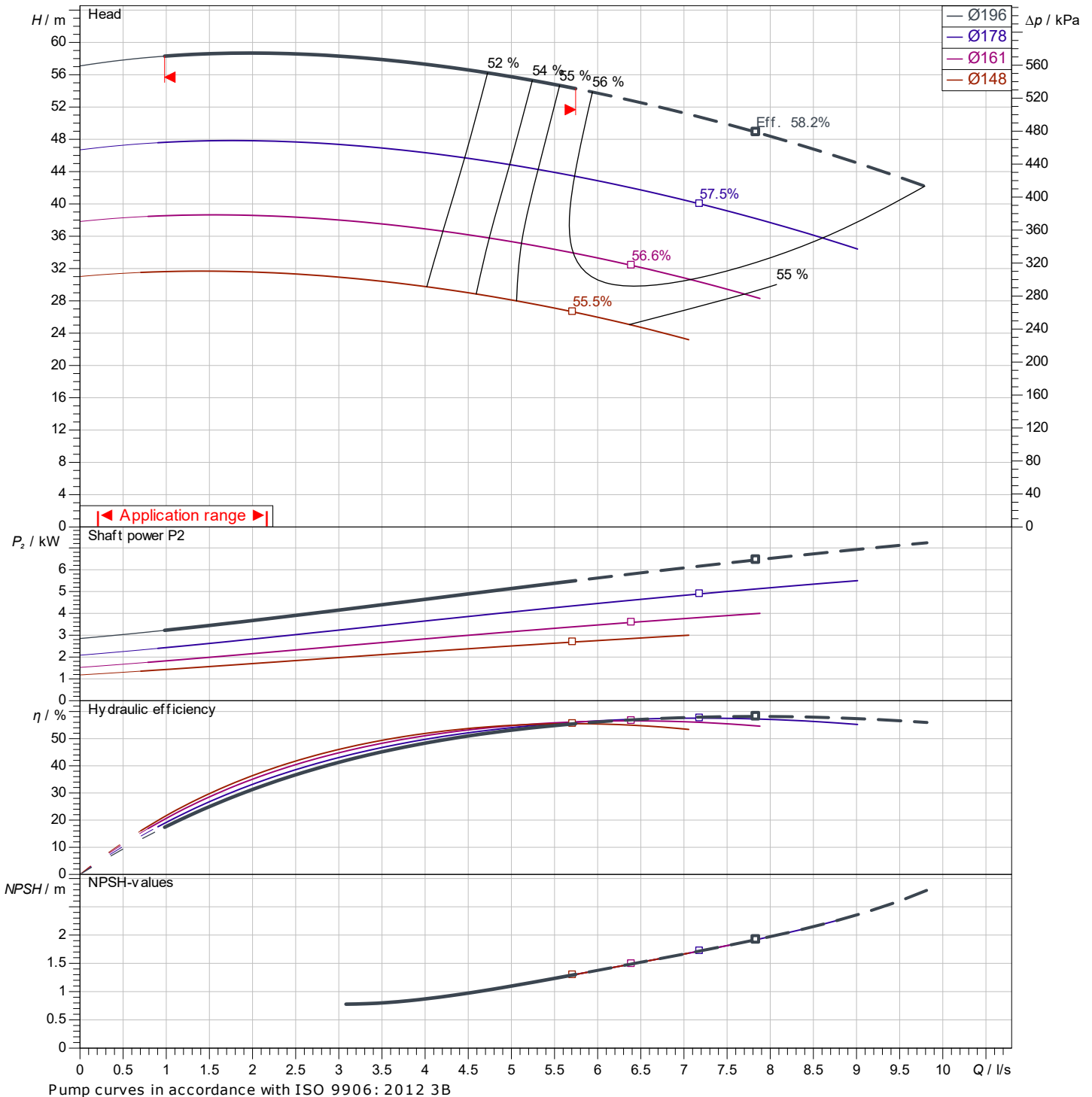
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Operating data

Rotational speed	Frequency	Duty point	H =	Suction port	Discharge port
2922 1/min	50 Hz	Q =		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



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Dimensions

Glanded standard pump
Atmos GIGA-NHT 32/200-5.5/2-S2

Project ID

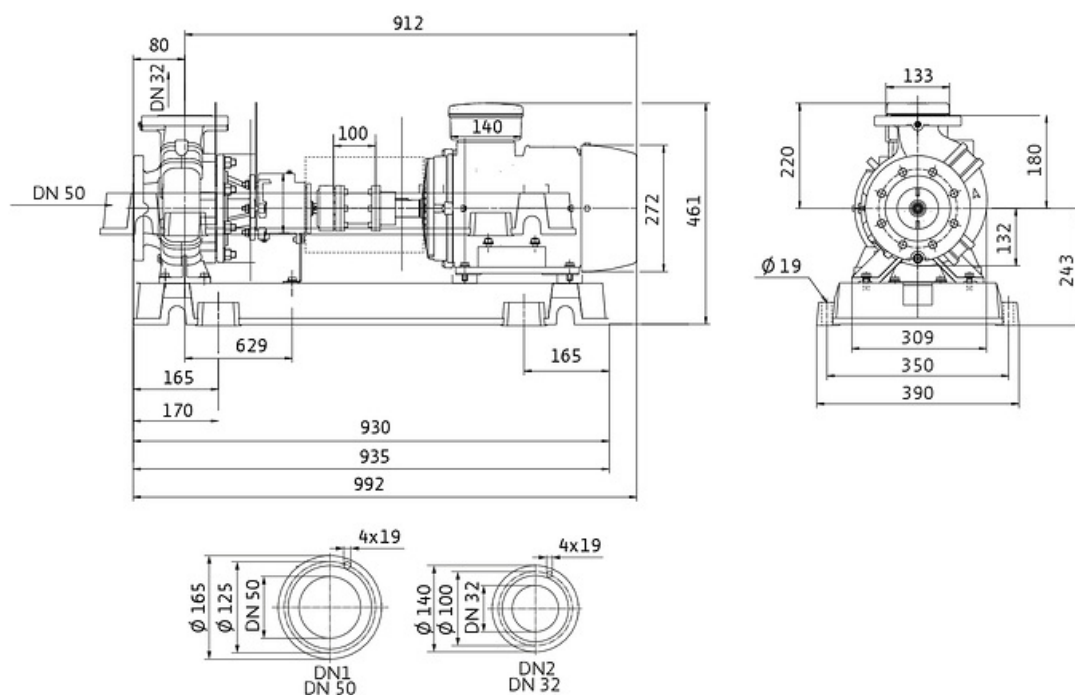
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Standard

Suction side DN 50, PN 25

Discharge side DN 32, PN 25

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
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