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Technical data

Glanded standard pump

Atmos GIGA-N 32/160-5.5/2-IE4

Project ID

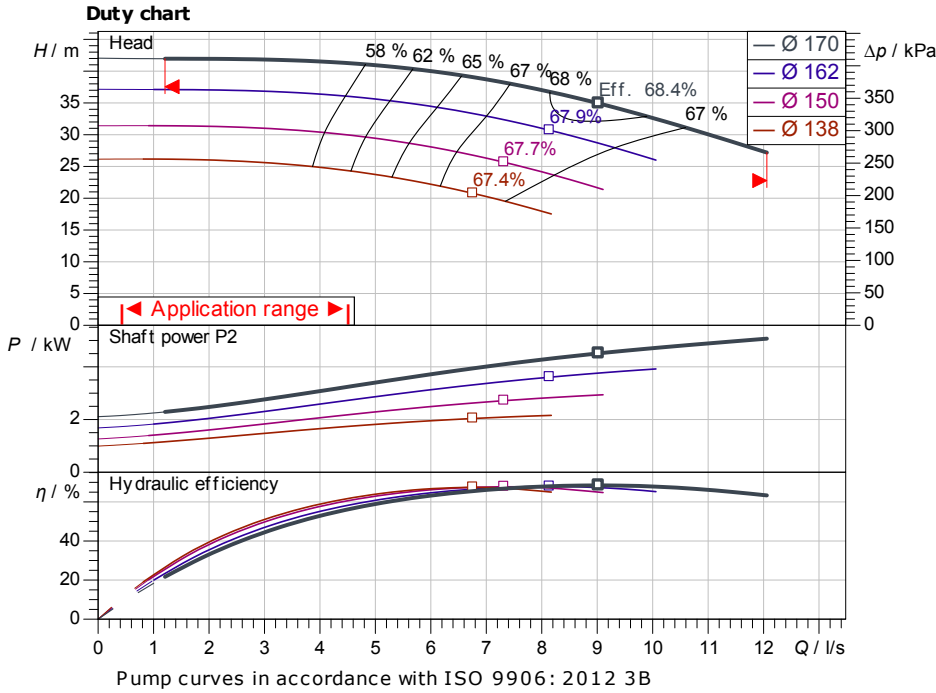
Untitled project 2025-03-03 06:26:03.775

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/m³
Kin. viscosity 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power P2
Hydraulic efficiency
NPSH
Impeller size 170

Product data

Glanded standard pump
Atmos GIGA-N 32/160-5.5/2-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 2,940 1/min
Rated power P2 5.50 kW
Rated current 10.20 A
Power factor 0.86
Efficiency 50% / 75% / 100% 87.3/90.6/90.9%
Degree of protection IP55
Insulation class F
Motor protection No

Fitting dimensions

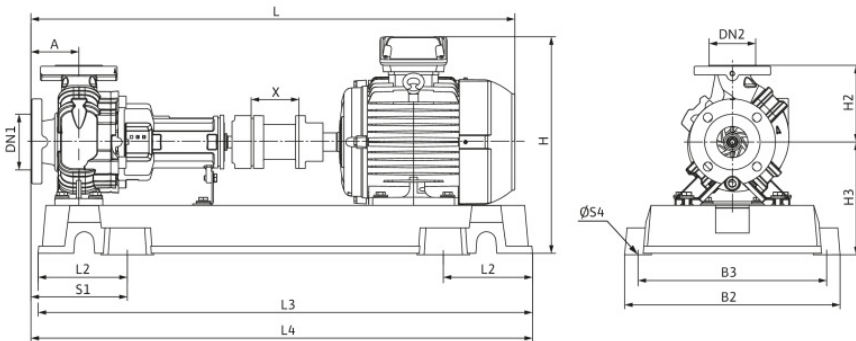
Pipe connection on the suction side DN 50, PN 16
Pipe connection (pressure side) DN 32, PN 16
Port to Port

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. 166.7 kg
Item number



Dimensions

mm

A	80	H	435	L3	930
B2	390	H2	160	L4	935
B3	350	H3	215	S1	170
DN1	DN 50, P	L	992	S4	19
DN2	DN 32, P	L2	165	X	100



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Hydraulic data

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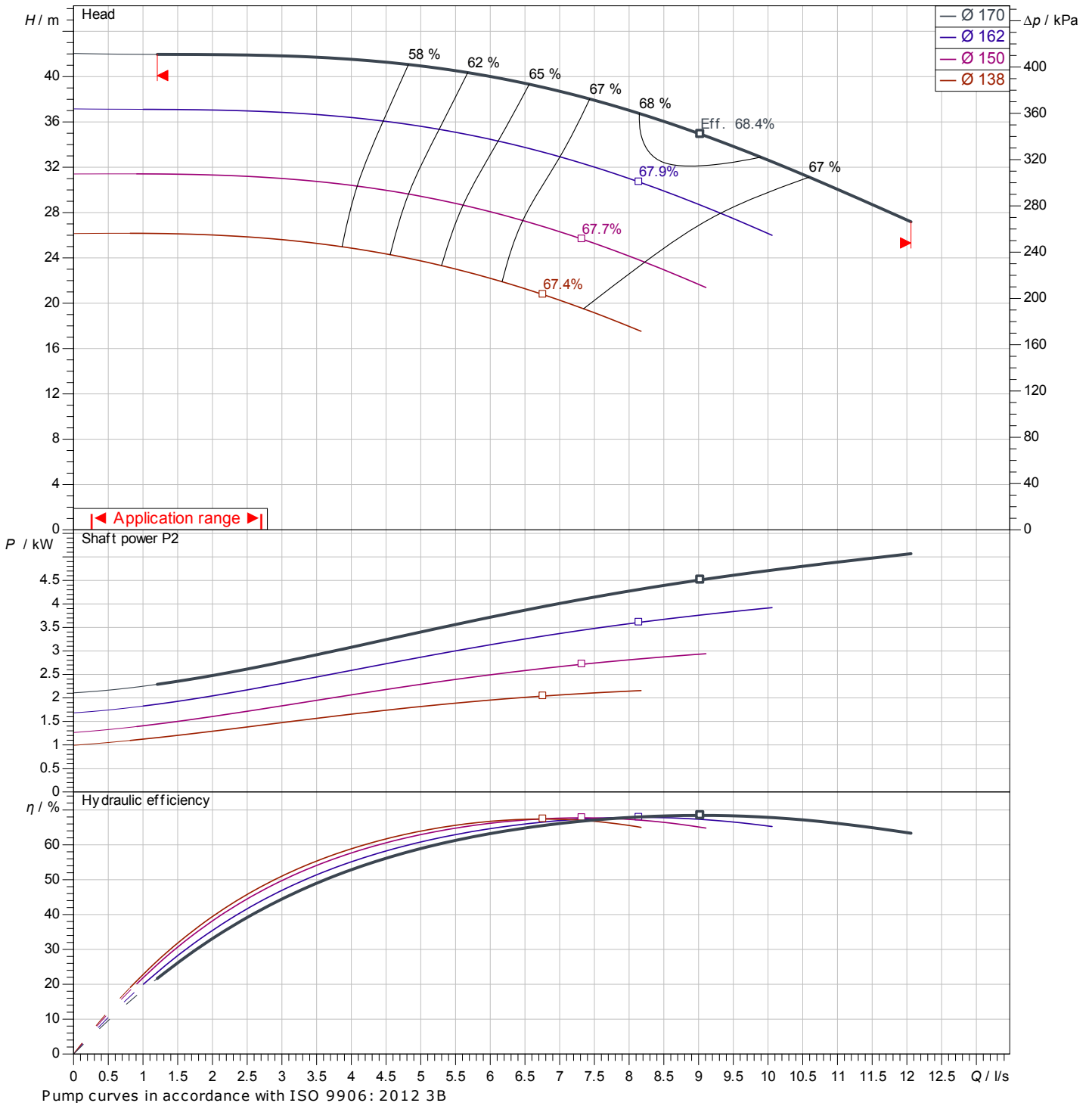
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Operating data

Rotational speed 2917 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 50	Discharge port DN 32
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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

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Dimensions

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Coupling with spacer

Suction side DN 50, PN 16
Discharge side DN 32, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	80	H3	215	X	100		
B2	390	L	992				
B3	350	L2	165				
DN1	DN 50, PN 16	L3	930				
DN2	DN 32, PN 16	L4	935				
H	435	S1	170				
H2	160	S4	19				