

Technical data

Glanded monobloc pump Atmos BST 32/160-2.2/2-V1

Project ID

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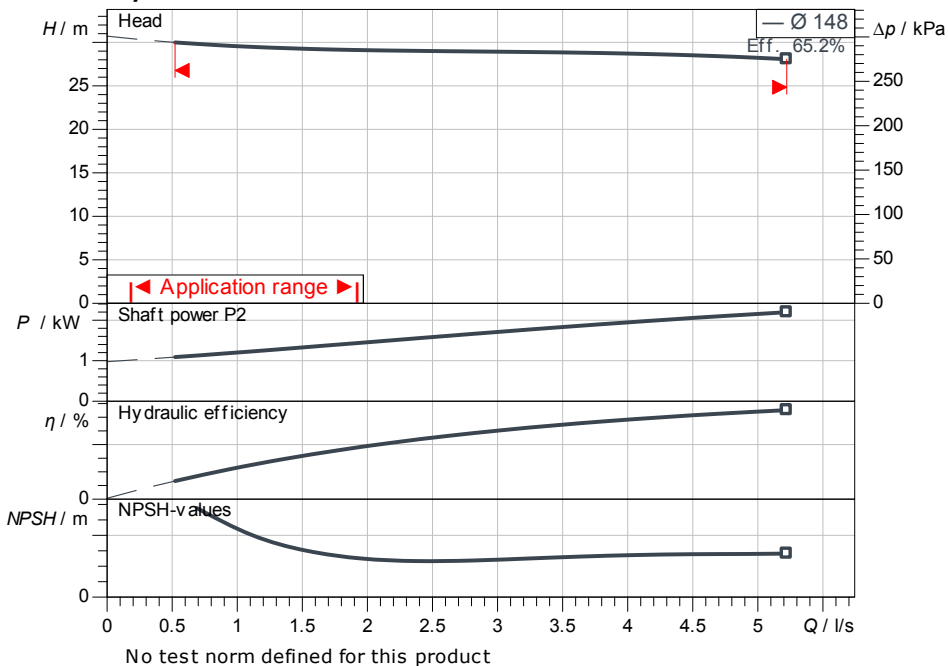
Project name

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	148

Product data

Glanded monobloc pump	
Atmos BST 32/160-2.2/2-V1	
Max. operating pressure	1,000 kPa
Fluid temperature	-20 °C ... +120 °C
Max. ambient temperature	50 °C
Minimum efficiency index (MEI)	≥ 0.4

Motordata per Motor/Pump

Motor efficiency level	IE3
Mains connection	3~ 400 V / 50 Hz
Permitted voltage tolerance	+6 %
Max. speed	2,900 1/min
Rated power P2	2.20 kW
Rated current	4.30 A
Power factor	0.85
Efficiency	50% / 75% / 100%
Degree of protection	IP55
Insulation class	F
Motor protection	

Fitting dimensions

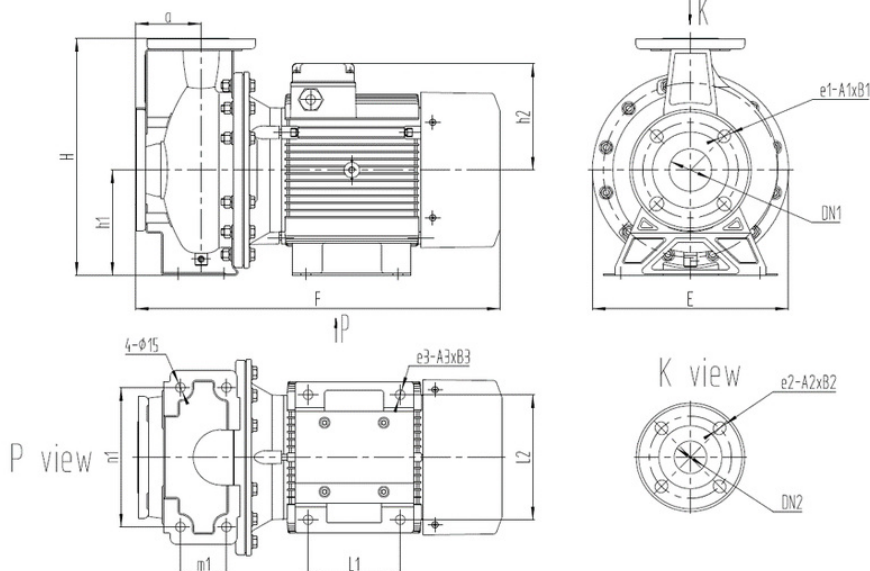
Pipe connection on the suction side	DN 50, PN 16
Pipe connection (pressure side)	DN 32, PN 16
Port to Port	

Materials

Pump housing	1.4301
Impeller	1.4301
Shaft	1.4301
Shaft seal	B3Q1EF

Information for order placements

Weight approx.	
Item number	9187052



Dimensions

mm

A	80	B2	20	E	215	L1	100
A1	18	B3	18	F	437	L2	160
A2	18	dL	18	H	255	M1	70
A3	12	DN1	DN 50, P	H1	112	n1	160
B1	20	DN2	DN 32, P	H2	112	Ø k	125



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Hydraulic data

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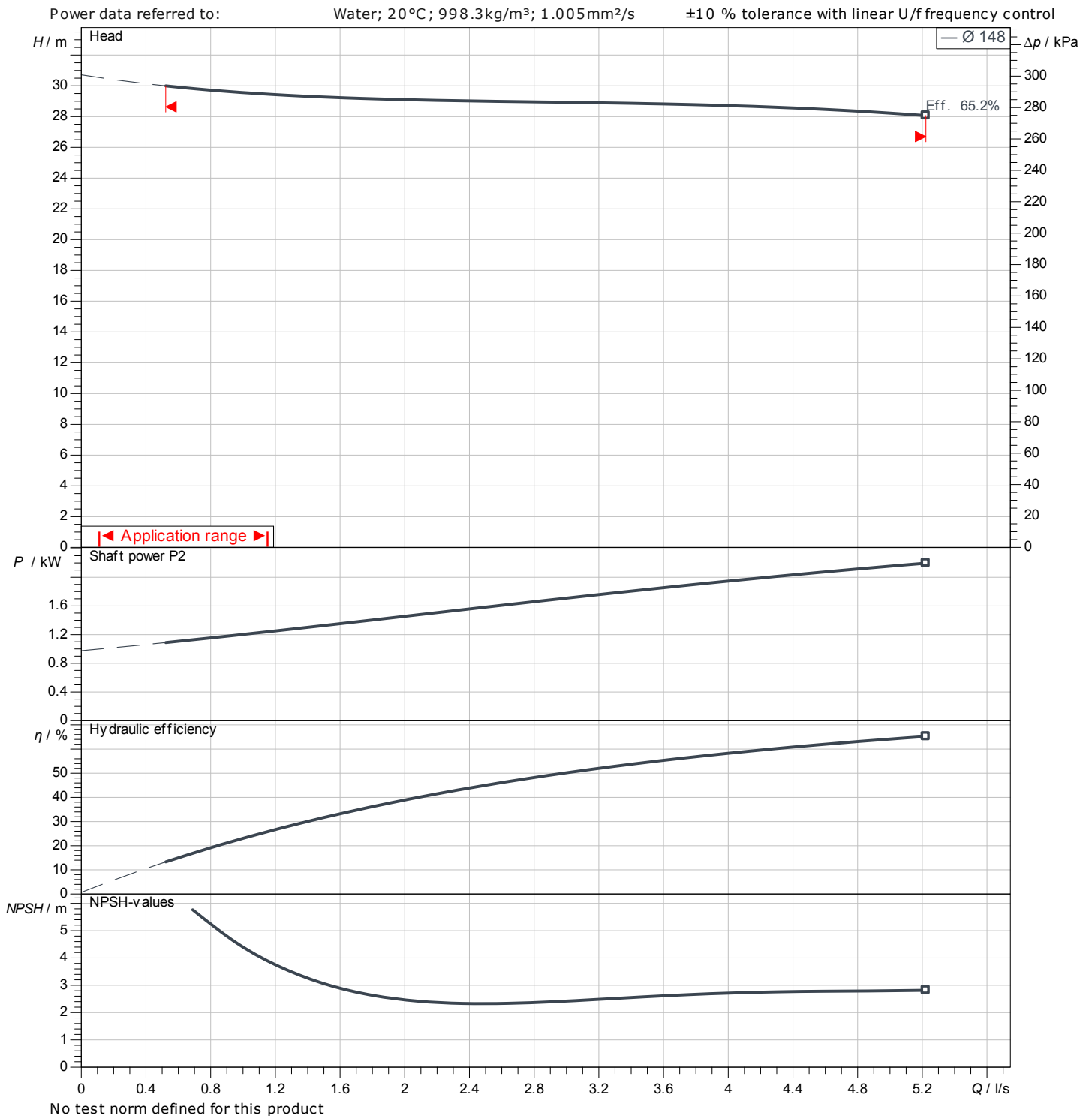
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Operating data

Rotational speed	Frequency	Duty point		Suction port	Discharge port
2869 1/min	50 Hz	Q =	H =	DN 50	DN 32



Dimensions

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Atmos BST 32/160-2.2/2-V1

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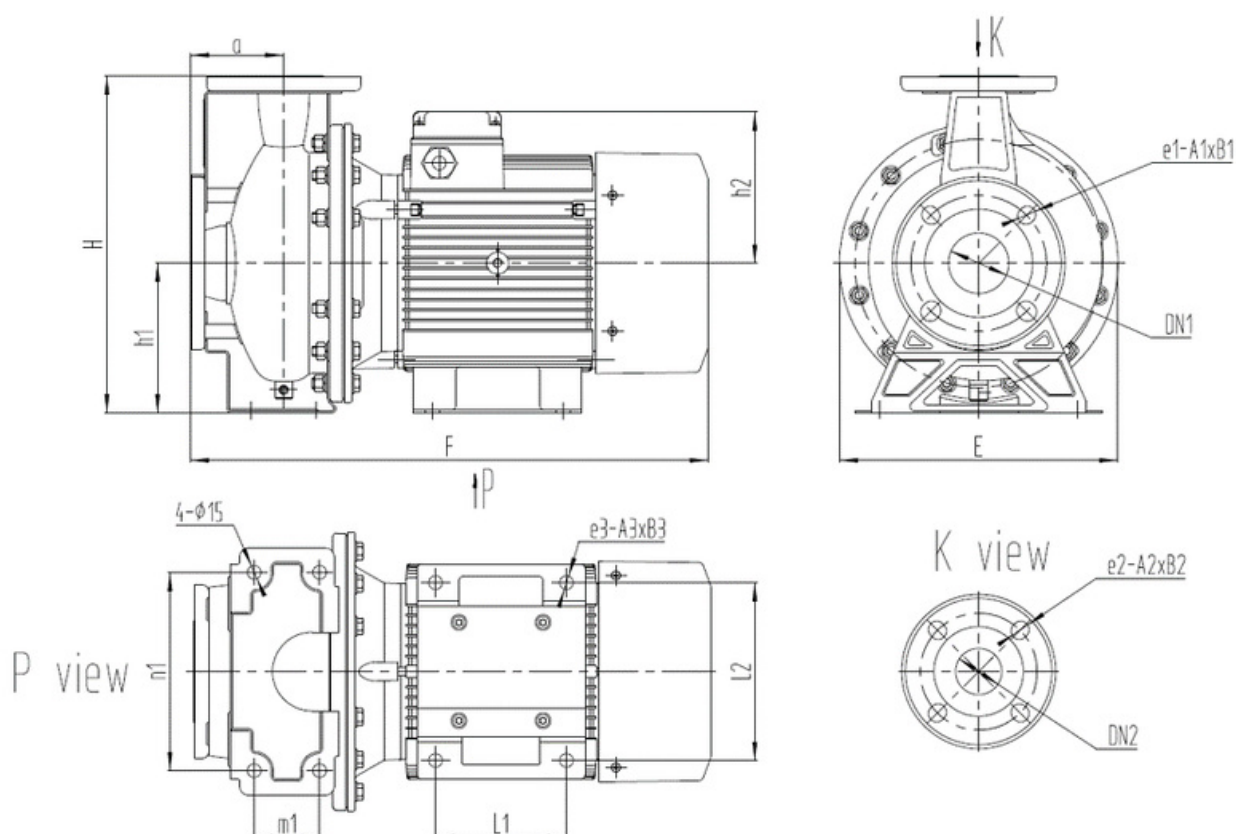
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Standard

Suction side DN 50, PN 16

Discharge side DN 32, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	80	dL	18	H2	112	Ø D	165
A1	18	DN1	DN 50, PN 16	L1	100		
A2	18	DN2	DN 32, PN 16	L2	160		
A3	12	E	215	M1	70		
B1	20	F	437	n1	160		
B2	20	H	255	Ø k	125		
B3	18	H1	112	Ø d	99		