

Customer

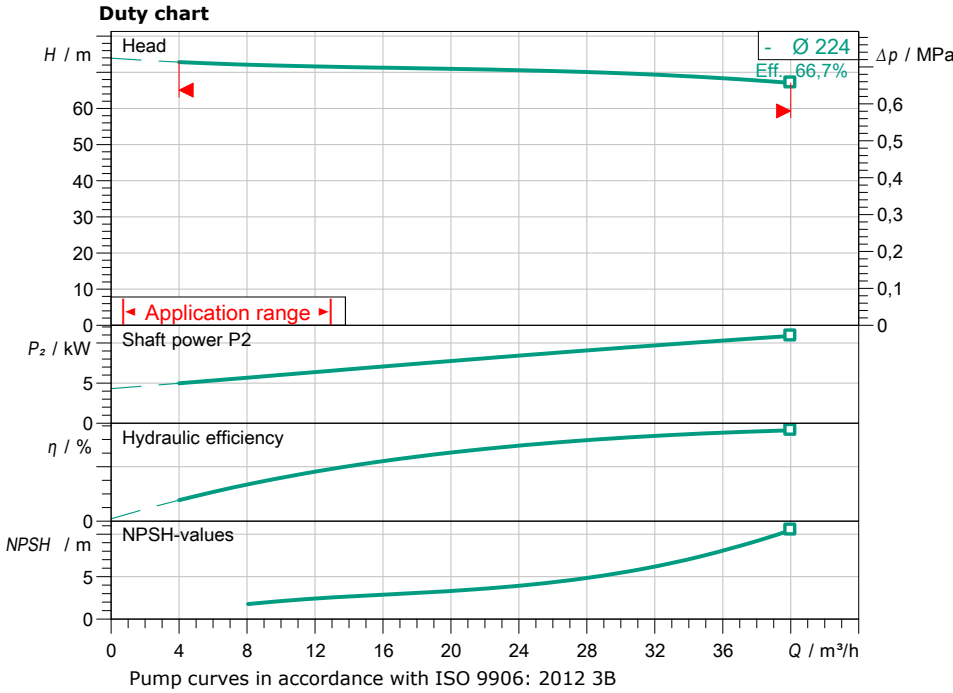
Technical data

Glanded monobloc pump Atmos BST 40/200-11/2-V2

Project name: Untitled project 2024-07-24 08:55:39.272

Project ID
Installation location
Customer pos. No.

Date: 24.07.2024



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 P_2
Hydraulic efficiency
NPSH
Impeller size: 224

Product data

Glanded monobloc pump
Atmos BST 40/200-11/2-V2
Max. operating pressure: 1 MPa
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: 2900 1/min
Rated power P_2 : 11,00 kW
Rated current: 19,60 A
Power factor: 0,89
Efficiency: 50% / 75% / 100% // %
Degree of protection: IP55
Insulation class: F
Motor protection

Fitting dimensions

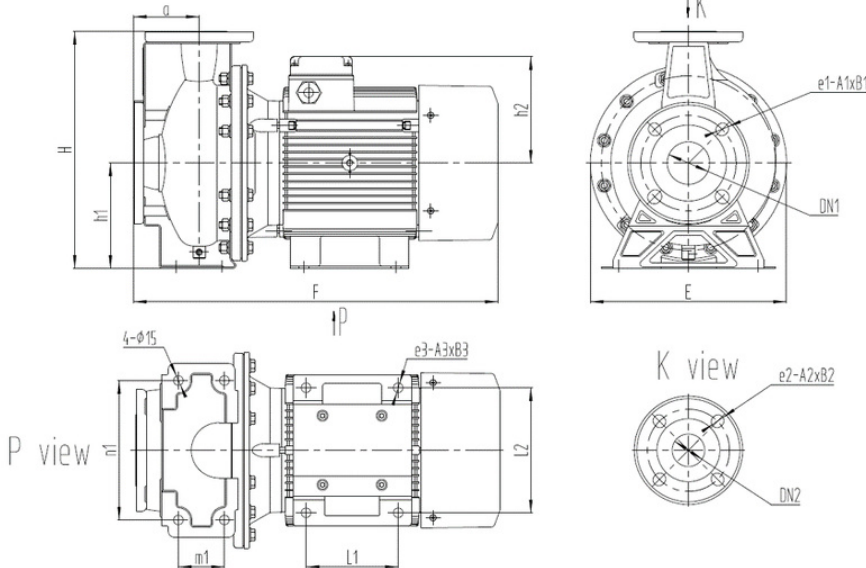
Pipe connection on the suction side: DN 65, PN 16
Pipe connection (pressure side): DN 40, PN 16
Port to Port

Materials

Pump housing: 1.4301
Impeller: 1.4301
Shaft: 1.4301
Shaft seal: B3Q1EF

Information for order placements

Weight approx.
Item number: 9187068



Dimensions

mm

A	100	H1	160	DNd	DN 40, PN 16
B1	20	H2	182		
B2	20	L1	140		
e	298	L2	216		
H	360	DNs	DN 65, PN 16		

Hydraulic data

Glanded monobloc pump
Atmos BST 40/200-11/2-V2

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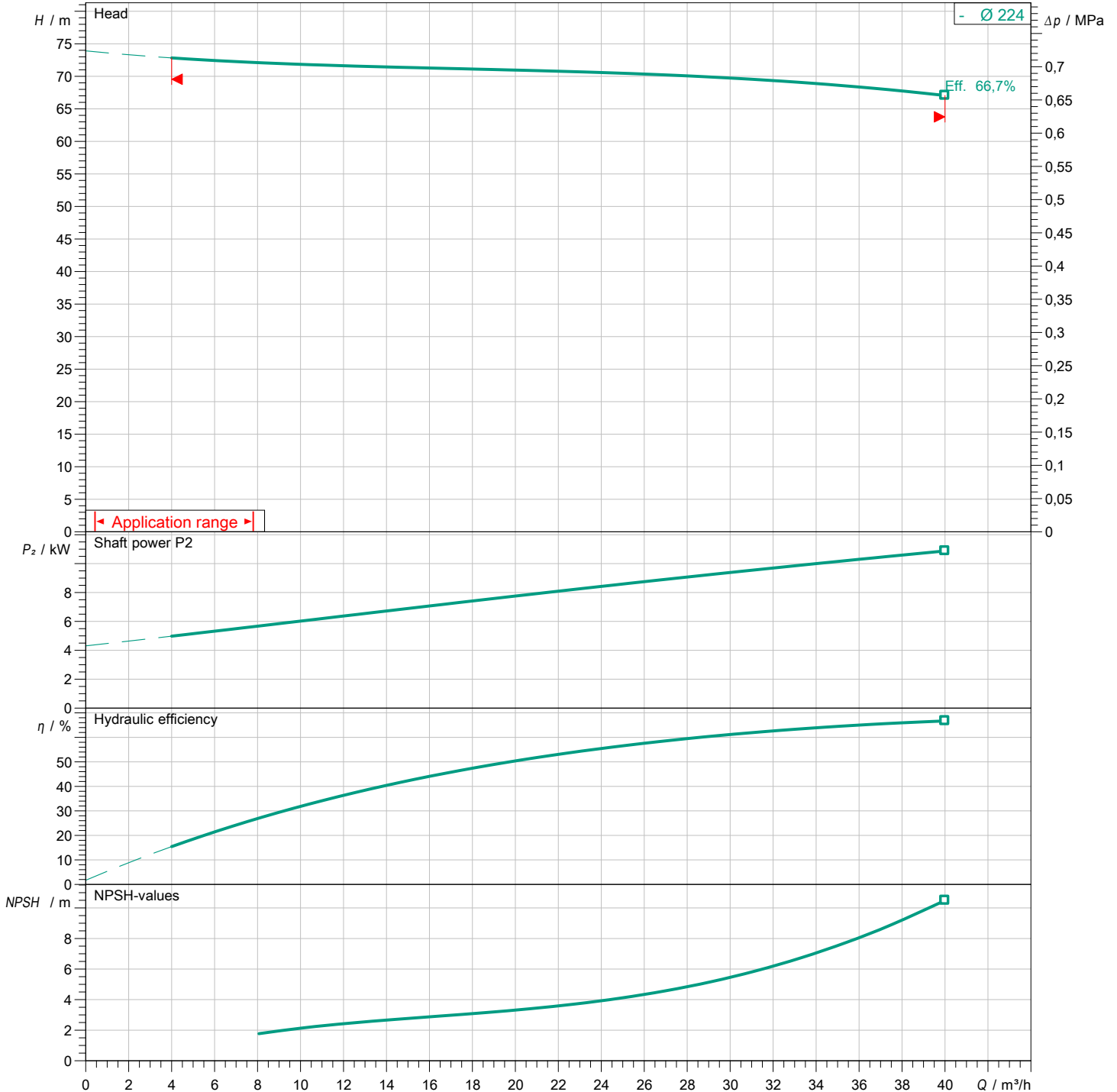
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Operating data

Speed 2894 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 65	Discharge port DN 40
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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



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

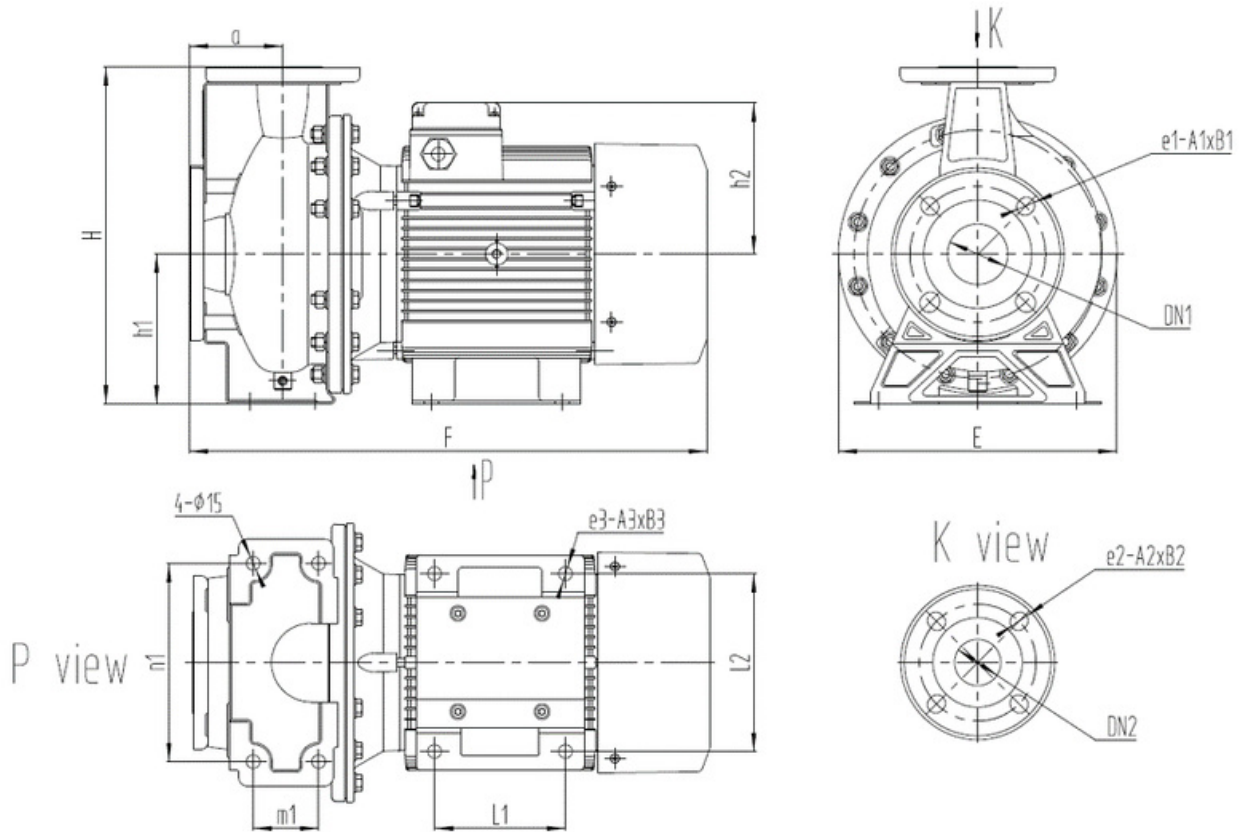
Dimensions

Glanded monobloc pump
Atmos BST 40/200-11/2-V2

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Standard

Suction side DN 65, PN 16
Discharge side DN 40, PN 16

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	100	L1	140				
B1	20	L2	216				
B2	20	DNs	DN 65, PN 16				
e	298	DNd	DN 40, PN 16				
H	360						
H1	160						
H2	182						