

Customer

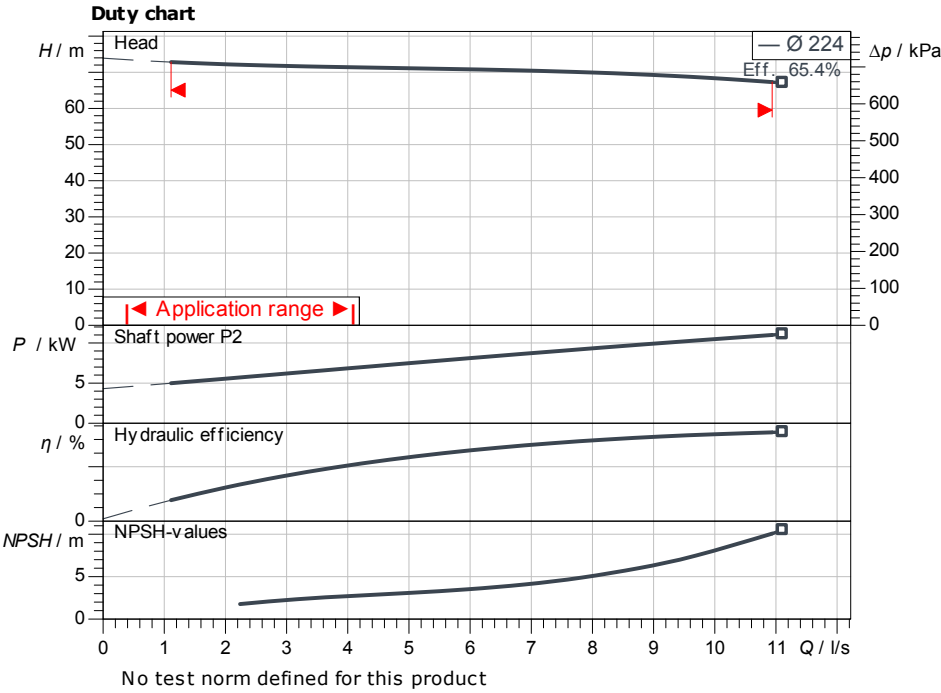
Technical data

Glanded monobloc pump Atmos BST 40/200-11/2-H12-V2

Project ID Untitled project 2025-03-01 17:12:44.130

Project name
Installation location
Customer pos. No.

Date 2025-03-01



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-H12-V2
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 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

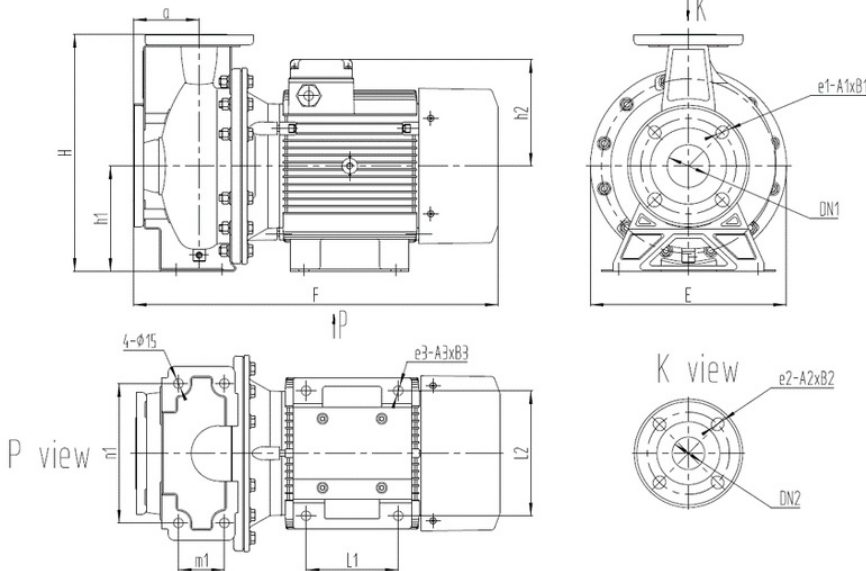
Pipe connection on the suction side DN 65, PN 16
Pipe connection (pressure side) DN 40, PN 16
Port to Port

Materials

Pump housing 1.4401
Impeller 1.4401
Shaft 1.4401
Shaft seal B3Q1EG

Information for order placements

Weight approx.
Item number 9187153



Dimensions

mm

A	100	B2	20	E	298	L1	140
A1	18	B3	20	F	615	L2	216
A2	18	dL	18	H	360	M1	70
A3	15	DN1	DN 65, P	H1	160	n1	212
B1	20	DN2	DN 40, P	H2	182	Ø k	145



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Phone

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Hydraulic data

Glanded monobloc pump
Atmos BST 40/200-11/2-H12-V2

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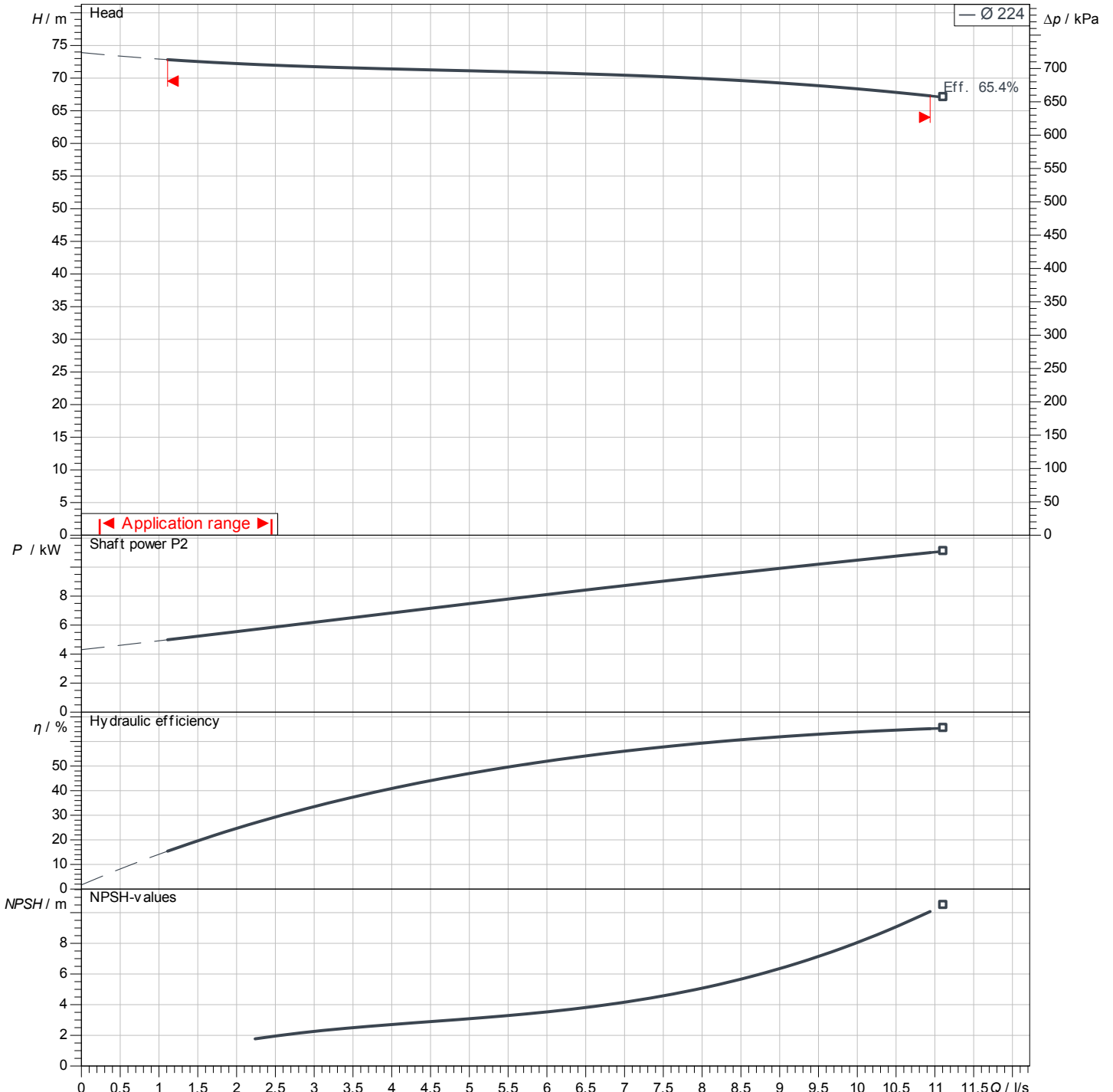
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Operating data

Rotational 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



No test norm defined for this product

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Phone

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Phone

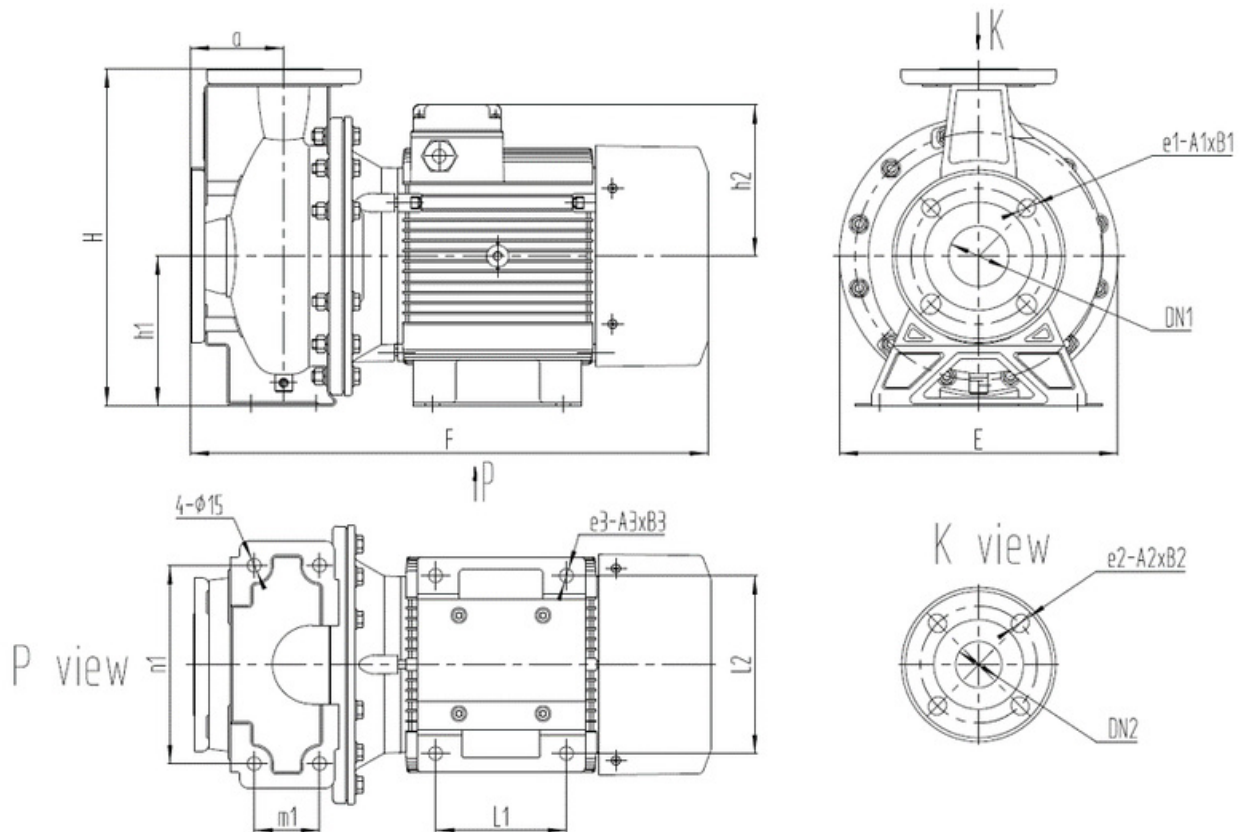
Dimensions

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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	dL	18	H2	182	Ø D	185
A1	18	DN1	DN 65, PN 16	L1	140		
A2	18	DN2	DN 40, PN 16	L2	216		
A3	15	E	298	M1	70		
B1	20	F	615	n1	212		
B2	20	H	360	Ø k	145		
B3	20	H1	160	Ø d	108		