

Customer

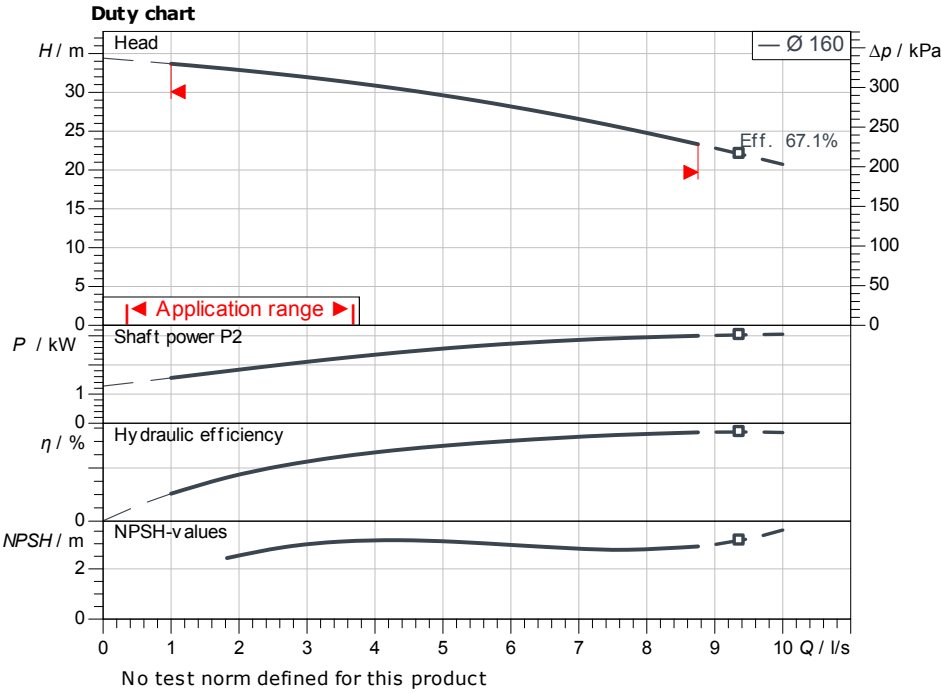
Technical data

Glanded monobloc pump Atmos BST 40/160-3/2-V1

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 160

Product data

Glanded monobloc pump
Atmos BST 40/160-3/2-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 P_2 3.00 kW
Rated current 5.70 A
Power factor 0.87
Efficiency 50% / 75% / 100% //%
Degree of protection IP55
Insulation class F
Motor protection

Fitting dimensions

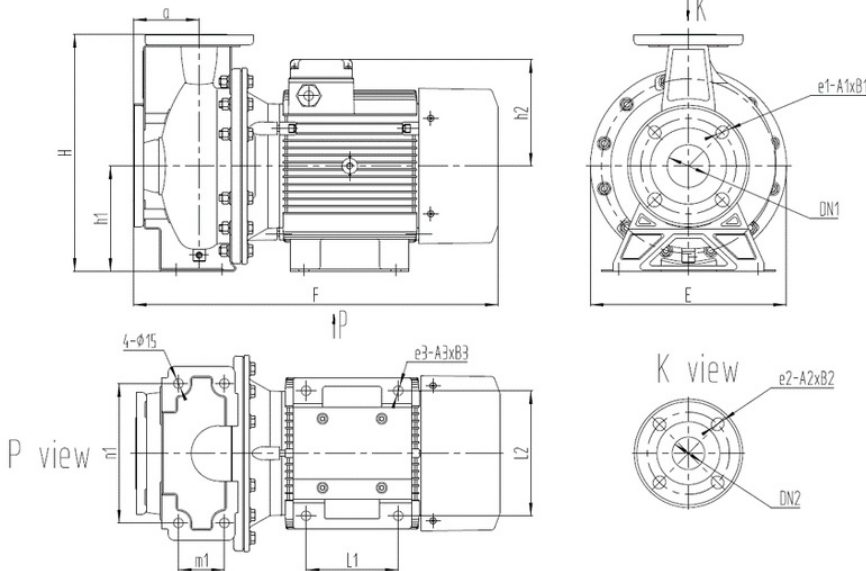
Pipe connection on the suction side DN 65, PN 16
Pipe connection (pressure side) DN 40, PN 16
Port to Port

Materials

Pump housing 1.4301
Impeller 1.4301
Shaft 1.4301
Shaft seal B3Q1EF

Information for order placements

Weight approx.
Item number 9187064



Dimensions

mm

A	80	B2	20	E	256	L1	100
A1	18	B3	18	F	456	L2	160
A2	18	dL	18	H	292	M1	70
A3	12	DN1	DN 65, P	H1	132	n1	190
B1	20	DN2	DN 40, P	H2	112	ϕ k	145



Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

Hydraulic data

Glanded monobloc pump
Atmos BST 40/160-3/2-V1

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

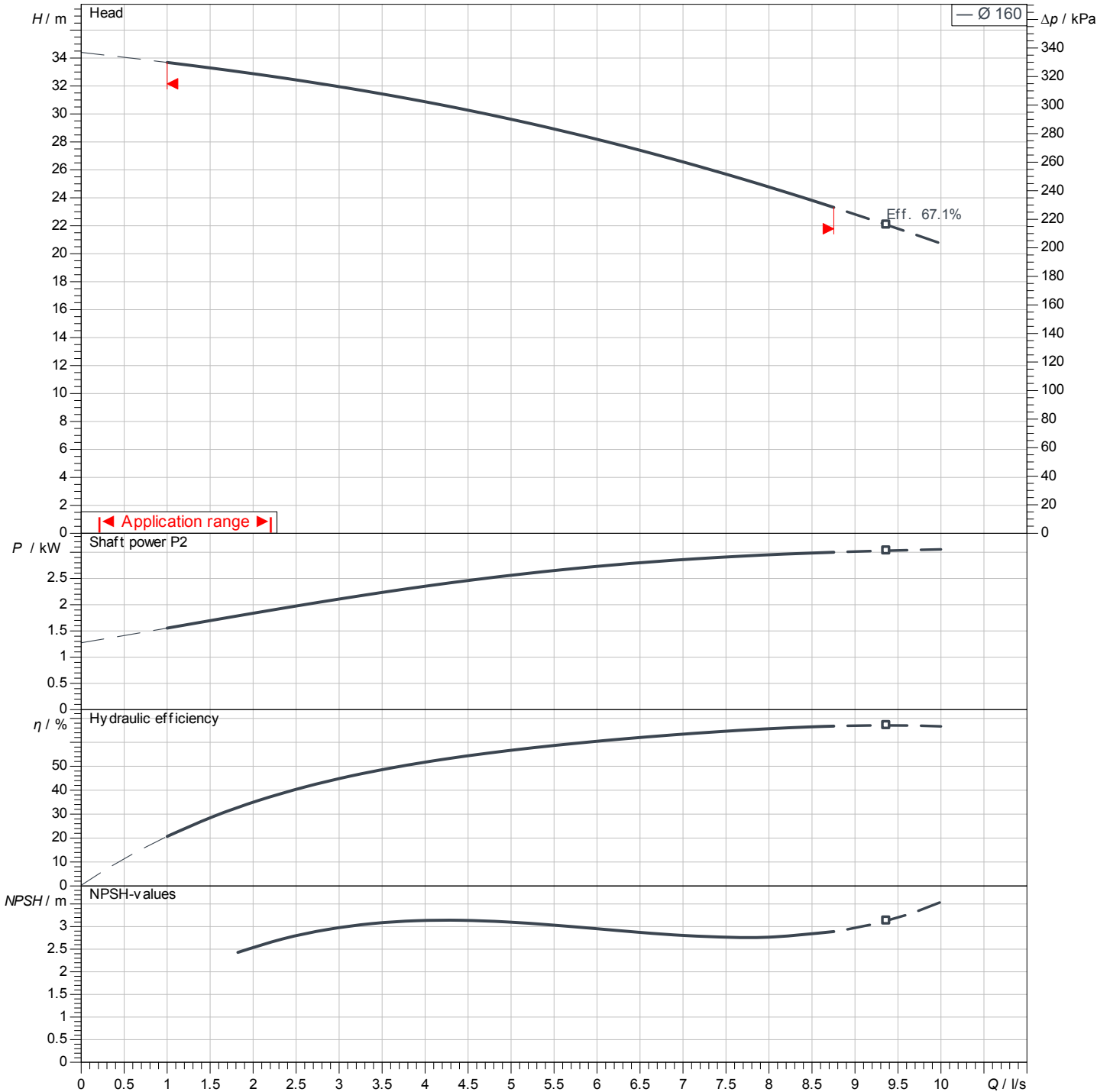
Project name
Installation location
Customer pos. No.

Date: 2025-03-01

Operating data

Rotational speed 2904 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port DN 65	Discharge port DN 40
---------------------------------------	---------------------------	--------------------------	------------	------------------------------	--------------------------------

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

Contact
E-mail
Phone

Customer

Contact
E-mail
Phone

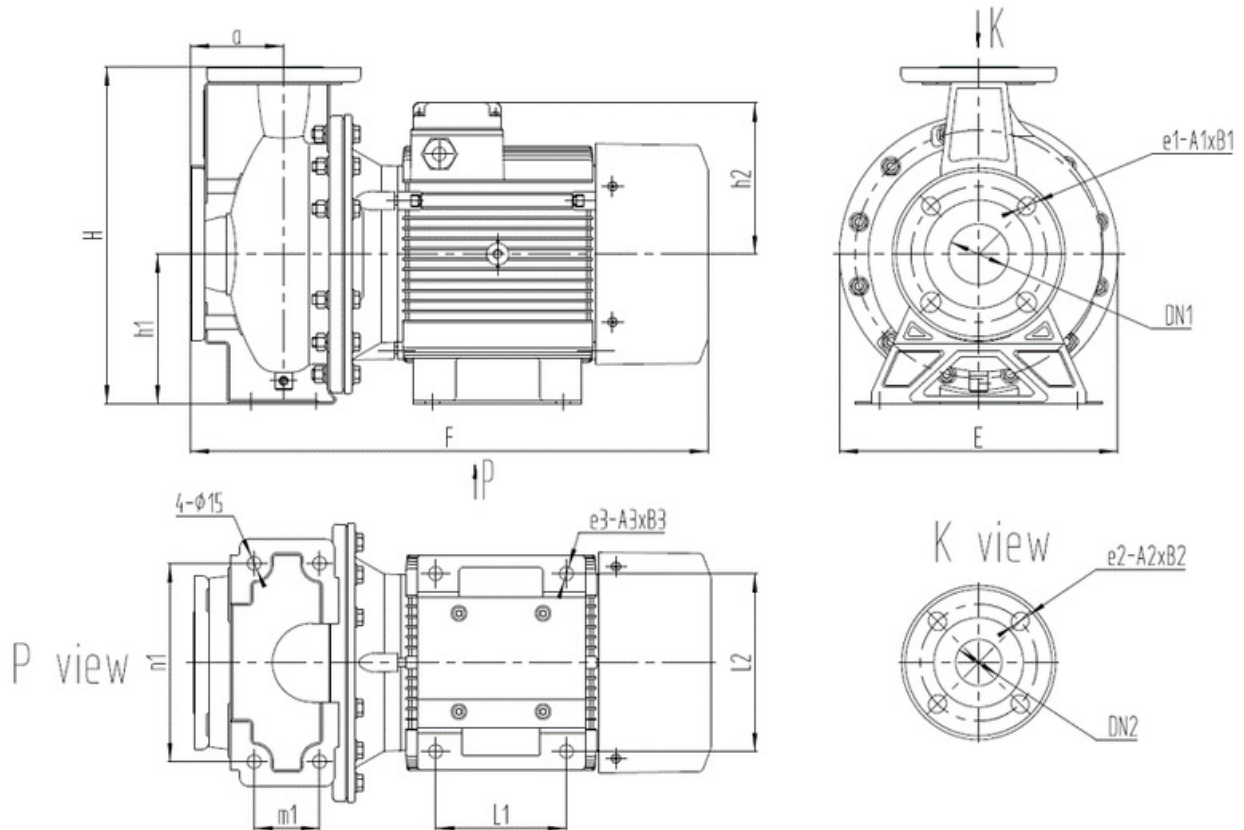
Dimensions

Glanded monobloc pump
Atmos BST 40/160-3/2-V1

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

Project name
Installation location
Customer pos. No.

Date 2025-03-01



Standard

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

Dimensions mm

Name	Value	Name	Value	Name	Value	Name	Value
A	80	dL	18	H2	112	Ø D	185
A1	18	DN1	DN 65, PN 16	L1	100		
A2	18	DN2	DN 40, PN 16	L2	160		
A3	12	E	256	M1	70		
B1	20	F	456	n1	190		
B2	20	H	292	Ø k	145		
B3	18	H1	132	Ø d	108		