

**Customer**

## Technical data

### Glanded monobloc pump

Atmos BST 25/160-1.1/2-H12-V1

Project ID

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

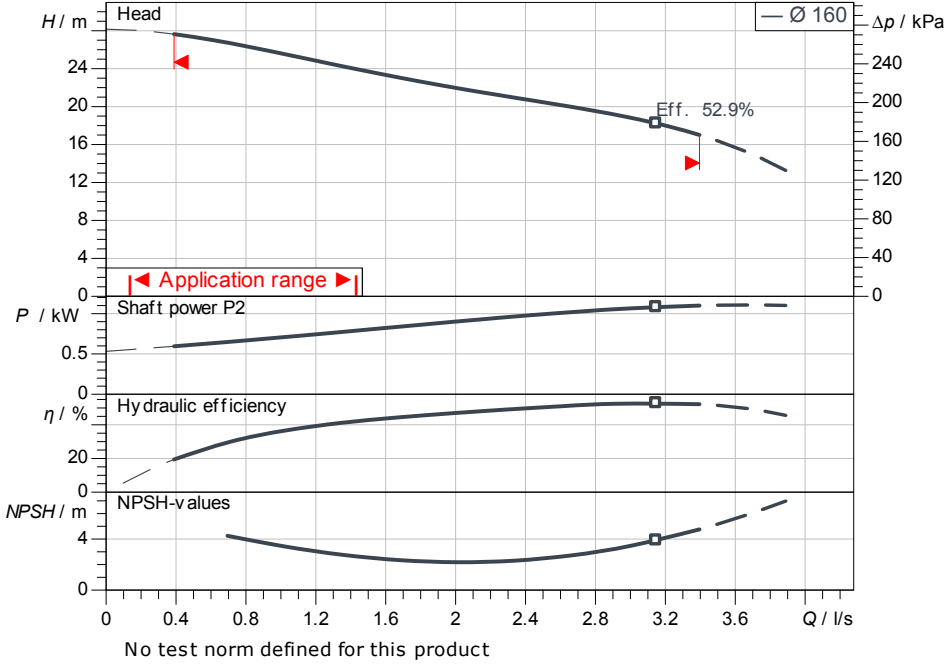
Project name

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 <sup>3</sup>
Kin. viscosity	1.00 mm <sup>2</sup> /s

#### Hydraulic data (Duty point)

Flow	
Head	
Shaft power P2	
Hydraulic efficiency	
NPSH	
Impeller size	160

#### Product data

Glanded monobloc pump	
Atmos BST 25/160-1.1/2-H12-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	1.10 kW
Rated current	2.30 A
Power factor	0.83
Efficiency	
50% / 75% / 100%	//%

Degree of protection	IP55
Insulation class	F
Motor protection	

#### Fitting dimensions

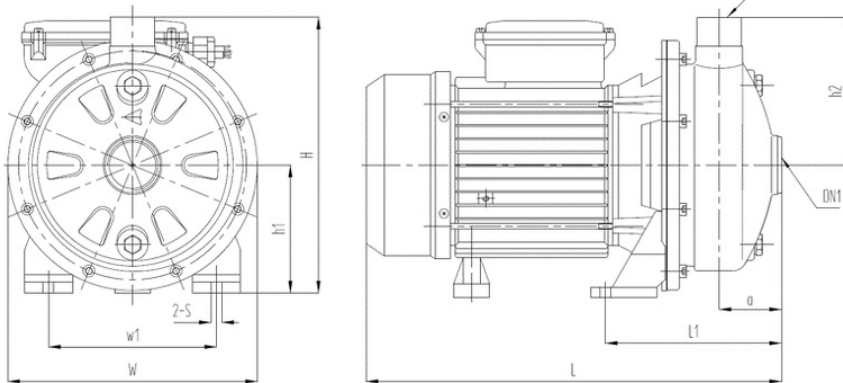
Pipe connection on the suction side	G 1 1/4, PN 10
Pipe connection (pressure side)	G 1, PN 10
Port to Port	

#### Materials

Pump housing	1.4401
Impeller	1.4401
Shaft	1.4401
Shaft seal	B9Q1EG

#### Information for order placements

Weight approx.	
Item number	9187123



#### Dimensions

mm

A	53	H2	121
DN1	G 1 1/4, PN	L	347
DN2	G 1, PN 1	L1	148
H	227	W	208
H1	106	W1	120



Contact  
E-mail  
Phone

Customer

Contact  
E-mail  
Phone

# Hydraulic data

Glanded monobloc pump  
Atmos BST 25/160-1.1/2-H12-V1

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

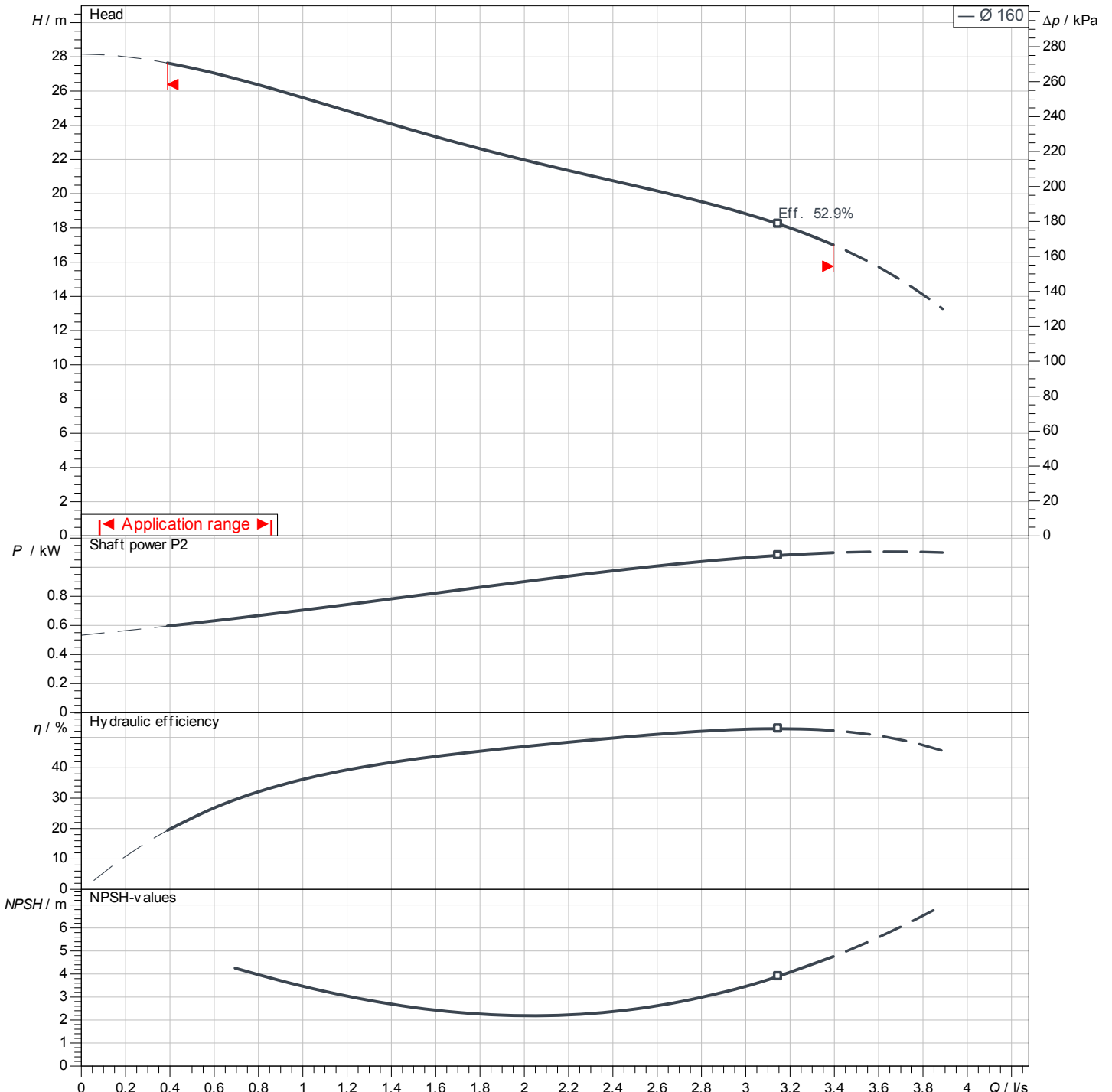
Project name  
Installation location  
Customer pos. No.

Date: 2025-03-01

## Operating data

Rotational speed <b>2844 1/min</b>	Frequency <b>50 Hz</b>	Duty point <b>Q =</b>	<b>H =</b>	Suction port <b>G 1 1/4</b>	Discharge port <b>G 1</b>
---------------------------------------	---------------------------	--------------------------	------------	--------------------------------	------------------------------

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

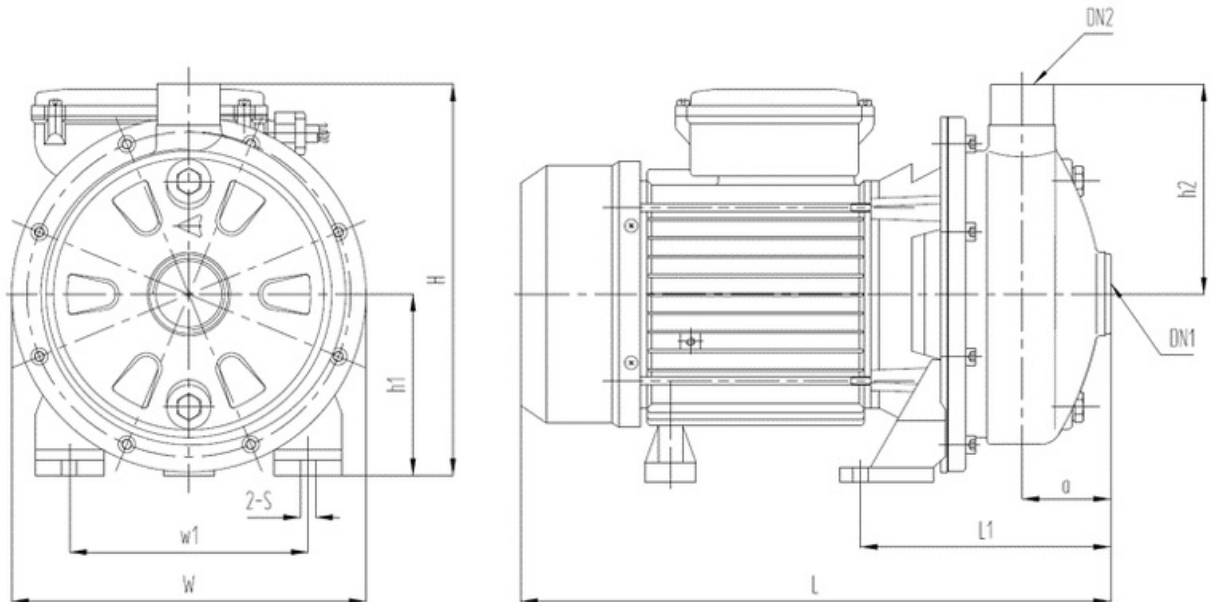
## Dimensions

Glanded monobloc pump  
Atmos BST 25/160-1.1/2-H12-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                      G 1 ¼, PN 10  
Discharge side                      G 1, PN 10

**Dimensions**                      mm

Name	Value	Name	Value	Name	Value	Name	Value
A	53	L1	148				
DN1	G 1 ¼, PN 10	W	208				
DN2	G 1, PN 10	W1	120				
H	227						
H1	106						
H2	121						
L	347						