

Customer

Technical data

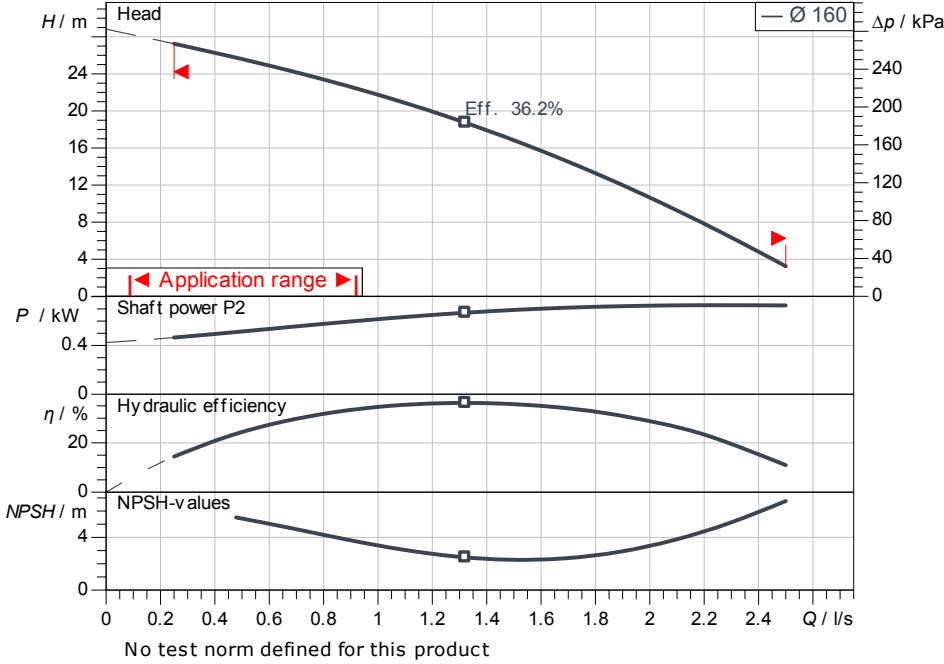
Glanded monobloc pump Atmos BST 25/160-0.75/2-V1

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/m³
Kin. viscosity 1.00 mm²/s

Hydraulic data (Duty point)

Flow
Head
Shaft power $P2$
Hydraulic efficiency
NPSH
Impeller size 160

Product data

Glanded monobloc pump
Atmos BST 25/160-0.75/2-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 $P2$ 0.75 kW
Rated current 1.60 A
Power factor 0.82

Efficiency
50% / 75% / 100% //%

Degree of protection IP55
Insulation class F
Motor protection

Fitting dimensions

Pipe connection on the suction side $\text{DN} 1\frac{1}{4}$, PN 10
Pipe connection (pressure side) G 1, PN 10
Port to Port

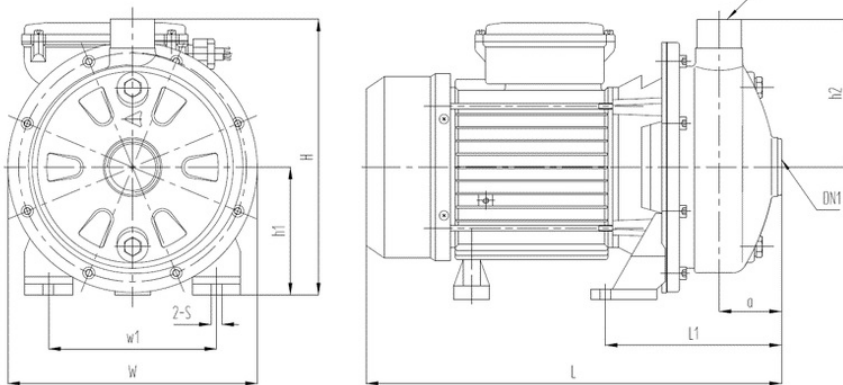
Materials

Pump housing 1.4301

Impeller 1.4301
Shaft 1.4301
Shaft seal B9Q1EF

Information for order placements

Weight approx.
Item number 9187032



Dimensions		mm	
A	53	H2	121
DN1	G 1 ¼, PN	L	322
DN2	G 1, PN	L1	146
H	227	W	208
H1	106	W1	120



Contact
E-mail
Phone

Customer

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Hydraulic data

Glanded monobloc pump
Atmos BST 25/160-0.75/2-V1

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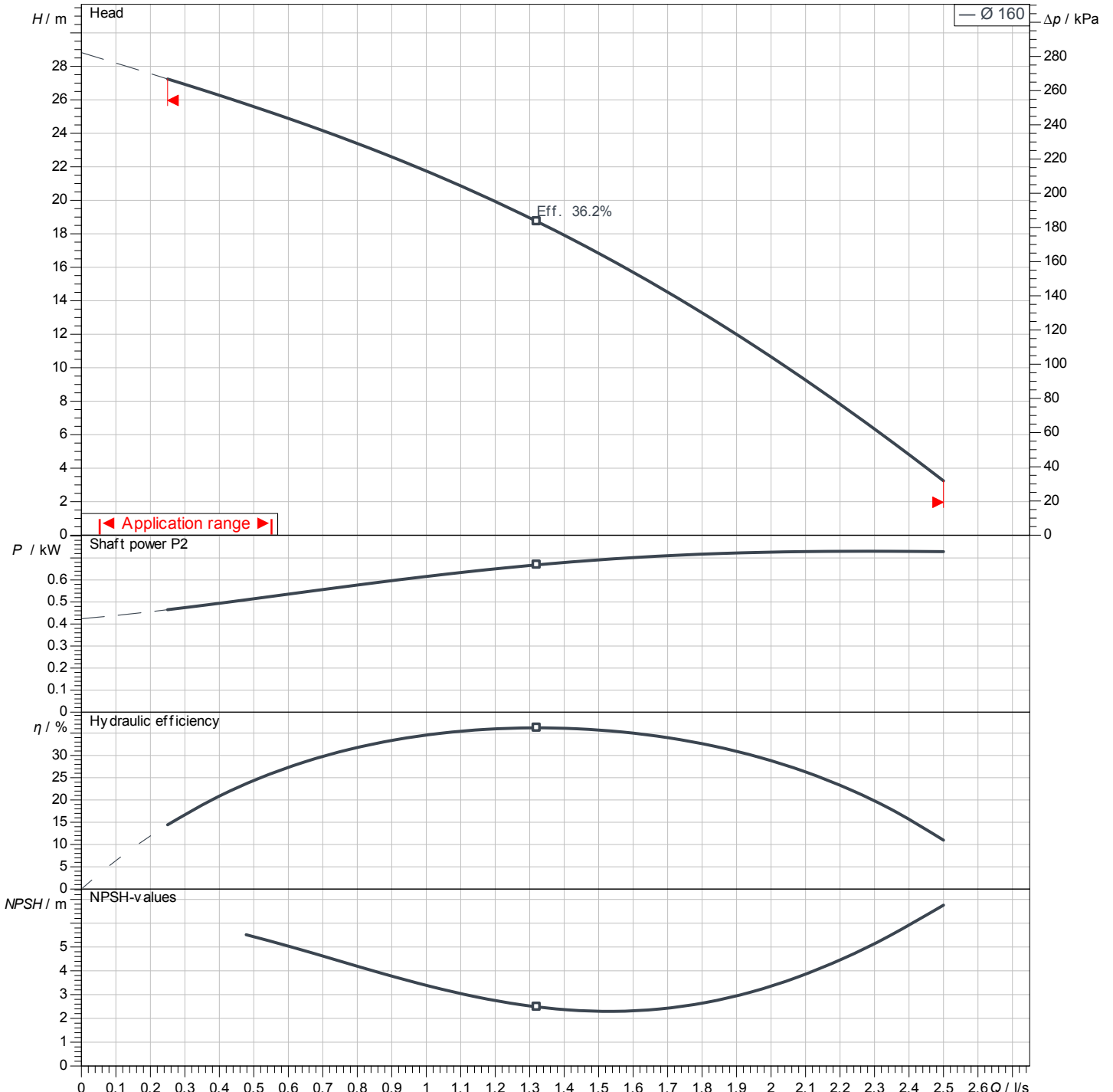
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Operating data

Rotational speed 2839 1/min	Frequency 50 Hz	Duty point Q =	H =	Suction port G 1¼	Discharge port G 1
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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

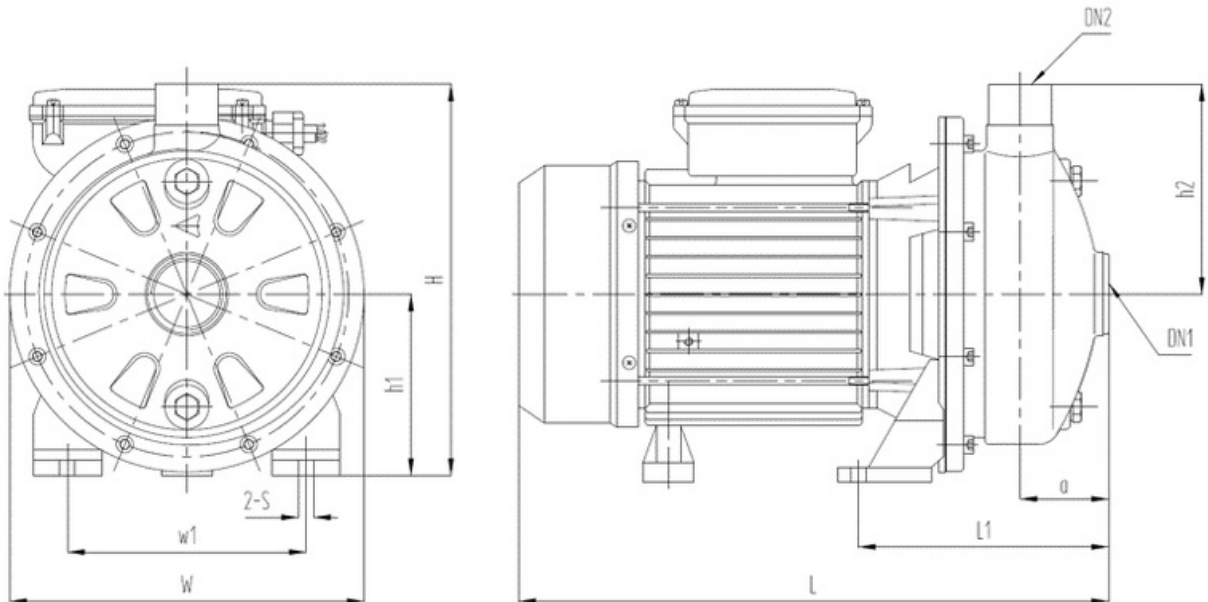
Dimensions

Glanded monobloc pump
Atmos BST 25/160-0.75/2-V1

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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	146				
DN1	G 1 ¼, PN 10	W	208				
DN2	G 1, PN 10	W1	120				
H	227						
H1	106						
H2	121						
L	322						