SAER ELETTROPOMPE
**Saer Elettropompe S.p.A.**
Sede Legale e Amm.va: via Circonvallazione,22
42016 Guastalla (RE) – Italy
tel. 0522.830941 – Fax 0522.826948
R.E.A. n°158853–Reg.Impr./ Cod.Fisc. e Part. IVA 01073840355
Pos. Comm. Estero n° RE 007703 – Cap.Soc. € 2.550.000 i.v.
**e-mail: info@saer.it**
http://www.saerelettropompe.com
Facebook: SAER.Elettropompe

Guastalla, April 15, 2025

To whom it may concern
Reference offer **25-03661**

**SAER WARRANTY**

1 With reference to **25-03661** SAER ELETTROPOMPE (from now on the Seller) gives to AXIMA GRUP (from now on Purchaser) a warranty on the Products mechanical parts lasting 24 (twentyfour) months from the invoice date of the Products. The Seller guarantees that during this period the Products will be free from material and construction defects, provided however that the said Products are in normal condition of use and maintenance.

2 The warranty , that doesn't cover the parts subject to normal wear and tear or the damages caused by transport, is the only and exclusive warranty given by the Seller for the Products, with exclusion therefore of any other guarantee, expressed or implied, And consist in the free repair or the replacement of the Products or of a part of them that, in the indisputable opinion of the Seller, are considered defective. The warranty is subject to the timely report of the vices to the Seller within 8 days from the delivery for the immediately visible defects, and within 8 days from the discovery for the hidden defects. Where there is uncertainty about the date of delivery, the production date reported on the Product nameplate shall prevail. To be valid, the complaint must be sent only on the Seller's headquarters through a registered letter with return receipt requested.

3 The delay in payments or the partial or total default of the Purchaser involves its automatic loss from this warranty.

4 Warranty repairs will be performed in the Seller's headquarter or, at its indisputable discretion, in a service center of its trust. To have the right of warranty, the Products must be received, at the expense of the Purchaser, in the Seller's headquarter or in the service center that the Seller has previously indicated. In case the Product will be considered defective, the parties will agree on the least costly and more effective way to eliminate such defects.

5 In addition to the case set forth in previous paragraph 3, this warranty shall be automatically void in the following case:

-the Products were subjected to technical intervention, disassembly or repair by people that weren't authorized by the Seller;

-the failure of the Product is due to incorrect installation and/or electrical connection, tampering, improper use or use non-compliant to the instructions or over the limit of use indicated in the instructions for use;

- corrosive liquids, sandy water, liquids that are chemically or physically aggressive have been pumped without prior written authorization by the Seller;

- an insufficient electrical protection has been used;

- the Product has been subject to overloading exceeding the indicated limits;

- the claimed damage is due to normal wear and tear resulting from the deterioration of the material, as, for example, mechanical seals, bearings, bushings, trees, impellers, electrical components;

- maintenance has been omitted or insufficient or the defect results from installation non-compliant to regulations in force.

6 In express derogation to article 1494 of the Italian Civil Code, the Seller, in any case, shall not be liable for the damages caused by the defective Products or delayed intervention in warranty

SAER ELETTROPOMPE SPA
Ilaria Favella
Marketing

**SAER Elettropompe S.p.A.**
Via Circonvallazione n. 22
42016 GUASTALLA (RE)
Partita IVA 01073840355

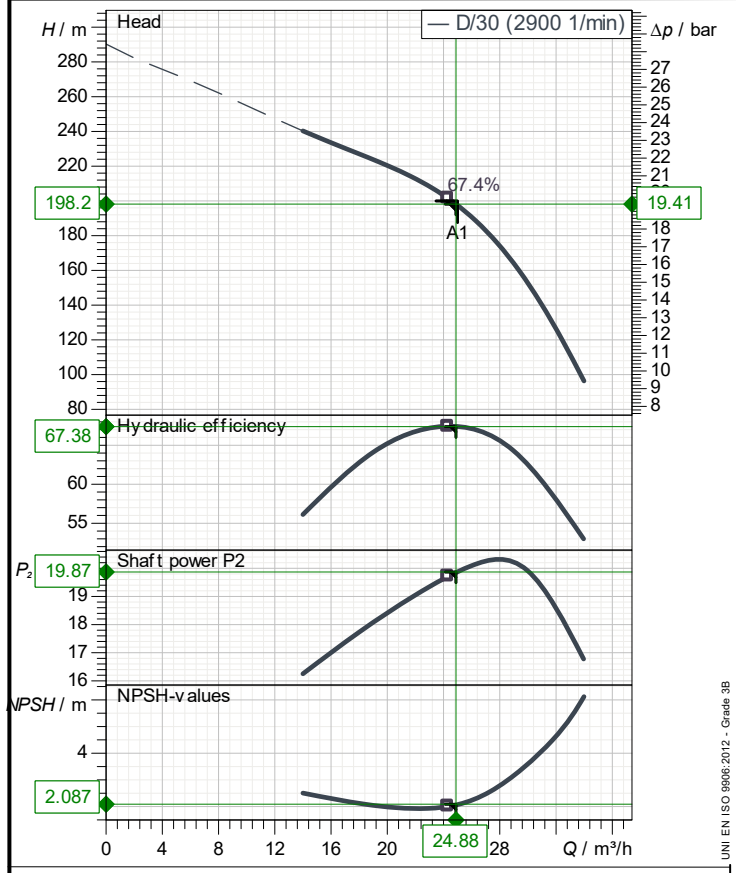
Digitally signed by Prijilevschi Andrei
Date: 2025.04.16 09:16:07 EEST
Reason: MoldSign Signature
Location: Moldova
MOLDOVA EUROPEANĂ

# Technical data
## NR-151D/30

Revision no

Page: 1

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |




### Operating data specification

| | | |
|---|---|---|
| Nominal flow | m³/h | 25 |
| Nominal head | m | 200 |
| Static head | m | 0 |
| NPSH - value of plant | m | |
| Inlet pressure | bar | 0 |
| Fluid | | Water |
| Operating temperature t A | °C | 20 |
| Density at t A | kg/m³ | 998.3 |
| Kin. viscosity at t A | mm²/s | 1.005 |

### Pump

| | | | | |
|---|---|---|---|---|
| Pump name | | NR-151D/30 | | |
| Size | | | | |
| Design | | | | |
| Speed | 1/min | 2900 | No of stages | 30 |
| Impeller type | | Radial impeller | | |
| Flow | Nominal | | m³/h | 24.9 |
| | Max- | | m³/h | 34 |
| | Min- | | m³/h | 14 |
| Head | Nominal | | m | 198 |
| | Max- | | m | 240 |
| | Min- | | m | 96.1 |
| Head H(Q=0) | | | m | 290 |
| NPSH 3% | | | m | 2.09 |
| Max. working pressure | | | bar | 28.4 |
| Shaft power | | | kW | 19.9 |
| Efficiency | | | % | 67.4 |
| Max absorbed power | | | kW | 20.25 |

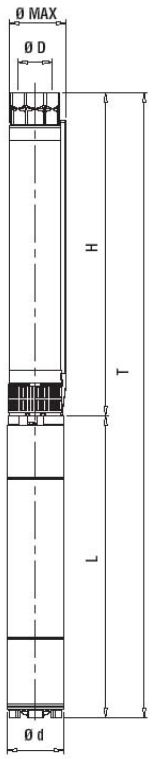
### Materials Pump

| | |
|---|---|
| Shaft | Stainless steel AISI 431 (1.4057) |
| Impeller | Polycarbonates |
| Diffuser | Polycarbonates |
| Suction support | Cast iron EN-GJL-250 |
| Outlet | Cast iron EN-GJL-250 |
| Pump pipe | Stainless steel AISI 304 (1.4301) |
| Cable cover | Stainless steel AISI 304 (1.4301) |
| Valve | Stainless steel AISI 304 (1.4301) + Polycarbonates |

| Motor | | Frame size | | 6" | |
|---|---|---|---|---|---|
| Manufacturer / Type | | SAER CL 140-30 | | | |
| Rated power | kW | 22 SF 1 | Efficiency 4/4 | | 86 % |
| Electric current | A | 44.6 | Speed | 1/min | 2880 |
| Electric voltage | V | 400 V | 3~ | Hz | 50 |
| Starting mode | | Direct starting | | | |
| Degree of protection | | IP 68 | Insulation class | | F |

### Dimensions in mm

| | |
|---|---|
| H | 1963 |
| ød | 144 |
| øD | G 2 1/2 |
| øMax | 150 |
| T | 2858 |




Remarks:

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-10 | 2025-04-10 |

# Performance curves
## NR-151D/30

Revision no

Page: 2

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |

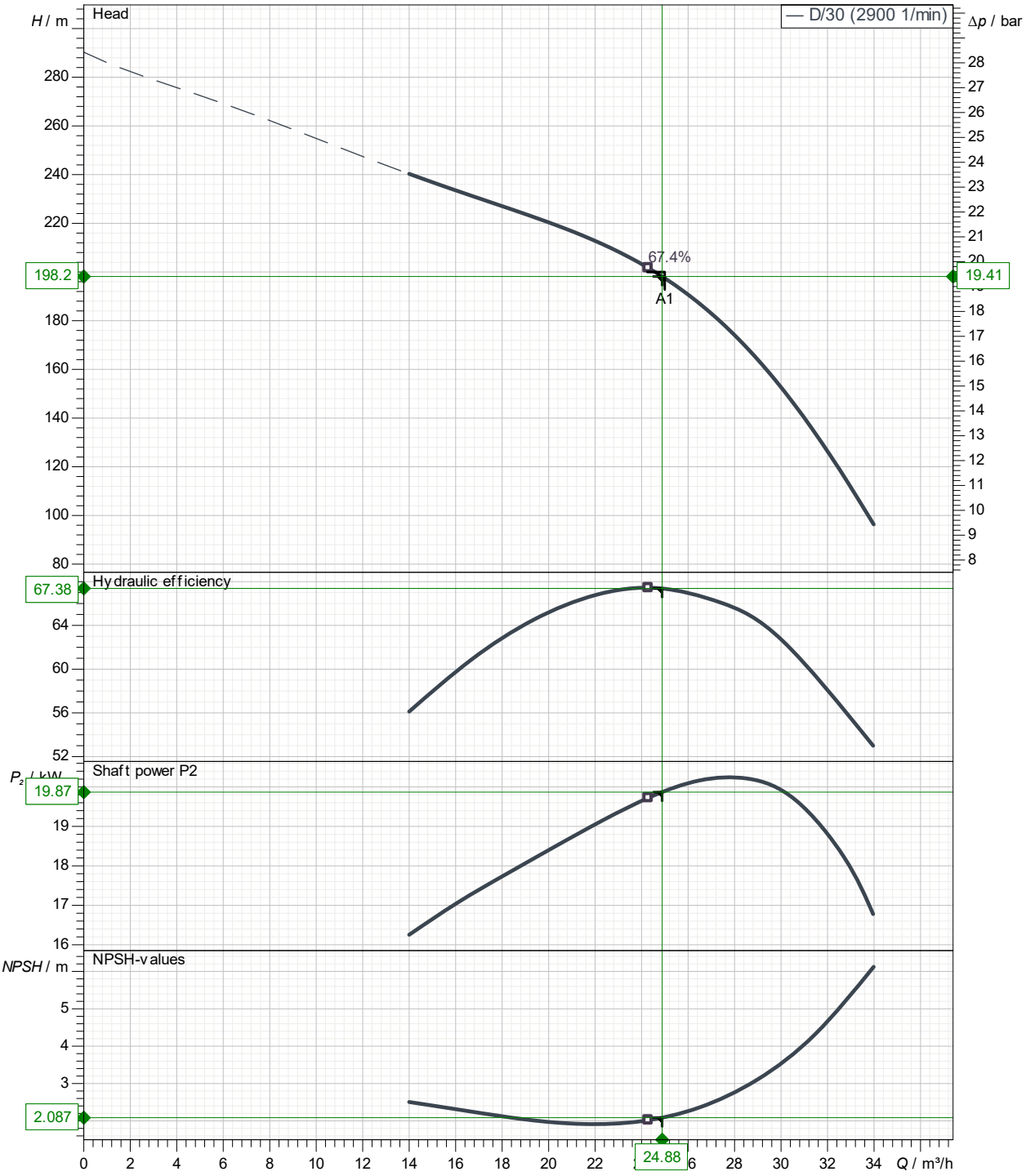
| Operating area | Flow | | Head | |
|---|---|---|---|---|
| Operating data specification | 25 | m³/h | 200 | m |
| Pump data | 24.9 | m³/h | 198 | m |

| | Flow | | | Head | | Shaft power P2 | | |
|---|---|---|---|---|---|---|---|---|
| | Min. | Max. | η Max. | H(Q=0) | η Max. | P2(Q=0) | Max. | η Max. |
| | m³/h | m³/h | m³/h | m | m | kW | kW | kW |
| | 14 | 34 | 24.3 | 290 | 202 | 16.3 | 20.3 | 19.7 |

| | |
|---|---|
| Impeller type | Radial impeller |
| Impeller construction | Closed |
| Sense of rotation | Clockwise from the drive end |
| Outlet width | G2½" |
| Speed 1/min | 2900 |
| Frequency Hz | 50 Hz |

Performance data based to: Water; 20°C; 998.3kg/m³; 1.005mm²/s

UNI EN ISO 9906:2012 - Grade 3B



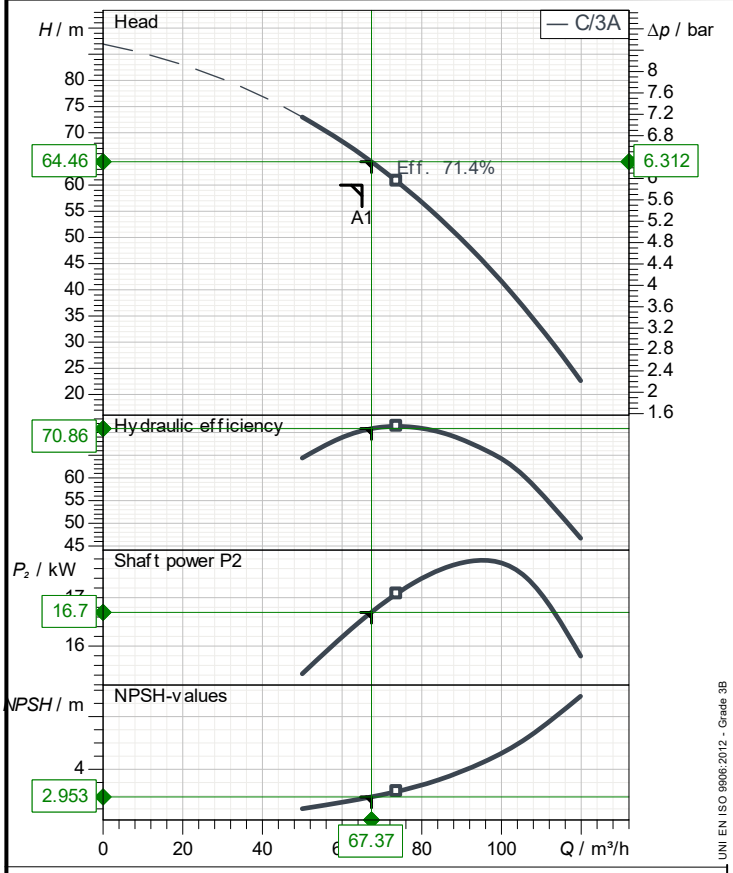

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-10 | 2025-04-10 |

# Technical data
## NR-201C/3A

Revision no

Page: 1

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |




UNI EN ISO 9906:2012 - Grade 3B

### Operating data specification

| | | |
|---|---|---|
| Nominal flow | m³/h | 65 |
| Nominal head | m | 60 |
| Static head | m | 0 |
| NPSH - value of plant | m | |
| Inlet pressure | bar | 0 |
| Fluid | | Water |
| Operating temperature t A | °C | 20 |
| Density at t A | kg/m³ | 998.3 |
| Kin. viscosity at t A | mm²/s | 1.005 |

### Pump

| | | | | |
|---|---|---|---|---|
| Pump name | | NR-201C/3A | | |
| Size | | | | |
| Design | | | | |
| Speed | 1/min | 2900 | No of stages | 3 |
| Impeller type | | Radial impeller | | |
| Flow | Nominal | | m³/h | 67.4 |
| | Max- | | m³/h | 120 |
| | Min- | | m³/h | 50 |
| Head | Nominal | | m | 64.5 |
| | Max- | | m | 73 |
| | Min- | | m | 22.5 |
| Head H(Q=0) | | | m | 86.9 |
| NPSH 3% | | | m | 2.95 |
| Max working pressure | | | bar | 8.51 |
| Shaft power | | | kW | 16.7 |
| Efficiency | | | % | 70.9 |
| Max absorbed power | | | kW | 17.763 |

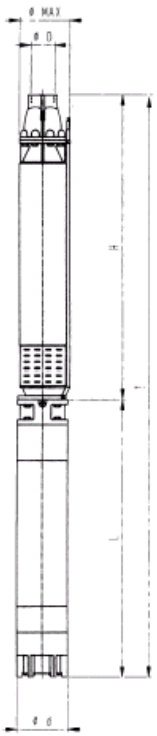
### Materials Pump

| | |
|---|---|
| Shaft | Stainless steel AISI 431 (1.4057) |
| Impeller | Brass |
| Diffuser | Cast iron EN-GJL-250 |
| Suction support | Cast iron EN-GJL-250 |
| Outlet | Ductile Cast iron EN-GJS-500 |
| Pump pipe | Carbon steel |
| Cable cover | Stainless steel AISI 304 (1.4301) |
| Valve | AISI 304 (1.4301) + Cast Iron EN-GJL-250 |
| Rubber components | Rubber EPDM |
| | |
| | |
| | |
| | |
| | |

| Motor | | Frame size | | 6" | |
|---|---|---|---|---|---|
| Manufacturer / Type | | SAER CL 140-25 | | | |
| Rated power | kW | 18.5 SF 1 | Efficiency 4/4 | | 86 % |
| Electric current | A | 37.4 | Speed | 1/min | 2880 |
| Electric voltage | V | 400 V | 3~ | Hz | 50 |
| Starting mode | | Direct starting | | | |
| Degree of protection | | IP 68 | Insulation class | | F |

### Dimensions in mm

| | |
|---|---|
| H | 735 |
| L | 825.5 |
| ød | 144 |
| øD | G 3" |
| øMax | 190 |
| T | 1560 |



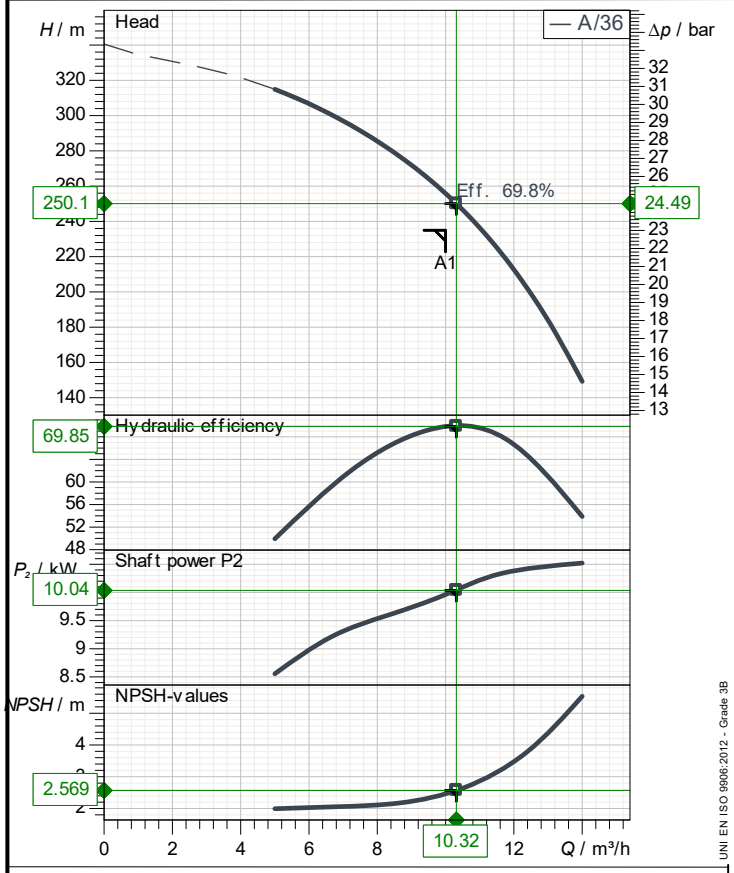
Remarks:

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-10 | 2025-04-10 |

# Technical data
## NR-151A/36

| Revision no | Page: |
|---|---|
| | 1 |

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |




UNI EN ISO 9906:2012 - Grade 3B

### Operating data specification

| | | |
|---|---|---|
| Nominal flow | m³/h | 10 |
| Nominal head | m | 235 |
| Static head | m | 0 |
| NPSH - value of plant | m | |
| Inlet pressure | bar | 0 |
| Fluid | | Water |
| Operating temperature t A | °C | 20 |
| Density at t A | kg/m³ | 998.3 |
| Kin. viscosity at t A | mm²/s | 1.005 |

### Pump

| | | | | |
|---|---|---|---|---|
| Pump name | | NR-151A/36 | | |
| Size | | | | |
| Design | | | | |
| Speed | 1/min | 2900 | No of stages | 36 |
| Impeller type | | Radial impeller | | |
| Flow | Nominal | | m³/h | 10.3 |
| | Max- | | m³/h | 14 |
| | Min- | | m³/h | 5 |
| Head | Nominal | | m | 250 |
| | Max- | | m | 315 |
| | Min- | | m | 149 |
| Head H(Q=0) | | | m | 341 |
| NPSH 3% | | | m | 2.57 |
| Max. working pressure | | | bar | 33.4 |
| Shaft power | | | kW | 10 |
| Efficiency | | | % | 69.8 |
| Max absorbed power | | | kW | 10.561 |

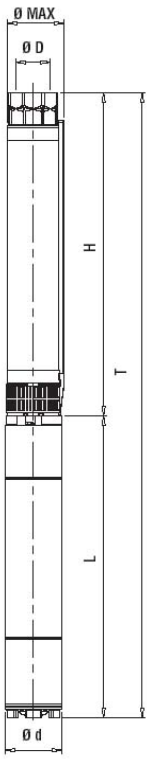
### Materials Pump

| | |
|---|---|
| Shaft | Stainless steel AISI 431 (1.4057) |
| Impeller | Polycarbonates |
| Diffuser | Polycarbonates |
| Suction support | Cast iron EN-GJL-250 |
| Outlet | Cast iron EN-GJL-250 |
| Pump pipe | Stainless steel AISI 304 (1.4301) |
| Cable cover | Stainless steel AISI 304 (1.4301) |
| Valve | Stainless steel AISI 304 (1.4301) + Polycarbonates |
| | |
| | |
| | |
| | |
| | |
| | |

| Motor | | Frame size | | 6" | |
|---|---|---|---|---|---|
| Manufacturer / Type | | SAER CL 140-15 | | | |
| Rated power | kW | 11 SF 1 | Efficiency 4/4 | | 85 % |
| Electric current | A | 23 | Speed | 1/min | 2880 |
| Electric voltage | V | 400 V | 3~ | Hz | 50 |
| Starting mode | | Direct starting | | | |
| Degree of protection | | IP 68 | Insulation class | | F |

### Dimensions in mm

| | |
|---|---|
| H | 1888 |
| ød | 144 |
| øD | G 2 1/2 |
| øMax | 150 |
| T | 2550 |

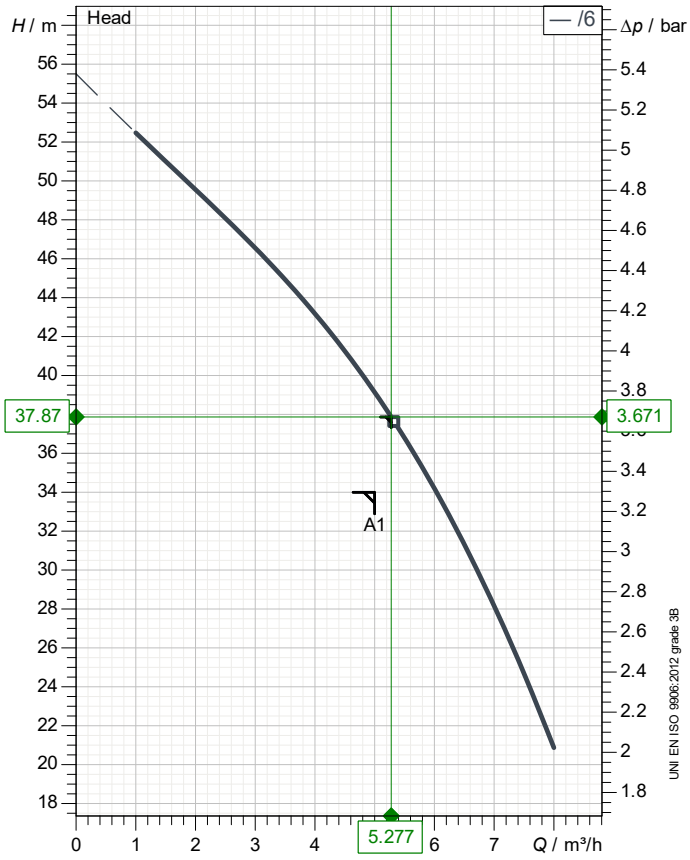



Remarks:

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-10 | 2025-04-10 |

| | | | |
|---|---|---|---|
| SAER ELETTROPOMPE | **Technical data**<br>OP32/6 | Revision no | Page:<br>1 |

| | Receiver | From |
|---|---|---|
| Company name | | |
| Respons. Department | | |
| Person in charge | | |
| Phone number | | |
| Fax no | | |
| E-mail address | | |




## Operating data specification

| | | |
|---|---|---|
| Nominal flow | m³/h | 5 |
| Nominal head | m | 34 |
| Static head | m | 0 |
| NPSH - value of plant | m | |
| Inlet pressure | bar | 0 |
| Fluid | | Water |
| Operating temperature t A | °C | 50 |
| Density at t A | kg/m³ | 988.1 |
| Kin. viscosity at t A | mm²/s | 0.5477 |

## Pump

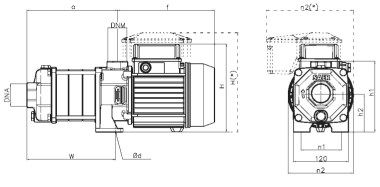
| | | | | |
|---|---|---|---|---|
| Pump name | | OP32/6 | | |
| Size | | | | |
| Design | | | | |
| Speed 1/min | 2900 | No of stages | 6 | |
| Impeller type | Radial impeller | | | |
| Flow | Nominal | | m³/h | 5.28 |
| | Max- | | m³/h | 8.01 |
| | Min- | | m³/h | 1 |
| Head | Nominal | | m | 37.9 |
| | Max- | | m | 52.5 |
| | Min- | | m | 20.8 |
| Head H(Q=0) | | | m | 55.5 |
| NPSH 3% | | | m | |
| Max working pressure | | | bar | 5.38 |
| Shaft power | | | kW | |
| Efficiency | | | % | |
| Max absorbed power | | | kW | |

## Materials Pump

| | |
|---|---|
| Shaft | Stainless steel AISI 431 (1.4057) |
| Impeller | Stainless steel AISI 304 (1.4301) |
| Diffuser | Stainless steel AISI 304 (1.4301) |
| Gasket | Natural fiber |
| Suction | Cast iron EN-GJL-250 |
| Delivery | Cast iron EN-GJL-250 |
| Mechanical seal | BVEG (Grafite/Ossido Allumina/EPDM) |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

## Dimensions in mm

| | |
|---|---|
| a | 282.5 |
| DNA | G1"1/4 |
| DNM | G1" |
| f | 238 |
| H | 200 |
| h1 | 170 |
| h2 | 80 |
| n1 | 87 |
| n2 | 160 |
| Ød | 11 |
| w | 275.5 |



| Motor | Frame size | | | |
|---|---|---|---|---|
| Manufacturer / Type | SAER 1,1 3~ | | | |
| Rated power kW | 1.1 SF 1.15 | Efficiency 4/4 | | |
| Electric current A | | Speed 1/min | | 2950 |
| Electric voltage V | 230 | 3~ | Hz | 50 |
| Starting mode | Unknown | | | |
| Degree of protection | IP 44 | Insulation class | | F |

Remarks:

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | **2025-04-11** | **2025-04-11** |

# Performance curves
## OP32/6

Revision no

Page: 2

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |

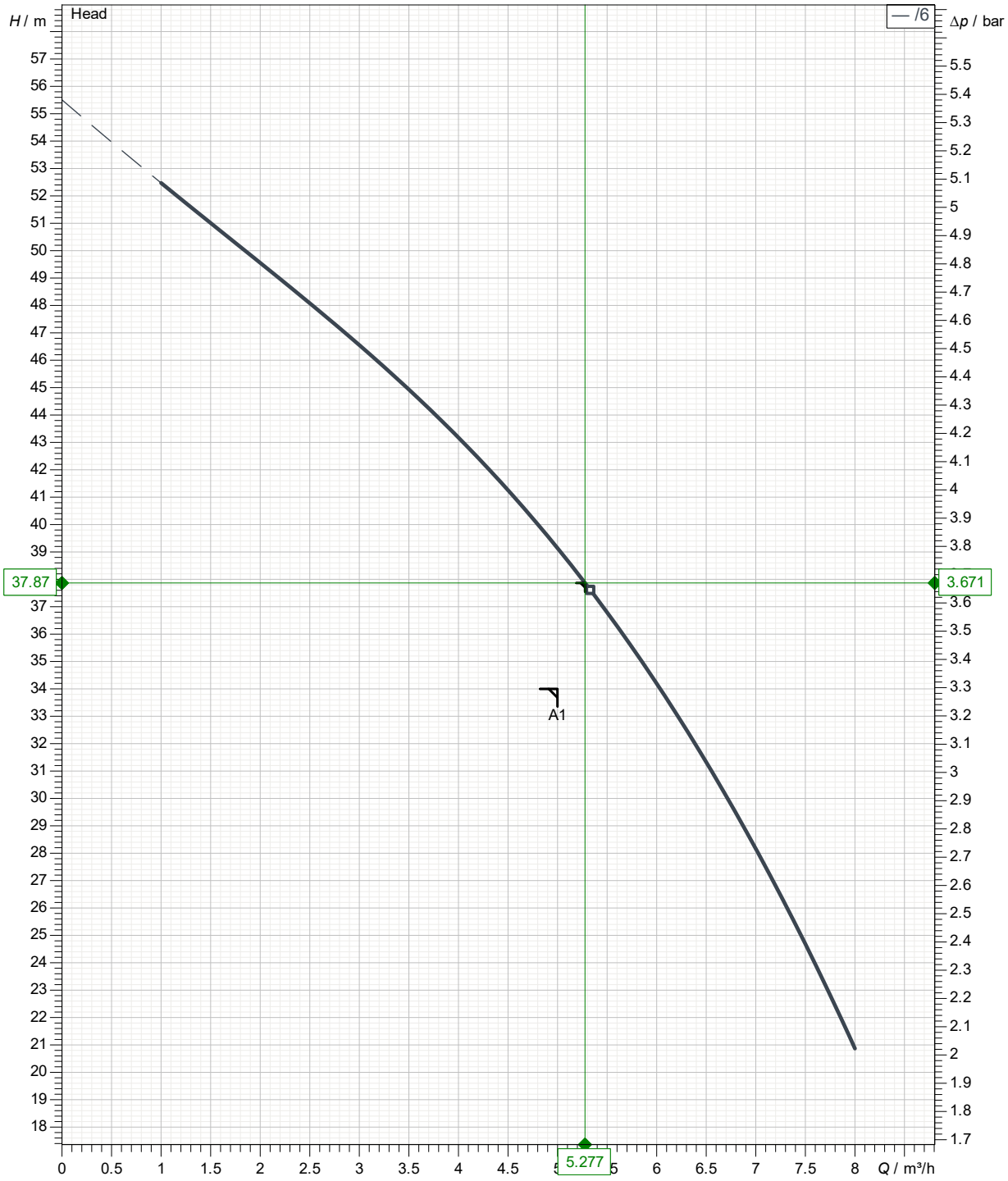
| Operating area | Flow | | Head | |
|---|---|---|---|---|
| Operating data specification | 5 | m³/h | 34 | m |
| Pump data | 5.28 | m³/h | 37.9 | m |

| Impeller type | Radial impeller |
|---|---|
| Impeller construction | Closed |
| Sense of rotation | Clockwise from the drive end |
| Outlet width | G1" |
| Speed 1/min | 2900 |
| Frequency Hz | 50 Hz |

| | Flow | | | Head | | Shaft power P2 | | |
|---|---|---|---|---|---|---|---|---|
| | Min. | Max. | η Max. | H(Q=0) | η Max. | P2(Q=0) | Max. | η Max. |
| | m³/h | m³/h | m³/h | m | m | kW | kW | kW |
| | 1 | 8 | 5.34 | 55.5 | 37.6 | | | |

Performance data based to: Water; 50°C; 988.1kg/m³; 0.5477mm²/s

UNI EN ISO 9906:2012 - Grade 3B




| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-11 | 2025-04-11 |

| | | |
|---|---|---|
| Company name | | |
| Respons. Department | | |
| Person in charge | | |
| Phone number | | |
| Fax no | | |
| E-mail address | | |

# Performance curves
## NR-151A/36

Revision no

Page: 2

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |

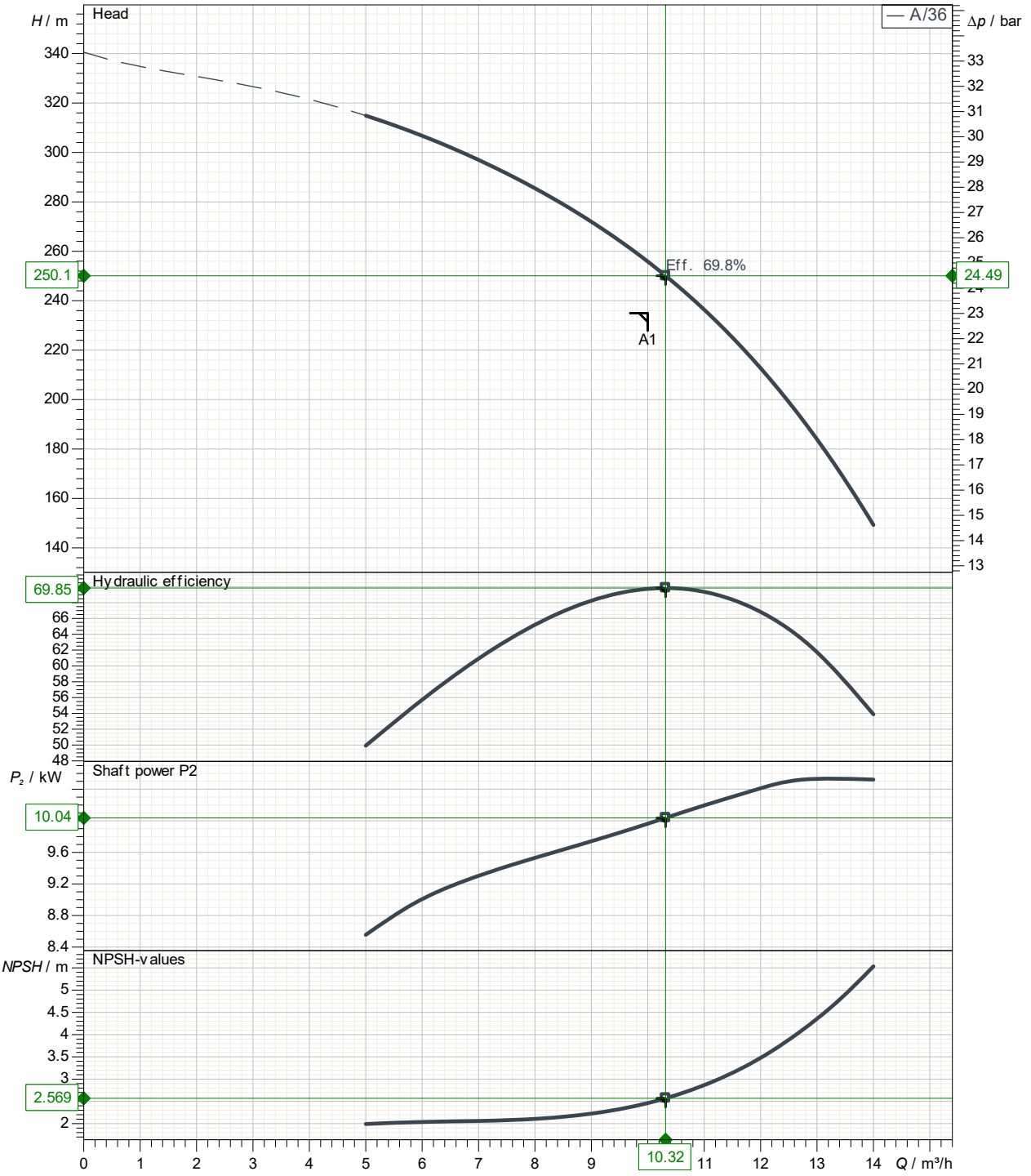
| Operating area | Flow | | Head | |
|---|---|---|---|---|
| Operating data specification | 10 | m³/h | 235 | m |
| Pump data | 10.3 | m³/h | 250 | m |

| | Flow | | | Head | | Shaft power P2 | | |
|---|---|---|---|---|---|---|---|---|
| | Min. | Max. | η Max. | H(Q=0) | η Max. | P2(Q=0) | Max. | η Max. |
| | m³/h | m³/h | m³/h | m | m | kW | kW | kW |
| | 5 | 14 | 10.3 | 341 | 250 | 8.56 | 10.6 | 10 |

| | |
|---|---|
| Impeller type | Radial impeller |
| Impeller construction | Closed |
| Sense of rotation | Clockwise from the drive end |
| Outlet width | G2½" |
| Speed 1/min | 2900 |
| Frequency Hz | 50 Hz |

Performance data based to: Water; 20°C; 998.3kg/m³; 1.005mm²/s

UNI EN ISO 9906:2012 - Grade 3B




| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-10 | 2025-04-10 |

SAER ELETTROPOMPE

Revision no

**Type of installation**

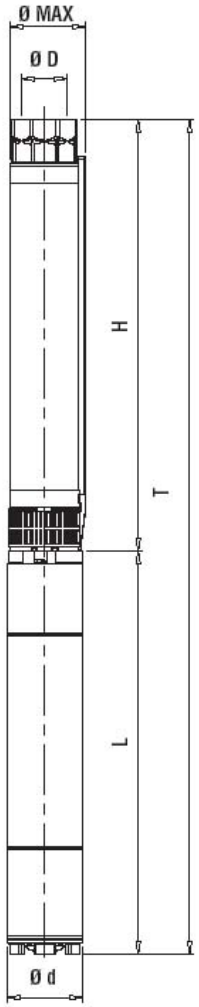
NR-151A/36

**Receiver**

**From**



Dimensions




Disegni dimensionali e immagini non vincolanti.Saer si riserva il diritto di effettuare cambiamenti senza alcun preavviso.
Dimensional drawing and picture are not binding.Saer reserves the right to make changes without prior notice.

**Connections**

| Suction side | Discharge port |
|---|---|
| | G2½" |

**Dimensions in mm**

| | | | |
|---|---|---|---|
| H | 1888 | | |
| ød | 144 | | |
| øD | G 2 1/2" | | |
| øMax | 150 | | |
| T | 2550 | | |

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | **2025-04-10** | **2025-04-10** |

# Performance curves
## NR-201C/3A

| Revision no | Page: |
|---|---|
| | 2 |

| Receiver | From |
|---|---|
| Company name | |
| Respons. Department | |
| Person in charge | |
| Phone number | |
| Fax no | |
| E-mail address | |

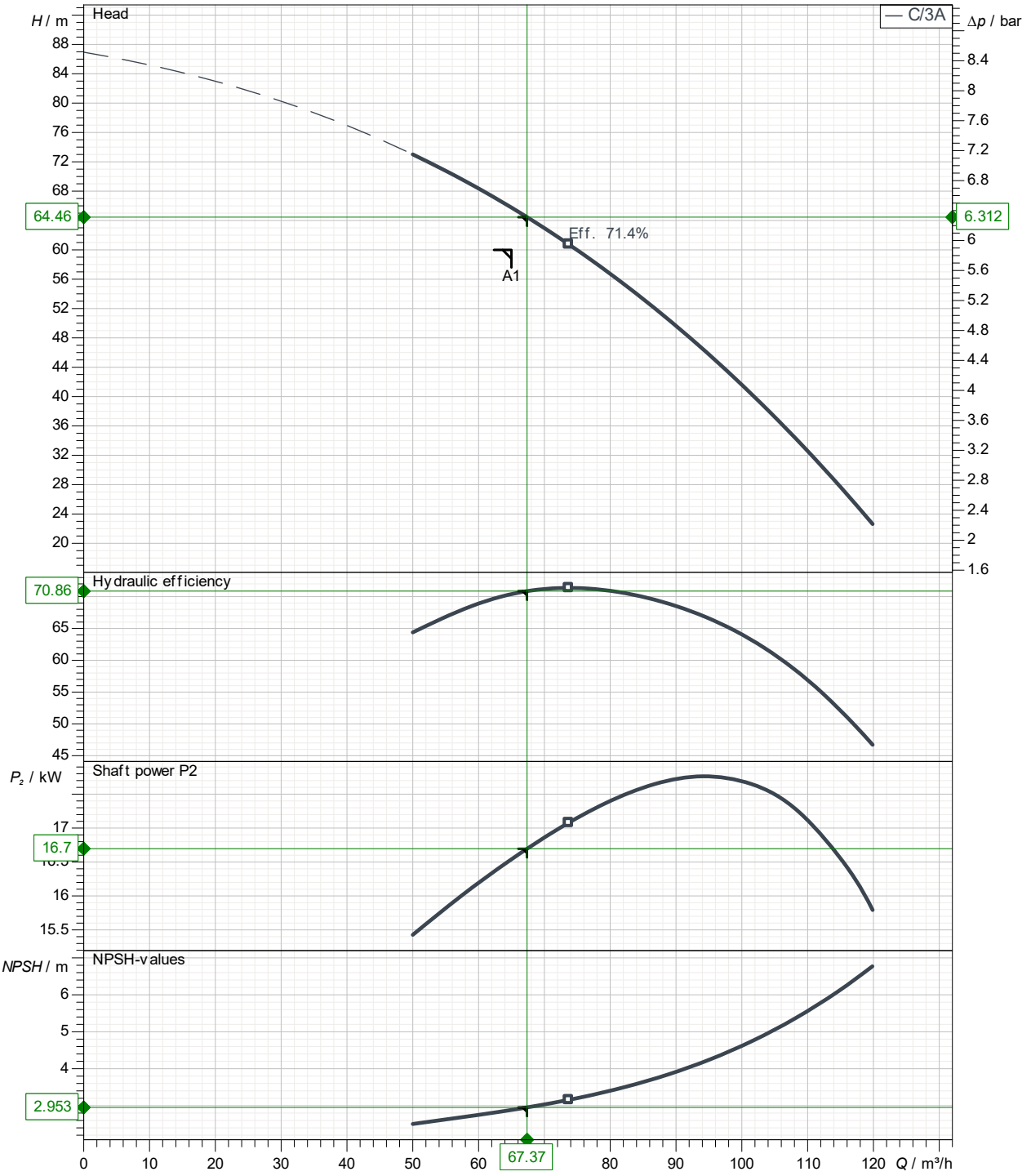
| Operating area | Flow | | Head | |
|---|---|---|---|---|
| Operating data specification | 65 | m³/h | 60 | m |
| Pump data | 67.4 | m³/h | 64.5 | m |

| Flow | | | Head | | Shaft power P2 | | |
|---|---|---|---|---|---|---|---|
| Min. | Max. | η Max. | H(Q=0) | η Max. | P2(Q=0) | Max. | η Max. |
| m³/h | m³/h | m³/h | m | m | kW | kW | kW |
| 50 | 120 | 73.7 | 86.9 | 60.8 | 15.4 | 17.8 | 17.1 |

| | |
|---|---|
| Impeller type | Radial impeller |
| Impeller construction | Closed |
| Sense of rotation | Clockwise from the drive end |
| Outlet width | G3" |
| Speed 1/min | 2900 |
| Frequency Hz | 50 Hz |

Performance data based to: Water; 20°C; 998.3kg/m³; 1.005mm²/s

UNI EN ISO 9906:2012 - Grade 3B




| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | 2025-04-10 | 2025-04-10 |

SAER ELETTROPOMPE

Revision no

**Type of installation**

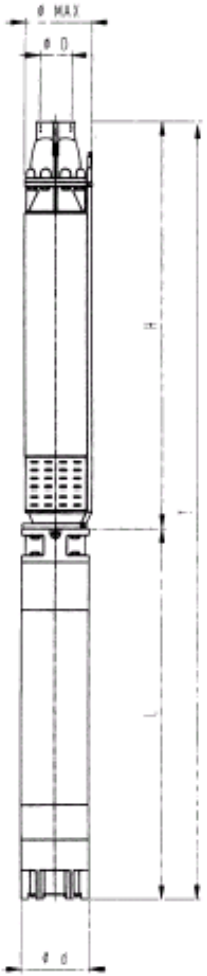
NR-201C/3A

**Receiver**

**From**

Page: 3

Dimensions




Disegni dimensionali e immagini non vincolanti.Saer si riserva il diritto di effettuare cambiamenti senza alcun preavviso.
Dimensional drawing and picture are not binding.Saer reserves the right to make changes without prior notice.

**Connections**

| Suction side | Discharge port |
|---|---|
| | G3" |

**Dimensions in mm**

| | | | |
|---|---|---|---|
| H | 735 | | |
| L | 825.5 | | |
| ød | 144 | | |
| øD | G 3" | | |
| øMax | 190 | | |
| T | 1560 | | |

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | **2025-04-10** | **2025-04-10** |

SAER ELETTROPOMPE

Revision no

**Type of installation**

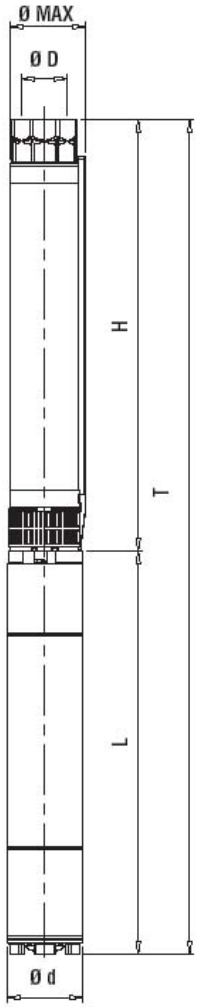
NR-151D/30

**Receiver**

**From**

Page: 3

Dimensions




Disegni dimensionali e immagini non vincolanti.Saer si riserva il diritto di effettuare cambiamenti senza alcun preavviso.
Dimensional drawing and picture are not binding.Saer reserves the right to make changes without prior notice.

**Connections**

| Suction side | Discharge port |
|---|---|
| | G2½" |

**Dimensions in mm**

| | | | |
|---|---|---|---|
| H | 1963 | | |
| ød | 144 | | |
| øD | G 2 1/2" | | |
| øMax | 150 | | |
| T | 2858 | | |

| MAIN_PROJECT_TITLE | BUSINESS_PROCESS_ID | OWNER_ | ISSUE_DATE | LAST_MODI_DATE |
|---|---|---|---|---|
| | | | **2025-04-10** | **2025-04-10** |