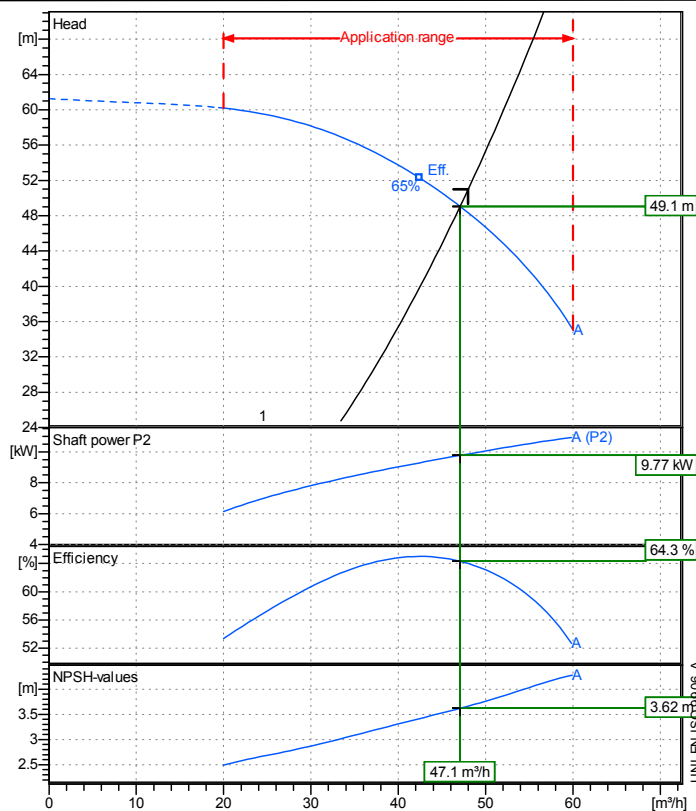


Receiver

From

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



### Operating data specification

|                           |             |
|---------------------------|-------------|
| Nominal flow              | m³/h 48     |
| Nominal head              | m 51        |
| Static head               | m 0         |
| NPSH - v value of plant   | m 0         |
| Inlet pressure            | kPa 0       |
| Fluid                     | Water, pure |
| 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             | IRX40-200NA |              |      |
| Size                  | 65/40/200   |              |      |
| Design                |             |              |      |
| Speed                 | rpm 2900    | No of stages | 1    |
| Impeller type         |             |              |      |
| Flow                  | Nominal     | m³/h         | 47.1 |
|                       | Max-        | m³/h         | 60.1 |
|                       | Min-        | m³/h         | 20   |
| Head                  | Nominal     | m            | 49.1 |
|                       | Max-        | m            | 60.2 |
|                       | Min-        | m            | 35   |
| Head H(Q=0)           | m 61.2      |              |      |
| NPSH 3%               | m 3.62      |              |      |
| Max. working pressure | kPa 600     |              |      |
| Shaft power           | kW 9.77     |              |      |
| Efficiency            | % 64.3      |              |      |
| Max absorbed power    | kW 10.921   |              |      |

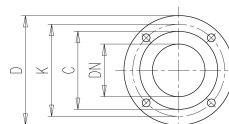
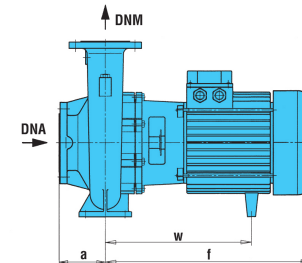
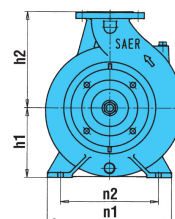
### Materials Pump

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Shaft             | Duplex Stainless steel (1.4362)                  |
| Impeller          | Precision cast Stainless steel AISI 316 (1.4408) |
| Pump body         | Cast Stainless steel AISI 316 (1.4408)           |
| Disco portatenuta | Cast Stainless steel AISI 316 (1.4408)           |
| Gasket            | Natural fiber                                    |
| Mechanical seal   | Q1Q1VG (SiC/SiC/Viton)                           |

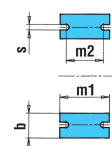
|                      |                   |                  |                |          |
|----------------------|-------------------|------------------|----------------|----------|
| Motor                | Frame size        | 132 M            |                |          |
| Manufacturer / Type  | SAER 132 S 2 - 11 |                  |                |          |
| Rated power          | kW                | 11               | Efficiency 4/4 | - %      |
| Electric current     | A                 |                  | Speed          | rpm 2950 |
| Electric voltage     | V                 | 400 V            | 3~             | Hz 50    |
| Starting mode        | Unknown           |                  |                |          |
| Degree of protection | IP 55             | Insulation class |                | F        |

### Dimensions in mm

|     |       |
|-----|-------|
| a   | 100   |
| b   | 50    |
| DNA | 65    |
| DNM | 40    |
| f   | 484.5 |
| h1  | 160   |
| h2  | 180   |
| m1  | 100   |
| m2  | 70    |
| n1  | 265   |
| n2  | 212   |
| s   | 14    |
| w   | 345   |

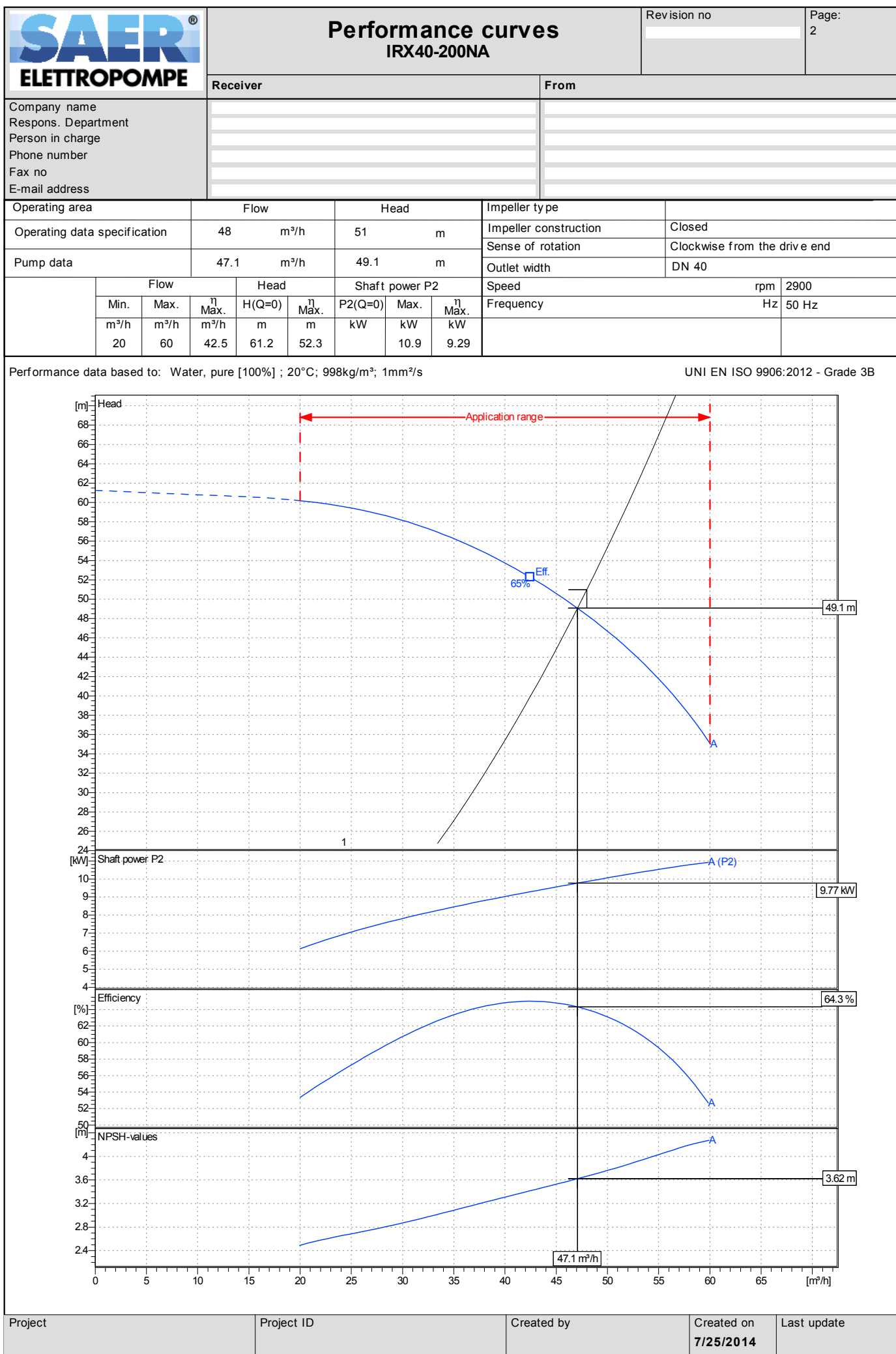


|    |     |    |     |
|----|-----|----|-----|
| C  | 88  | C  | 122 |
| D  | 150 | D  | 185 |
| DN | 40  | DN | 65  |
| K  | 110 | K  | 145 |
| n° | 4   | n° | 4   |
| øn | 19  | øn | 19  |

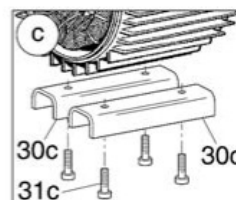
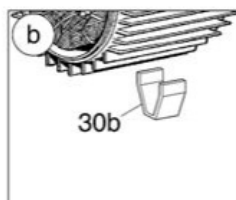
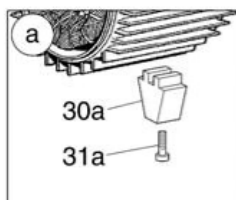
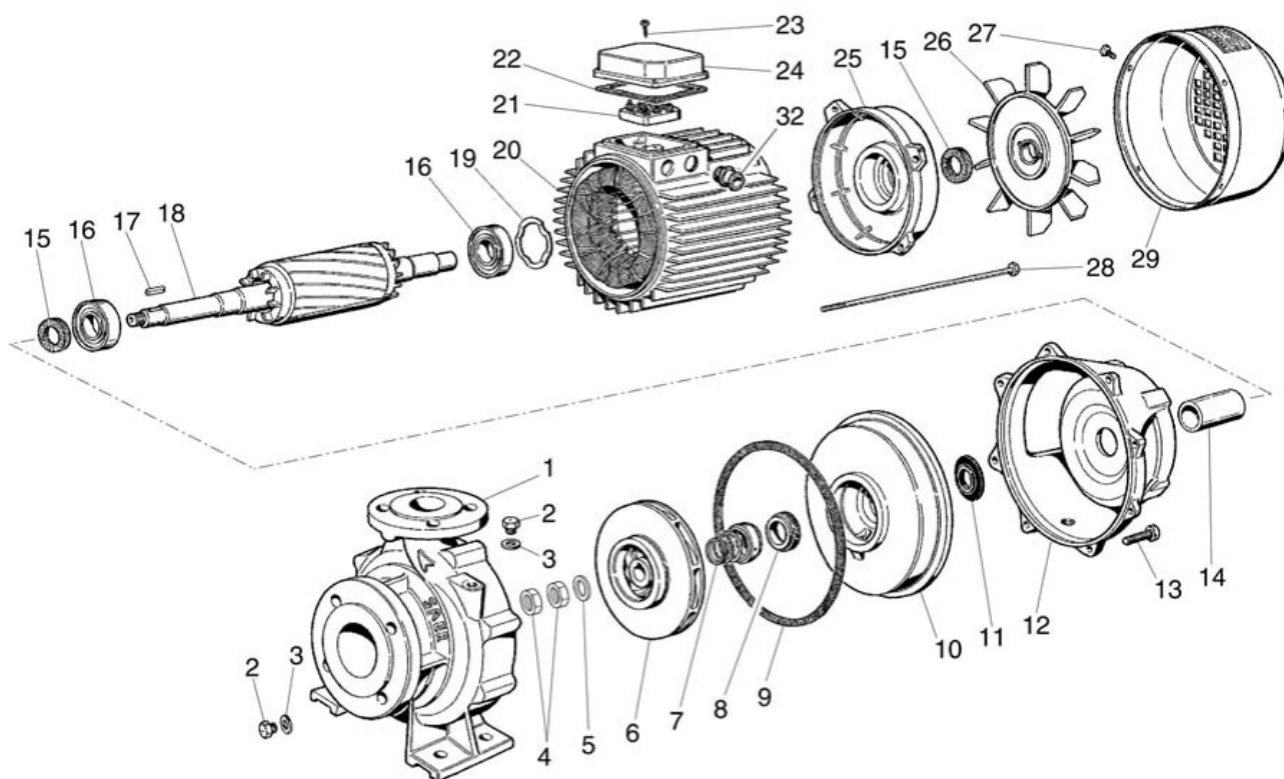


Remarks:

|         |            |            |            |             |
|---------|------------|------------|------------|-------------|
| Project | Project ID | Created by | Created on | Last update |
|         |            |            | 7/25/2014  |             |



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



Project

Project ID

Created by

Created on  
**7/25/2014**

Last update