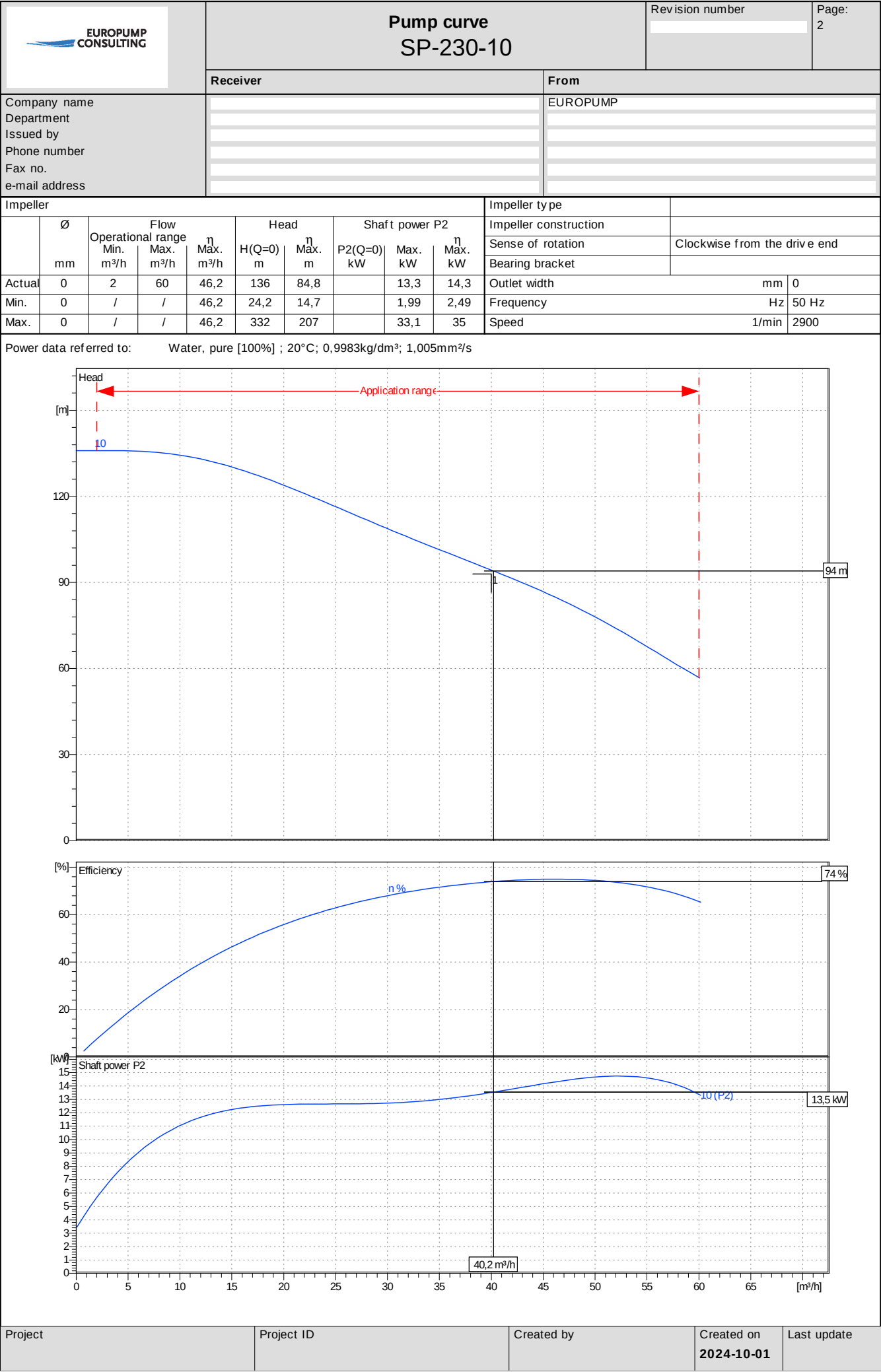


|                                                                                      |                           |                                             |                              |       |                        |                                   |          |            |             |
|--------------------------------------------------------------------------------------|---------------------------|---------------------------------------------|------------------------------|-------|------------------------|-----------------------------------|----------|------------|-------------|
|     |                           | <b>Technische Daten</b><br><b>SP-230-10</b> |                              |       |                        | Revision number                   |          | Page: 1    |             |
|                                                                                      |                           |                                             |                              |       |                        |                                   |          |            |             |
|                                                                                      |                           | <b>Receiver</b>                             |                              |       |                        | <b>From</b>                       |          |            |             |
| Company name<br>Department<br>Issued by<br>Phone number<br>Fax no.<br>e-mail address |                           |                                             |                              |       |                        | EUROPUMP                          |          |            |             |
| <b>Operating data specification</b>                                                  |                           |                                             |                              |       |                        |                                   |          |            |             |
| 1                                                                                    | Fluid                     | Wastewater without faeces                   |                              |       |                        | Flow                              | m³/h     | 40         |             |
| 2                                                                                    | Solids                    | Type                                        |                              |       |                        | Head                              | m        | 93         |             |
| 3                                                                                    |                           | Weight %                                    | 0                            |       |                        | Static head                       | m        | 0          |             |
| 4                                                                                    | pH-Wert bei t A           |                                             | 7                            |       | NPSH - Wert der Anlage |                                   | m        |            |             |
| 5                                                                                    | Operating temperature t A |                                             | °C 20                        |       | Vordruck               |                                   | bar      | 0,097923   |             |
| 6                                                                                    | Density at t A            |                                             | kg/dm³ 0,99819               |       | Altitude               |                                   | m        | 1000       |             |
| 7                                                                                    | Kin. viscosity at t A     |                                             | mm²/s 1,0004                 |       |                        |                                   |          |            |             |
| 8                                                                                    | Vapour pressure at t A    |                                             | bar 0,022045                 |       |                        |                                   |          |            |             |
| 9                                                                                    |                           |                                             |                              |       |                        |                                   |          |            |             |
| 10                                                                                   | <b>Pumpe</b>              |                                             |                              |       |                        |                                   |          |            |             |
| 11                                                                                   | Manufacturer              |                                             | EUROPUMP                     |       |                        | Impeller type                     |          |            |             |
| 12                                                                                   | Pumpenbezeichnung         |                                             | SP-230                       |       |                        | Impeller construction             |          |            |             |
| 13                                                                                   | Size                      |                                             |                              |       |                        | Impeller Ø                        | Max.     | mm         | 0           |
| 14                                                                                   | Design                    |                                             | Submersible Bore Hole Pump   |       |                        |                                   | designed | mm         | 0           |
| 15                                                                                   | Selbstsaugend             |                                             | <input type="checkbox"/> Yes |       |                        |                                   | Min.     | mm         | 0           |
| 16                                                                                   | Speed                     |                                             | 1/min 2900                   |       | Flow                   | Nominal                           | m³/h     | 46,2       |             |
| 17                                                                                   | Max. working pressure     |                                             | bar 13,4                     |       |                        | Max-                              | m³/h     | 60,1       |             |
| 18                                                                                   | Max. diff. pressure       |                                             | bar 13,3                     |       |                        | Min-                              | m³/h     | 0          |             |
| 19                                                                                   | Stufenzahl                |                                             | 10                           |       | Head                   | Nominal                           | m        | 94         |             |
| 20                                                                                   | No. diffusers             |                                             | 10                           |       |                        | Max-                              | m        | 56,7       |             |
| 21                                                                                   | Saugstutzen               | Pressure rating                             |                              |       |                        | Min-                              | m        | 136        |             |
| 22                                                                                   |                           | Nominal width                               |                              |       |                        | Nullf öderhöhe                    |          | m          | 136         |
| 23                                                                                   |                           | Norm                                        |                              |       |                        | NPSH 3%                           |          | m          |             |
| 24                                                                                   | Discharge port            | Pressure rating                             |                              |       |                        | Wellenleistung                    |          | kW         | 13,5        |
| 25                                                                                   |                           | Nominal width                               |                              |       |                        | Max. shaft power at max. impeller |          | kW         | 33,1        |
| 26                                                                                   |                           | Norm                                        |                              |       |                        | Wirkungsgrad                      |          | %          | 74          |
| 27                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 28                                                                                   | <b>Materials</b>          |                                             |                              |       |                        |                                   |          |            |             |
| 29                                                                                   | Pumpe                     |                                             |                              |       |                        | Wellendichtung                    |          |            |             |
| 30                                                                                   |                           |                                             |                              |       |                        | Material code                     |          |            |             |
| 31                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 32                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 33                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 34                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 35                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 37                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 36                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 38                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 39                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 40                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 41                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 42                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 43                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 44                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 45                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 46                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 47                                                                                   |                           |                                             |                              |       |                        |                                   |          |            |             |
| 48                                                                                   | <b>Motor</b>              |                                             |                              |       |                        | <b>Coupling</b>                   |          |            |             |
| 49                                                                                   | Manufacturer / Type       |                                             | EUROPUMP 160 M 2             |       |                        | Manufacturer / Type               |          |            |             |
| 50                                                                                   | Specific design           |                                             | 3 PH DM STD                  |       |                        | Series                            |          |            |             |
| 51                                                                                   | Rated power               | kW 15                                       | Speed                        | 1/min |                        | Spacer length                     |          | mm         |             |
| 52                                                                                   | Electric voltage          | V 400                                       | Electric current             | A 34  |                        | Frame size                        |          |            |             |
| 53                                                                                   | Degree of protection      | IP 68                                       | Frame size                   | 160 M |                        |                                   |          |            |             |
| 54                                                                                   | Type of protection        | --                                          | Explosion protection         | --    |                        |                                   |          |            |             |
| Remarks:                                                                             |                           |                                             |                              |       |                        |                                   |          |            |             |
|                                                                                      |                           |                                             |                              |       |                        |                                   |          |            |             |
| Project                                                                              |                           |                                             | Project ID                   |       |                        | Created by                        |          | Created on | Last update |
|                                                                                      |                           |                                             |                              |       |                        |                                   |          | 2024-10-01 |             |



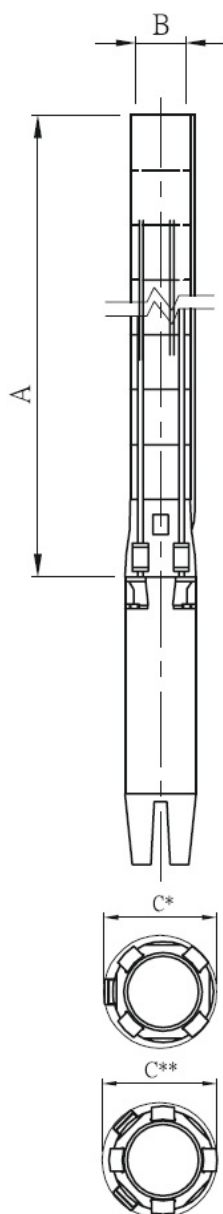
Receiver

From

Company name  
Department  
Issued by  
Phone number  
Fax no.  
e-mail address

EUROPUMP

50Hz-Bare pump - SP



## Dimensions And Weights

| Pump Type | Dimensions(mm) |                    |     |     | Net Weight(Kg) |
|-----------|----------------|--------------------|-----|-----|----------------|
|           | A              | B                  | C*  | C** | Pump           |
| SP230-2   | 496            | NPT/RP<br>3" or 4" | 146 |     | 9.2            |
| SP230-3-C | 609            |                    | 146 |     | 11.5           |
| SP230-3   | 609            |                    | 146 |     | 11.5           |
| SP230-4-C | 722            |                    | 146 |     | 13.8           |
| SP230-5   | 835            |                    | 149 | 152 | 16.0           |
| SP230-7   | 1061           |                    | 149 | 152 | 20.6           |
| SP230-8-C | 1174           |                    | 149 | 152 | 22.9           |
| SP230-10  | 1400           |                    | 149 | 152 | 27.4           |
| SP230-12  | 1626           |                    | 149 | 152 | 32.0           |
| SP230-15  | 1965           |                    | 149 | 152 | 38.8           |
| SP230-17  | 2191           |                    | 149 | 152 | 43.4           |
| SP230-19  | 2417           |                    | 149 | 152 | 47.9           |
| SP230-22  | 2756           |                    | 149 | 152 | 54.8           |
| SP230-24  | 2982           |                    | 149 | 152 | 59.3           |

C\*: Maximum diameter of pump with one motor cable

C\*\*: Maximum diameter of pump with two motor cable

Project

Project ID

Created by

Created on  
2024-10-01

Last update