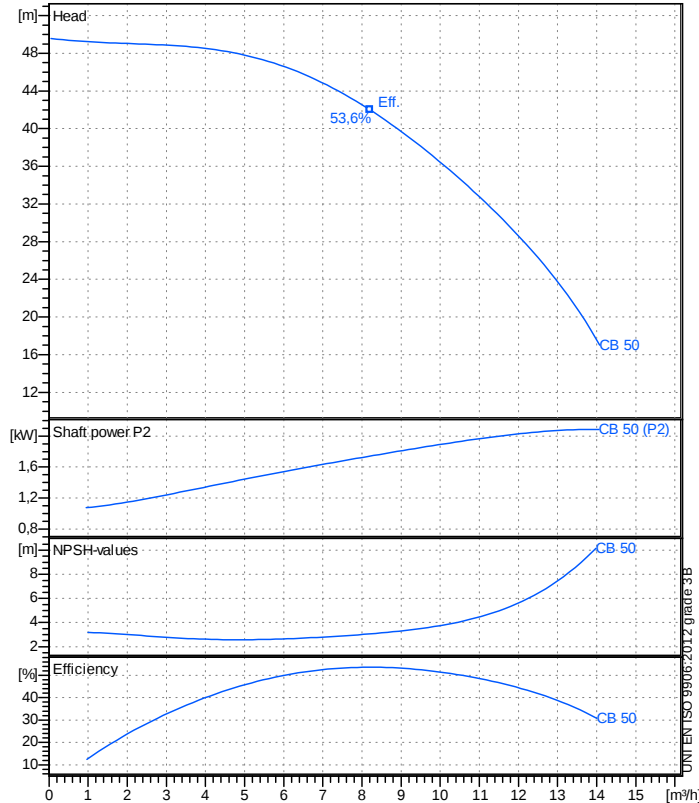


|                                                                                                     |                                                                         |  |                                                                                         |            |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|------------|
|                     | <b>Technical data</b><br><b>CB 50</b>                                   |  | Revision no<br><div style="border: 1px solid black; height: 15px; width: 100px;"></div> | Page:<br>1 |
|                                                                                                     | Receiver                                                                |  | From                                                                                    |            |
| Company name<br>Respons. Department<br>Person in charge<br>Phone number<br>Fax no<br>E-mail address | <div style="border: 1px solid black; height: 40px; width: 100%;"></div> |  |                                                                                         |            |



**Operating data specification**

|                           |             |         |
|---------------------------|-------------|---------|
| Nominal flow              | m³/h        | 0       |
| Nominal head              | m           | 0       |
| Static head               | m           | 0       |
| NPSH - v value of plant   | m           | 0       |
| Inlet pressure            | bar         | 0,09793 |
| 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   |

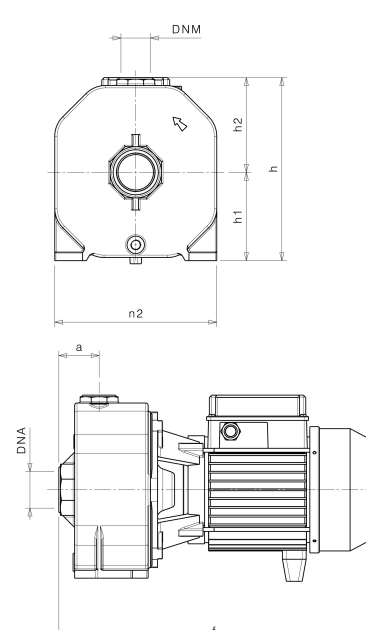
| Pump                  |         |       |                |
|-----------------------|---------|-------|----------------|
| Pump name             |         | CB 50 |                |
| Size                  |         |       |                |
| Design                |         |       |                |
| Speed                 | rpm     | 2900  | No of stages 1 |
| Impeller type         |         |       |                |
| Flow                  | Nominal | m³/h  |                |
|                       | Max-    | m³/h  | 14,1           |
|                       | Min-    | m³/h  | 0,0526         |
| Head                  | Nominal | m     |                |
|                       | Max-    | m     | 49,6           |
|                       | Min-    | m     | 17             |
| Head H(Q=0)           |         | m     | 49,6           |
| NPSH 3%               |         | m     |                |
| Max. working pressure |         | bar   | 4,86           |
| Shaft power           |         | kW    |                |
| Efficiency            |         | %     |                |
| Max absorbed power    |         | kW    | 2,0838         |

| Materials Pump       |                                   |                  |                |          |
|----------------------|-----------------------------------|------------------|----------------|----------|
| Shaft                | Stainless steel AISI 420 (1.4028) |                  |                |          |
| Impeller             | Brass                             |                  |                |          |
| Pump body            | Cast iron EN-GJL-200              |                  |                |          |
| Support              | Cast iron EN-GJL-200              |                  |                |          |
| OR                   | NBR Rubber                        |                  |                |          |
| Mechanical seal      | BXPB (Gra/Cer/NBR)                |                  |                |          |
| Diffuser             | Thermoplastic resin               |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
|                      |                                   |                  |                |          |
| Motor                | Frame size                        | 90 S             |                |          |
| Manufacturer / Type  | SAER 90 S 2 - 1,5 1~              |                  |                |          |
| Rated power          | kW                                | 1,5              | Efficiency 4/4 | 0 %      |
| Electric current     | A                                 | 11,5 A           | Speed          | rpm 2950 |
| Electric voltage     | V                                 | 230 V            | 1~             | Hz 50    |
| Starting mode        | Unknown                           |                  |                |          |
| Degree of protection | IP 44                             | Insulation class | F              |          |

| Dimensions in mm |          |
|------------------|----------|
| a                | 51       |
| DNA              | G 1 1/2" |
| DNM              | G 1"     |
| f                | 393      |
| h                | 232      |
| h1               | 112      |
| h2               | 120      |
| n2               | 205      |



|          |            |            |            |             |
|----------|------------|------------|------------|-------------|
| Remarks: |            |            |            |             |
| Project  | Project ID | Created by | Created on | Last update |
|          |            |            | 2019-02-13 |             |