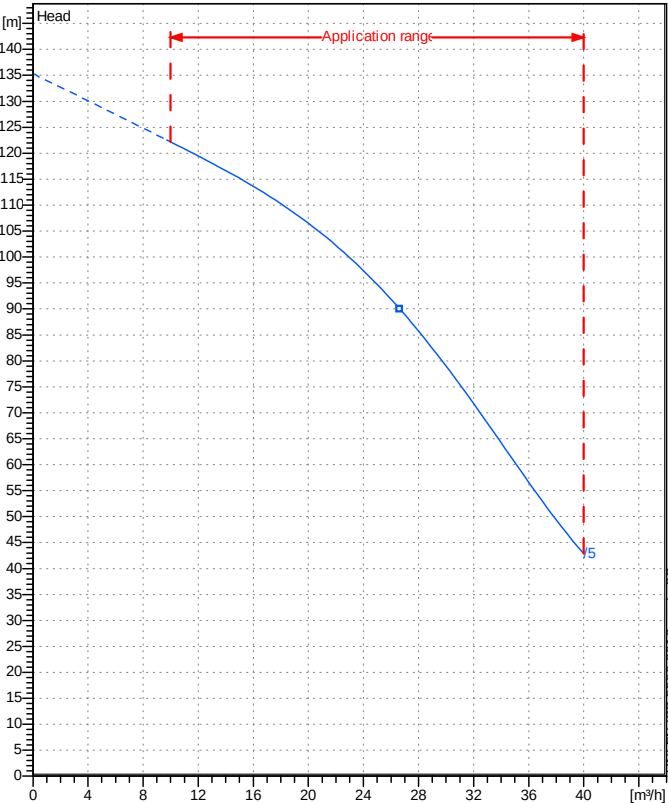


|                                                                                                     |                                                            |  |                                                                                         |            |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------|--|-----------------------------------------------------------------------------------------|------------|
|                     | <b>Technical data</b><br><b>OP65/5</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: 50px;"></div> |  |                                                                                         |            |



UNITEN ISO 9906:2012 grade 3B

**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   |

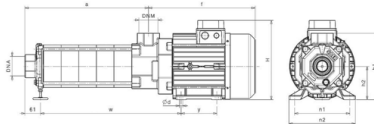
| Pump                  |                 |                |
|-----------------------|-----------------|----------------|
| Pump name             | OP65/5          |                |
| Size                  |                 |                |
| Design                |                 |                |
| Speed rpm             | 2900            | No of stages 5 |
| Impeller type         | Radial impeller |                |
| Flow                  | Nominal         | m³/h           |
|                       | Max-            | m³/h 40        |
|                       | Min-            | m³/h 10        |
| Head                  | Nominal         | m              |
|                       | Max-            | m 122          |
|                       | Min-            | m 42,9         |
| Head H(Q=0)           | m 135           |                |
| NPSH 3%               | m               |                |
| Max. working pressure | bar 13,2        |                |
| Shaft power           | kW              |                |
| Efficiency            | %               |                |
| Max absorbed power    | kW 0            |                |

| Materials Pump       |                                   |                  |       |
|----------------------|-----------------------------------|------------------|-------|
| Shaft                | Stainless steel AISI 431 (1.4057) |                  |       |
| Impeller             | Cast iron EN-GJL-250              |                  |       |
| Diffuser             | Cast iron EN-GJL-250              |                  |       |
| Gasket               | Natural fiber                     |                  |       |
| Aspirazione          | Cast iron EN-GJL-250              |                  |       |
| Mandata              | Cast iron EN-GJL-250              |                  |       |
| Mechanical seal      | Stahl                             |                  |       |
|                      |                                   |                  |       |
|                      |                                   |                  |       |
|                      |                                   |                  |       |
|                      |                                   |                  |       |
|                      |                                   |                  |       |
|                      |                                   |                  |       |
|                      |                                   |                  |       |
| Motor                | Frame size                        |                  |       |
| Manufacturer / Type  | SAER 9,2 3~                       |                  |       |
| Rated power kW       | 9,2                               | Efficiency 4/4   | 0 %   |
| Electric current A   | 18 A                              | Speed rpm        | 2950  |
| Electric voltage V   | 380-415 V                         | 3~               | Hz 50 |
| Starting mode        | Directly                          |                  |       |
| Degree of protection | IP 68                             | Insulation class | F     |

| Dimensions in mm |        |  |  |  |
|------------------|--------|--|--|--|
| a                | 484    |  |  |  |
| DNA              | G2"1/2 |  |  |  |
| DNM              | G2"1/2 |  |  |  |
| f                | 420    |  |  |  |
| H                | 310    |  |  |  |
| h1               | 260    |  |  |  |
| h2               | 132    |  |  |  |
| n1               | 216    |  |  |  |
| n2               | 260    |  |  |  |
| Od               | 13     |  |  |  |
| w                | 551    |  |  |  |
| y                | 140    |  |  |  |



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