

Company name: Created by: Phone:

Date: 05/03/2018 Position Qty. Description Unilift AP50.50.11.3.V 1 Note! Product picture may differ from actual product Product No.: 96010562 Submersible drainage pump type Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 3-phase totally enclosed motor in insulation class F. The pump is fitted with a suction strainer. The impeller is a VORTEX impeller for 50 mm free passage suitable for pumping groundwater, surface water, rain water and similar. The pump has a double shaft seal and an intermediate oil chamber pre-filled with non-toxic special oil. The pump has a riser pipe, a cooling jacket for continuous cooling of the motor by the pumped liquid and long-life deep-groove greased-for-life ball bearings. The pump is ready for use as it is fitted with carrying handle and is supplied with a 10 m mains cable. The mains cable is of the plug type with glass sealing compound in the socket to prevent penetration of humidity into the stator windings. Liquid: Pumped liquid: Any Newtonian liquid Liquid temperature range: 0.55 °C Density: 998.2 kg/m<sup>3</sup> **Technical:** Type of impeller: VORTEX Maximum particle size: 50 mm Materials: Pump housing: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Impeller: Stainless steel



Company name: Created by:

|        |      | UNDFOS   |  | Date:    | 05/03/2018 |  |
|--------|------|--|--|----------|------------|--|
| sition | Qty. | Description  |  |          |            |  |
|        |      |  | DIN WNr<br>AISI 304  | . 1.4301 |            |  |
|        |      | <b>Installation:</b><br>Pump outlet:<br>Maximum installation depth:  | Rp 2<br>7 m  |          |            |  |
|        |      | Electrical data:<br>Power input - P1:<br>Mains frequency:<br>Rated voltage:<br>Rated current:<br>Cos phi - power factor:<br>Rated speed:<br>Enclosure class (IEC 34-5):<br>Insulation class (IEC 85):<br>Length of cable:<br>Type of cable plug: | 1.9 kW<br>50 Hz<br>3 x 400 V<br>3 A<br>0,88<br>2785 rpm<br>IP68<br>F<br>10 m<br>NONE |          |            |  |
|        |      | Others:<br>Net weight:<br>Gross weight:  | 15.6 kg<br>16 kg   |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |
|        |      |  |  |          |            |  |



## Company name: Created by: Phone:

|                                     |                        | Date:     | 05/03 |                              |
|-------------------------------------|------------------------|-----------|-------|------------------------------|
| Description                         | Value                  | H<br>[m]  |       | Unilift AP50.50.11.3.V, 50Hz |
| General information:                |                        |           |       |                              |
| Product name:                       | Unilift AP50.50.11.3.V | 13 -      |       |                              |
| Product No:                         | 96010562               | 12        |       |                              |
| EAN number:                         | 5700390900564          | — " N     |       |                              |
|                                     |                        | 11-       |       |                              |
| Technical:                          |                        | 10 -      |       |                              |
| Max flow:                           | 8.89 l/s               | 9 -       |       |                              |
| Head max:                           | 13 m                   | 0         |       |                              |
| Type of impeller:                   | VORTEX                 | 8 -       |       |                              |
| Maximum particle size:              | 50 mm                  | 7 -       |       |                              |
|                                     |                        | 6 -       |       |                              |
| Materials:                          |                        | 5 -       |       |                              |
| Pump housing:                       | Stainless steel        |           |       |                              |
|                                     | DIN WNr. 1.4301        | 4 -       | /     |                              |
| here all a m                        | AISI 304               | 3-        |       |                              |
| Impeller:                           | Stainless steel        | 2         |       |                              |
|                                     | DIN WNr. 1.4301        | _ /       |       |                              |
|                                     | AISI 304               |           |       |                              |
| Installation:                       |                        |           | 2 3 4 | 5 6 7 8 9 Q [l/s]            |
| Pump outlet:                        | Rp 2                   | P1 - [kW] | 2 3 4 |                              |
| Maximum installation depth:         | 7 m                    | [kW]      |       |                              |
| Inst dry/wet:                       | D/S                    | 1.6 -     |       |                              |
| Installation:                       | horizontal or vertical | 1.4       |       |                              |
|                                     |                        | 1.2 -     |       |                              |
| Liquid:                             |                        | 1.0 -     |       |                              |
| Pumped liquid:                      | Any Newtonian liquid   | 0.8       |       |                              |
| Liquid temperature range:           | 0 55 °C                | 0.6 -     |       |                              |
| Density:                            | 998.2 kg/m³            | 0.4 -     |       |                              |
|                                     |                        | 0.2 -     |       |                              |
| Electrical data:                    |                        | 0         |       |                              |
| Power input - P1:                   | 1.9 kW                 |           |       |                              |
| P2:                                 | 1.2 kW                 |           |       |                              |
| Mains frequency:                    | 50 Hz                  |           |       |                              |
| Rated voltage:                      | 3 x 400 V              |           |       |                              |
| Rated current:                      | 3 A                    |           |       |                              |
| Cos phi - power factor:             | 0,88                   |           |       |                              |
| Rated speed:                        | 2785 rpm               |           |       |                              |
| Enclosure class (IEC 34-5):         | IP68<br>F              |           |       |                              |
| Insulation class (IEC 85):          |                        |           |       |                              |
| Motor protec:                       | NONE                   |           |       |                              |
| Thermal protec:<br>Length of cable: | external               |           |       |                              |
| Type of cable plug:                 | 10 m<br>NONE           |           |       |                              |
| i ype of cable plug.                | NONE                   |           |       |                              |
| Others:                             |                        |           |       |                              |
| Net weight:                         | 15.6 kg                |           |       |                              |
| Gross weight:                       | 16 kg                  |           |       |                              |
|                                     |                        |           |       |                              |