

Company name: Created by: Phone:

Date: 27/02/2018 Position Qty. Description Unilift AP12.50.11.A1 1 Note! Product picture may differ from actual product Product No.: 96404182 Submersible drainage pump type Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 1-phase totally enclosed motor in insulation class F with thermal overload protection. The pump is fitted with suction strainer and level switch for automatic start and stop. The impeller is a SEMI OPEN impeller for 12 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: SEMI OPEN Maximum particle size: 12 mm Materials:

Stainless steel

Pump housing:



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|        |      |                             | Dat                       | e:   | 27/02/2018 |
| sition | Qty. | Description                 |                           | 204  |            |
|        |      |                             | DIN WNr. 1.43<br>AISI 304 | 301  |            |
|        |      | Impeller:                   | Stainless steel           |      |            |
|        |      |                             | DIN WNr. 1.43             | 301  |            |
|        |      |                             | AISI 304                  |      |            |
|        |      | Installation:               |                           |      |            |
|        |      | Pump outlet:                | Rp 2                      |      |            |
|        |      | Maximum installation depth: | 7 m                       |      |            |
|        |      | Electrical data:            |                           |      |            |
|        |      | Type of motor:              | PSC                       |      |            |
|        |      | Power input - P1:           | 1.7 kW                    |      |            |
|        |      | Mains frequency:            | 50 Hz                     |      |            |
|        |      | Rated voltage:              | 1 x 230 V                 |      |            |
|        |      | Rated current:              | 8.5 A                     |      |            |
|        |      | Cos phi - power factor:     | 0,92                      |      |            |
|        |      | Rated speed:                | 2760 rpm                  |      |            |
|        |      | Capacitor size - run:       | 20 µF/400 V               |      |            |
|        |      | Enclosure class (IEC 34-5): | IP68                      |      |            |
|        |      | Insulation class (IEC 85):  | F                         |      |            |
|        |      | Length of cable:            | 10 m                      |      |            |
|        |      | Type of cable plug:         | NONE                      |      |            |
|        |      | Others:                     |                           |      |            |
|        |      | Net weight:                 | 15 kg                     |      |            |
|        |      | Gross weight:               | 16 kg                     |      |            |
|        |      |                             |                           |      |            |
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|-----------------------------|------------------------|---------------------------|-----------------------------|-------|-----------|------|
| Description                 | Value                  | H<br>[m]                  | Unilift AP12.50.11.A1, 50Hz |       |           |      |
| General information:        |                        | <b>—</b> · · · <b>—</b> — |                             |       |           |      |
| Product name:               | Unilift AP12.50.11.A1  |                           |                             |       |           |      |
| Product No:                 | 96404182               | 16                        |                             |       |           |      |
| EAN number:                 | 5700390910303          |                           |                             |       |           |      |
|                             | 3700330310303          | 14                        |                             |       |           |      |
| Technical:                  |                        | 14 -                      |                             |       |           |      |
| Max flow:                   | 8.33 l/s               | 12 -                      |                             |       |           |      |
| Head max:                   | 17 m                   | 12-                       |                             |       |           |      |
| Type of impeller:           | SEMI OPEN              |                           |                             |       |           |      |
| Maximum particle size:      | 12 mm                  | 10 -                      |                             |       |           | - 50 |
| Maximum particle size.      | 12 11111               | —                         |                             |       |           |      |
| Materials:                  |                        | 8 -                       |                             |       |           | - 40 |
| Pump housing:               | Stainless steel        |                           |                             |       |           |      |
|                             | DIN WNr. 1.4301        | 6 -                       |                             |       |           | - 30 |
|                             | AISI 304               |                           |                             |       |           |      |
| Impeller:                   | Stainless steel        | 4 -                       |                             |       |           | - 20 |
|                             | DIN WNr. 1.4301        | _   /                     |                             |       |           |      |
|                             | AISI 304               | 2                         |                             |       |           | - 10 |
|                             | A101 304               | — I/ L                    |                             |       |           |      |
| Installation:               |                        | 0                         | 2 3 4                       | 5 6 7 | 8 Q [l/s] | μo   |
| Pump outlet:                | Rp 2                   | P1                        | 2 3 4                       |       | 5 Q [//S] | 1    |
| Maximum installation depth: | 7 m                    | [kW]                      |                             |       |           |      |
| Inst dry/wet:               | D/S                    |                           |                             |       |           |      |
| Installation:               | horizontal or vertical |                           |                             |       |           |      |
| Installation:               | nonzontal or vertical  | 1.5 -                     |                             |       |           |      |
| Liquid:                     |                        | _                         |                             |       |           |      |
| Pumped liquid:              | Any Newtonian liquid   | 1.0                       |                             |       |           | -    |
| Liquid temperature range:   | 0 55 °C                |                           |                             |       |           |      |
|                             |                        | 0.5 -                     |                             |       |           |      |
| Density:                    | 998.2 kg/m³            |                           |                             |       |           |      |
| Electrical data:            |                        | _                         |                             |       |           |      |
| Type of motor:              | PSC                    | 0                         |                             |       |           | J    |
| Power input - P1:           | 1.7 kW                 |                           |                             |       |           |      |
| P2:                         | 1.1 kW                 |                           |                             |       |           |      |
| Mains frequency:            | 50 Hz                  |                           |                             |       |           |      |
|                             |                        |                           |                             |       |           |      |
| Rated voltage:              | 1 x 230 V              |                           |                             |       |           |      |
| Rated current:              | 8.5 A                  |                           |                             |       |           |      |
| Cos phi - power factor:     | 0,92                   |                           |                             |       |           |      |
| Rated speed:                | 2760 rpm               |                           |                             |       |           |      |
| Capacitor size - run:       | 20 µF/400 V            |                           |                             |       |           |      |
| Enclosure class (IEC 34-5): | IP68                   |                           |                             |       |           |      |
| Insulation class (IEC 85):  | F                      |                           |                             |       |           |      |
| Motor protec:               | CONTACT                |                           |                             |       |           |      |
| Thermal protec:             | internal               |                           |                             |       |           |      |
| Length of cable:            | 10 m                   |                           |                             |       |           |      |
| Type of cable plug:         | NONE                   |                           |                             |       |           |      |
|                             |                        |                           |                             |       |           |      |
| Controls:                   |                        |                           |                             |       |           |      |
| Level switch:               | float switch           |                           |                             |       |           |      |
| Others:                     |                        |                           |                             |       |           |      |
| Net weight:                 | 15 kg                  |                           |                             |       |           |      |
| Gross weight:               | 16 kg                  |                           |                             |       |           |      |
| Gross Weight.               | IUNY                   |                           |                             |       |           |      |