

## UNILIFT AP35B.50.08.A1V 1x230V 5m SCH

Grundfos pump 96004574



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<https://www.lenntech.com/grundfos/AP35B/96004574/UNILIFT-AP35B-50-08-A1-V.html>

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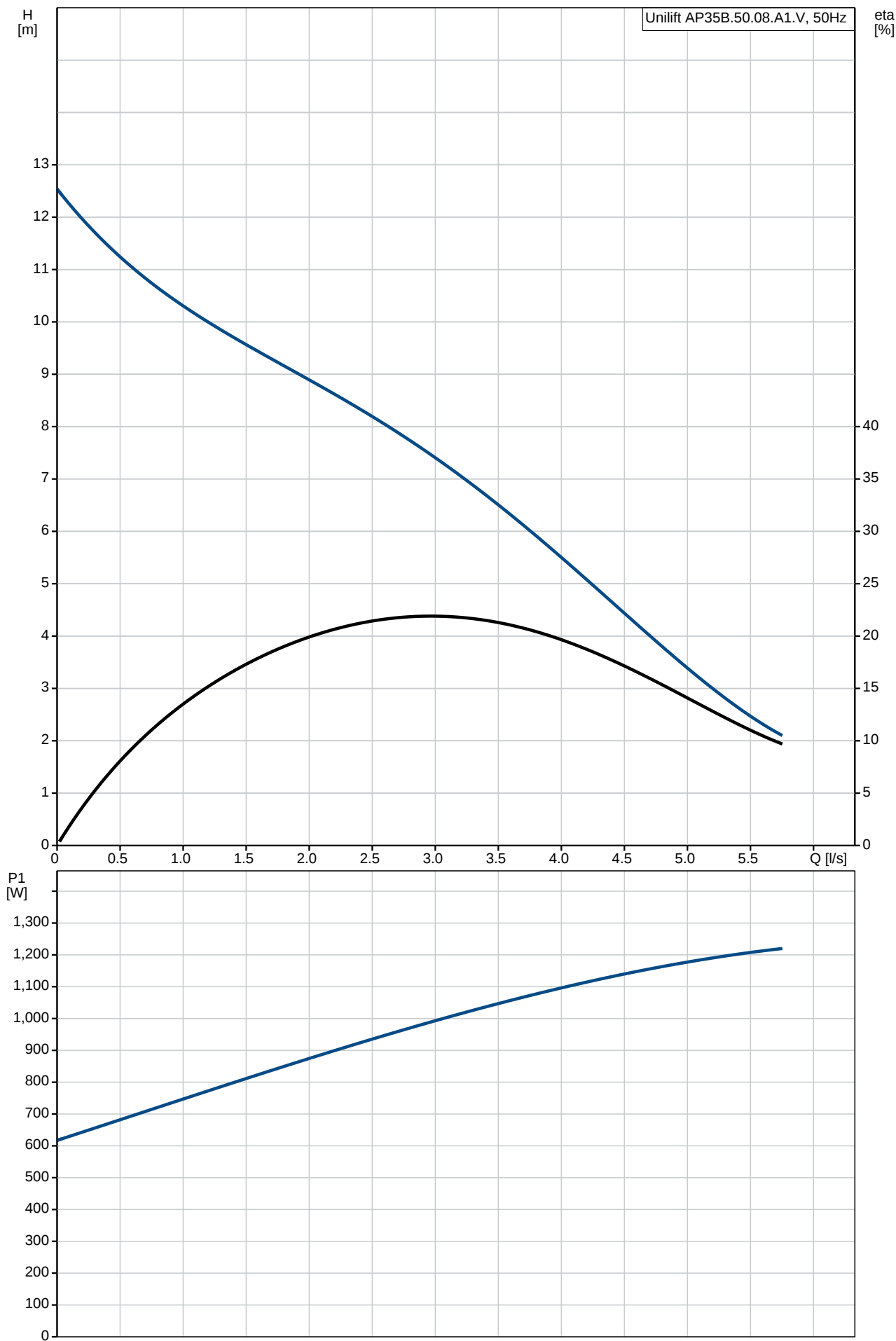
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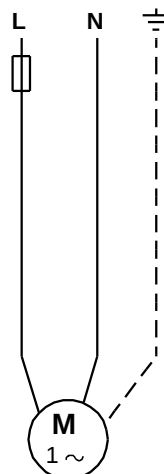
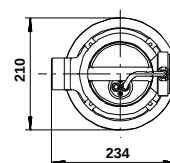
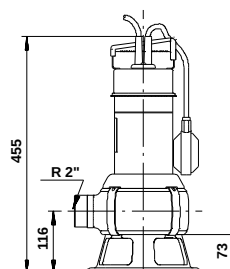
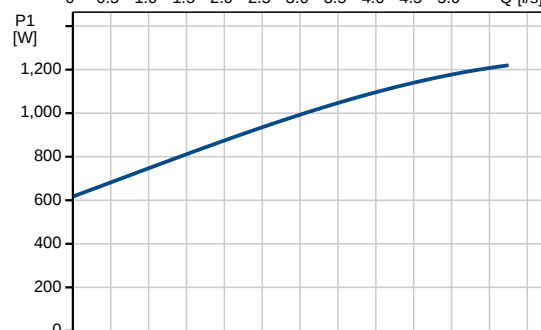
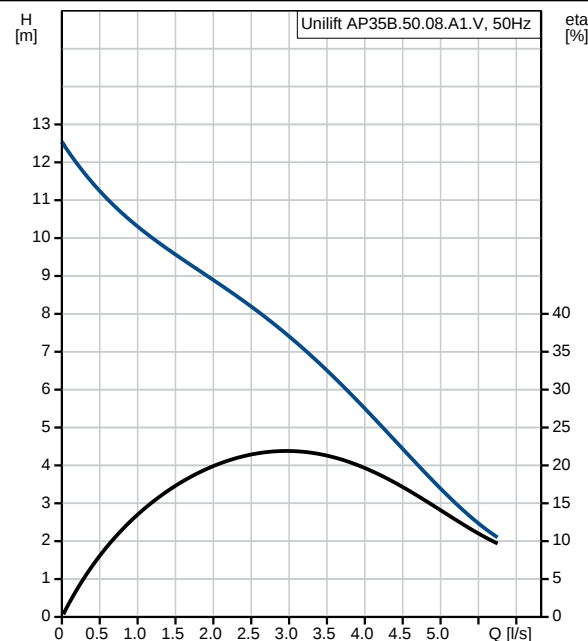
| Position | Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 1    | <p><b>Unilift AP35B.50.08.A1.V</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: On request<br/>Submersible effluent pump</p> <p>Vertical single-stage stainless steel submersible pump with integrated submersible 1-phase motor.</p> <p>The pump is fitted with ring stand and carrying handle and is supplied with a 5 m mains cable and a level switch for automatic start and stop.</p> <p>The impeller is a VORTEX impeller for 35 mm free passage suitable for pumping surface water, groundwater, wastewater and similar.</p> <p>The pump has a double shaft seal and an intermediate oil chamber pre-filled with non-toxic special oil.</p> <p>The motor is insulation class F with thermal overload protection and has long-life deep-groove greased-for-life ball bearings.</p> <p>The pump has R 2" discharge port and is ready for installation either free-standing or on an auto-coupling system.</p> <p><b>Liquid:</b><br/>Maximum liquid temperature: 40 °C<br/>Density: 998.2 kg/m³</p> <p><b>Technical:</b><br/>Type of impeller: VORTEX<br/>Maximum particle size: 35 mm</p> <p><b>Materials:</b><br/>Pump housing: Stainless steel<br/>DIN W.-Nr. 1.4301<br/>AISI 304<br/>Impeller: Stainless steel<br/>DIN W.-Nr. 1.4301<br/>AISI 304</p> <p><b>Installation:</b><br/>Pump outlet: R 2"<br/>Maximum installation depth: 2 m<br/>Auto-coupling: Y</p> |

| Position | Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |      | <b>Electrical data:</b><br>Type of motor: PSC<br>Power input - P1: 1.25 kW<br>Mains frequency: 50 Hz<br>Rated voltage: 1 x 230 V<br>Rated current: 5.44 A<br>Cos phi - power factor: 0.98<br>Rated speed: 2795 rpm<br>Capacitor size - run: 16 µF/400 V<br>Enclosure class (IEC 34-5): IP68<br>Insulation class (IEC 85): F<br>Length of cable: 5 m<br>Type of cable plug: SCHUKO<br><br><b>Others:</b><br>Net weight: 11 kg<br>Gross weight: 11.6 kg<br>Danish VVS No.: 391270332<br>Swedish RSK No.: 5885934<br>Finnish: LVI NO 4822555<br>Norwegian NRF no.: 9045691 |

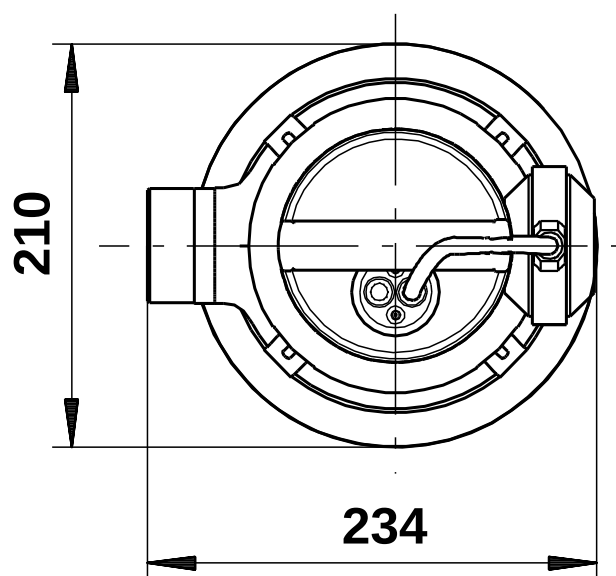
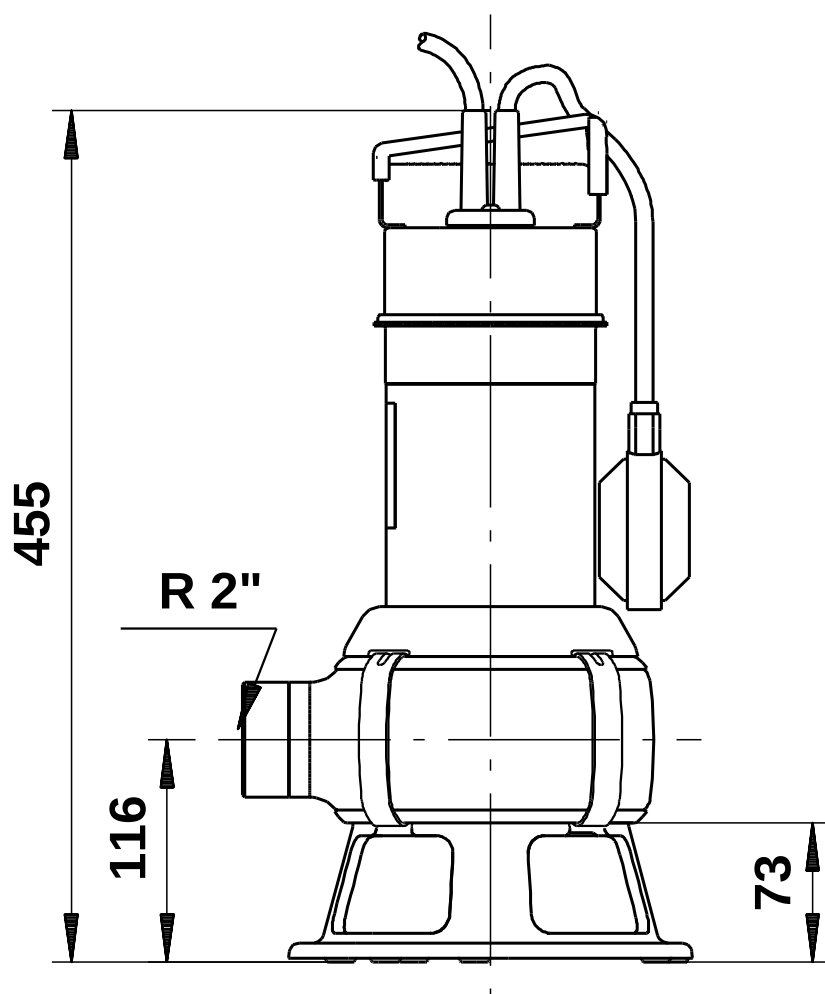
On request Unilift AP35B.50.08.A1.V 50 Hz



| Description                 | Value                    |
|-----------------------------|--------------------------|
| <b>General information:</b> |                          |
| Product name:               | Unilift AP35B.50.08.A1.V |
| Product No:                 | On request               |
| EAN number:                 | On request               |
| <b>Technical:</b>           |                          |
| Max flow:                   | 5.83 l/s                 |
| Head max:                   | 13 m                     |
| Type of impeller:           | VORTEX                   |
| Maximum particle size:      | 35 mm                    |
| <b>Materials:</b>           |                          |
| Pump housing:               | Stainless steel          |
|                             | DIN W.-Nr. 1.4301        |
|                             | AISI 304                 |
| Impeller:                   | Stainless steel          |
|                             | DIN W.-Nr. 1.4301        |
|                             | AISI 304                 |
| <b>Installation:</b>        |                          |
| Pump outlet:                | R 2"                     |
| Maximum installation depth: | 2 m                      |
| Inst dry/wet:               | S                        |
| Installation:               | horizontal or vertical   |
| Auto-coupling:              | Y                        |
| <b>Liquid:</b>              |                          |
| Maximum liquid temperature: | 40 °C                    |
| Density:                    | 998.2 kg/m <sup>3</sup>  |
| <b>Electrical data:</b>     |                          |
| Type of motor:              | PSC                      |
| Power input - P1:           | 1.25 kW                  |
| P2:                         | 0.71 kW                  |
| Mains frequency:            | 50 Hz                    |
| Rated voltage:              | 1 x 230 V                |
| Rated current:              | 5.44 A                   |
| Cos phi - power factor:     | 0.98                     |
| Rated speed:                | 2795 rpm                 |
| Capacitor size - run:       | 16 µF/400 V              |
| Enclosure class (IEC 34-5): | IP68                     |
| Insulation class (IEC 85):  | F                        |
| Motor protec:               | CONTACT                  |
| Thermal protec:             | internal                 |
| Length of cable:            | 5 m                      |
| Type of cable plug:         | SCHUKO                   |
| <b>Controls:</b>            |                          |
| Level switch:               | float switch             |
| <b>Others:</b>              |                          |
| Net weight:                 | 11 kg                    |
| Gross weight:               | 11.6 kg                  |
| Danish VVS No.:             | 391270332                |
| Swedish RSK No.:            | 5885934                  |
| Finnish:                    | LVI NO 4822555           |
| Norwegian NRF no.:          | 9045691                  |



On request Unilift AP35B.50.08.A1.V 50 Hz



Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

# Exploded view



Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

# Exploded view ( TM057026 for MGE model H/I )



**Parts list Unilift AP35B.50.08.A1.V, Product No. On request**  
**Valid from 1.6.2006 (0622)**

| Pos  | Description           | Annotation | Données de classification | Référence | Quantité | Unité |
|------|-----------------------|------------|---------------------------|-----------|----------|-------|
| -    | Pump w/o cable        |            |                           |           | 1        | pcs   |
| -    | Screw w/O-ring        |            |                           |           | 2        |       |
| 193  | Pan washer head screw |            |                           |           | 1        |       |
| 194  | O-ring                |            | Diameter: 4,9             |           | 1        |       |
|      |                       |            | Material type: NBR70      |           |          |       |
|      |                       |            | Thickness: 1,9            |           |          |       |
| 6    | Pump housing          |            |                           |           | 1        |       |
| 26   | Flat spring           |            |                           |           | 4        |       |
| 37   | O-ring                |            | Diameter: 144             |           | 1        |       |
|      |                       |            | Material type: NBR        |           |          |       |
|      |                       |            | Thickness: 3,5            |           |          |       |
| 37a  | O-ring                |            | Diameter: 144             |           | 1        |       |
|      |                       |            | Material type: NBR        |           |          |       |
|      |                       |            | Thickness: 3,5            |           |          |       |
| + 49 | Impeller cpl.         |            |                           |           | 1        |       |
| 50   | Pump housing          |            |                           |           | 1        |       |
| 66   | Spring lock washer    |            | Designation: DIN 127 B    |           | 1        |       |
| 67   | Nut                   |            |                           |           | 1        |       |
| 84   | Base                  |            |                           |           | 1        |       |
| 105a | Shaft seal            |            | Material type: BQQP       |           | 1        |       |
| 150  | Motor unit            |            |                           |           | 1        |       |
| 189  | Handle                |            |                           |           | 1        |       |
| 190  | Handle                |            |                           |           | 1        |       |
| 193a | Oil                   |            |                           |           | 0        |       |
| 970  | Nameplate             |            |                           |           | 1        |       |
| 182  | Cable cpl.            |            |                           |           | 1        | pcs   |

*Disclaimer: The information about the Grundfos pump in this document may be outdated.*

*Data may be subject to alterations without further notice.*

*Please contact us to verify the data above is still accurate/up-to-date.*

*All information is copyright Grundfos.*



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