

## UPS50-60/4 F B 3x400-415V PN6/10

Grundfos pump 96402040



Thank you for your interest in our products. Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/UPSB2/96402040/UPS-50-60-4-F-B.html>

[info@lenntech.com](mailto:info@lenntech.com)

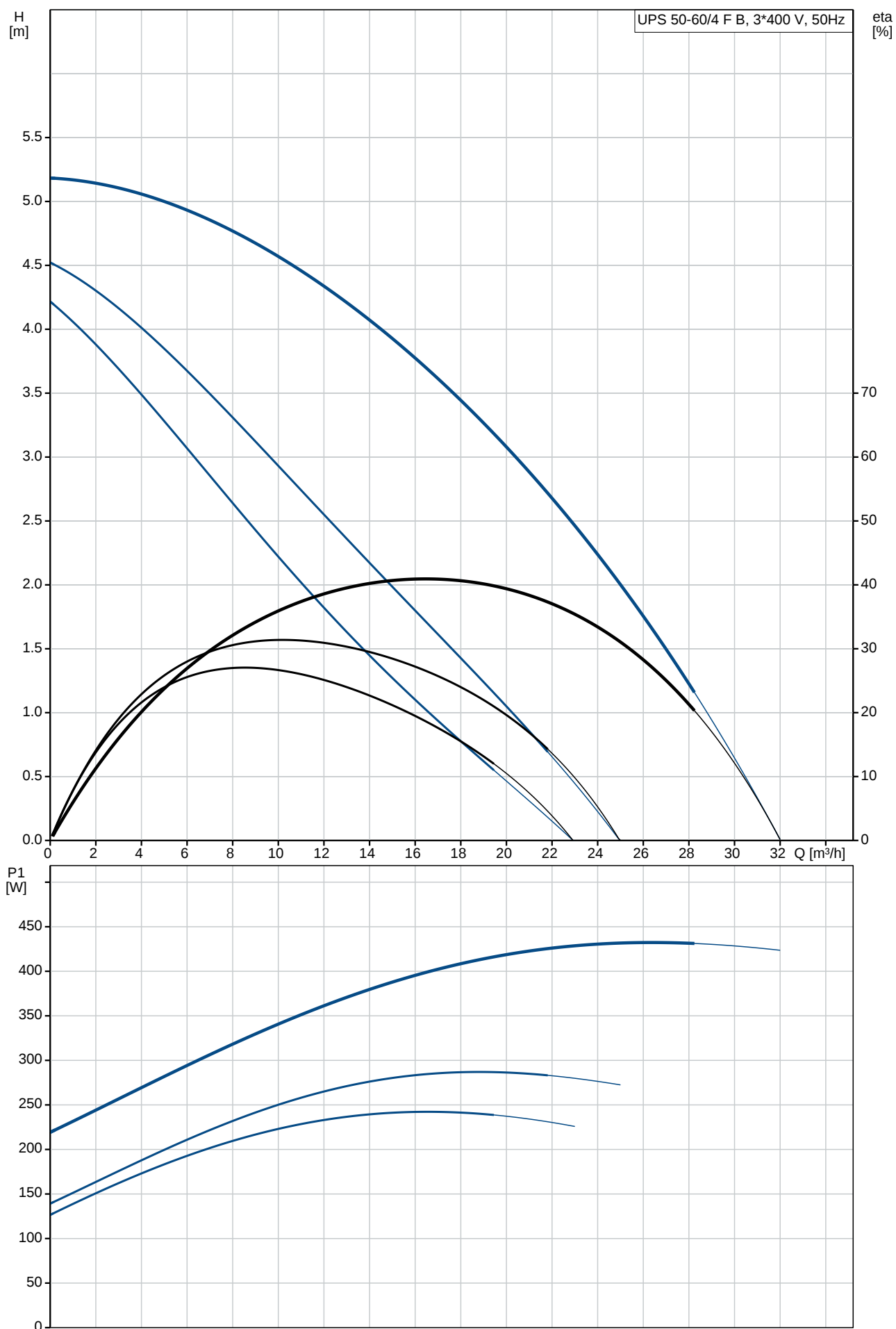
tel. +31 152 610 900

fax. +31 152 616 289

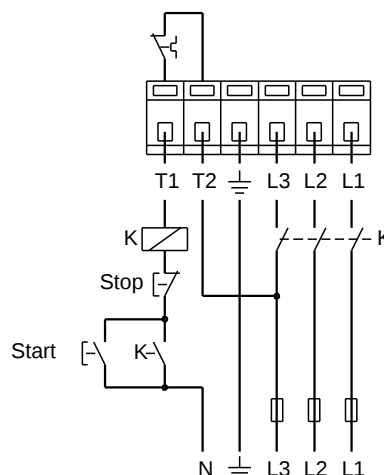
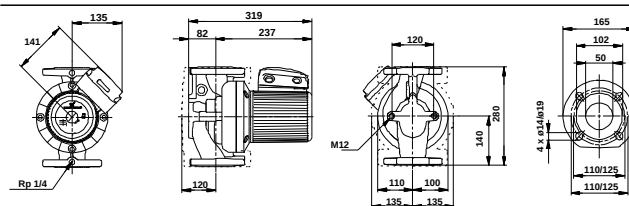
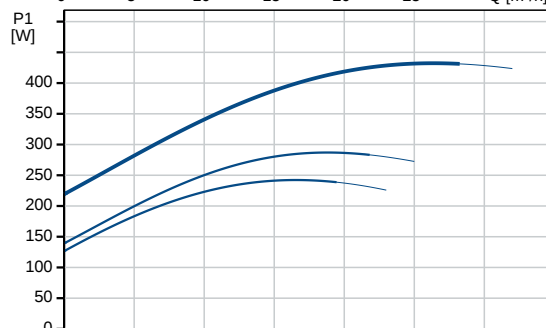
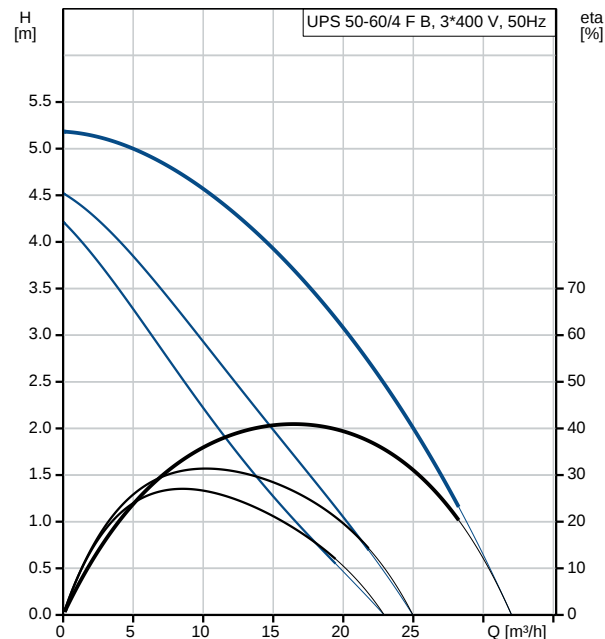
| Position | Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 1    | <p><b>UPS 50-60/4 F B</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: On request</p> <p>The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid.</p> <p>In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.</p> <p>The pump is characterized by:</p> <ul style="list-style-type: none"> <li>* 3 speed motor.</li> <li>* Ceramic radial bearings.</li> <li>* Carbon axial bearing.</li> <li>* Stainless steel rotor can, bearing plate and rotor cladding.</li> <li>* Aluminium alloy stator housing.</li> <li>* Bronze pump housing.</li> <li>* Stator with built-in thermal switch.</li> </ul> <p>The motor is a 3-phase motor.</p> <p>The pump is supplied with a standard module in the terminal box.</p> <p>The standard module is to be connected to the mains supply via external contactor.</p> <p><b>Controls:</b></p> <p>Relay: without relay</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -10 .. 120 °C</p> <p>Liquid temperature during operation: 60 °C</p> <p>Density: 983.2 kg/m<sup>3</sup></p> <p><b>Technical:</b></p> <p>Approvals on nameplate: AAA,CE,EAC</p> <p><b>Materials:</b></p> <p>Pump housing: Bronze<br/>DIN W.-Nr. 2.1176.01<br/>ASTM B-271</p> <p>Impeller: Stainless steel<br/>DIN W.-Nr. 1.4301<br/>AISI 304</p> <p><b>Installation:</b></p> <p>Range of ambient temperature: 0 .. 40 °C</p> <p>Maximum operating pressure: 10 bar</p> |

| Position | Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |      | <p>Flange standard: DIN</p> <p>Pipe connection: DN 50</p> <p>Pressure rating: PN 6 / PN 10</p> <p>(@): 280 mm</p> <p><b>Electrical data:</b></p> <p>Power input in speed 1: 240 W</p> <p>Power input in speed 2: 290 W</p> <p>Max. power input: 430 W</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 400-415 V</p> <p>Current in speed 1: 0.43 A</p> <p>Current in speed 2: 0.5 A</p> <p>Current in speed 3: 0.92 A</p> <p>Cos phi in speed 1: 0.81</p> <p>Cos phi in speed 2: 0.84</p> <p>Cos phi: 0.67</p> <p>Number of poles: 4</p> <p>Insulation class (IEC 85): H</p> <p>Enclosure class (IEC 60529): X4D</p> <p><b>Others:</b></p> <p>Net weight: 27.2 kg</p> <p>Gross weight: 28.9 kg</p> <p>Shipping volume: 0.034 m<sup>3</sup></p> |

# On request UPS 50-60/4 F B 50 Hz

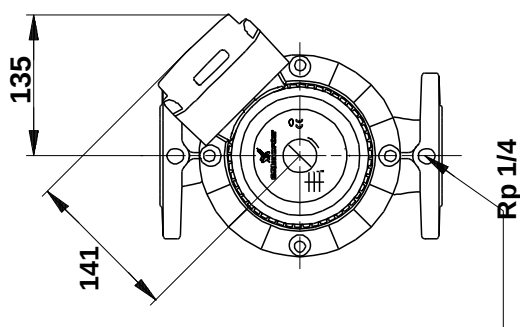
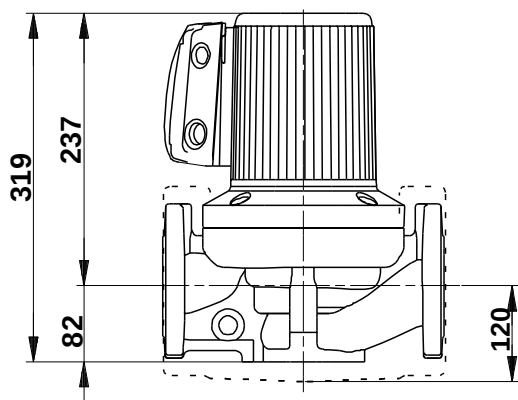
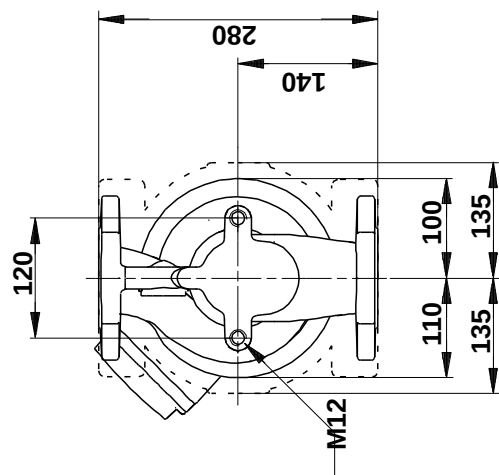
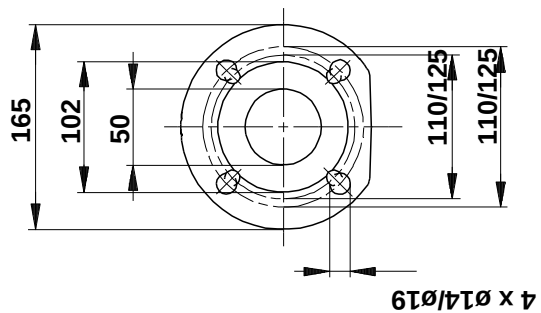


| Description                          | Value                   |
|--------------------------------------|-------------------------|
| <b>General information:</b>          |                         |
| Product name:                        | UPS 50-60/4 F B         |
| Product No:                          | On request              |
| EAN number:                          | On request              |
| <b>Technical:</b>                    |                         |
| Speed no:                            | 3                       |
| Head max:                            | 60 dm                   |
| Approvals on nameplate:              | AAA,CE,EAC              |
| <b>Materials:</b>                    |                         |
| Pump housing:                        | Bronze                  |
|                                      | DIN W.-Nr. 2.1176.01    |
|                                      | ASTM B-271              |
| Impeller:                            | Stainless steel         |
|                                      | DIN W.-Nr. 1.4301       |
|                                      | AISI 304                |
| <b>Installation:</b>                 |                         |
| Range of ambient temperature:        | 0 .. 40 °C              |
| Maximum operating pressure:          | 10 bar                  |
| Flange standard:                     | DIN                     |
| Pipe connection:                     | DN 50                   |
| Pressure rating:                     | PN 6 / PN 10            |
| (@)                                  | 280 mm                  |
| <b>Liquid:</b>                       |                         |
| Pumped liquid:                       | Water                   |
| Liquid temperature range:            | -10 .. 120 °C           |
| Liquid temperature during operation: | 60 °C                   |
| Density:                             | 983.2 kg/m <sup>3</sup> |
| <b>Electrical data:</b>              |                         |
| Power input in speed 1:              | 240 W                   |
| Power input in speed 2:              | 290 W                   |
| Max. power input:                    | 430 W                   |
| Mains frequency:                     | 50 Hz                   |
| Rated voltage:                       | 3 x 400-415 V           |
| Current in speed 1:                  | 0.43 A                  |
| Current in speed 2:                  | 0.5 A                   |
| Current in speed 3:                  | 0.92 A                  |
| Cos phi in speed 1:                  | 0.81                    |
| Cos phi in speed 2:                  | 0.84                    |
| Cos phi:                             | 0.67                    |
| Number of poles:                     | 4                       |
| Insulation class (IEC 85):           | H                       |
| Enclosure class (IEC 60529):         | X4D                     |
| Motor protec:                        | CONTACT                 |
| Thermal protec:                      | external                |
| <b>Controls:</b>                     |                         |
| Relay:                               | without relay           |
| Pos term box:                        | 1.30H                   |
| <b>Others:</b>                       |                         |
| Net weight:                          | 27.2 kg                 |
| Gross weight:                        | 28.9 kg                 |
| Shipping volume:                     | 0.034 m <sup>3</sup>    |



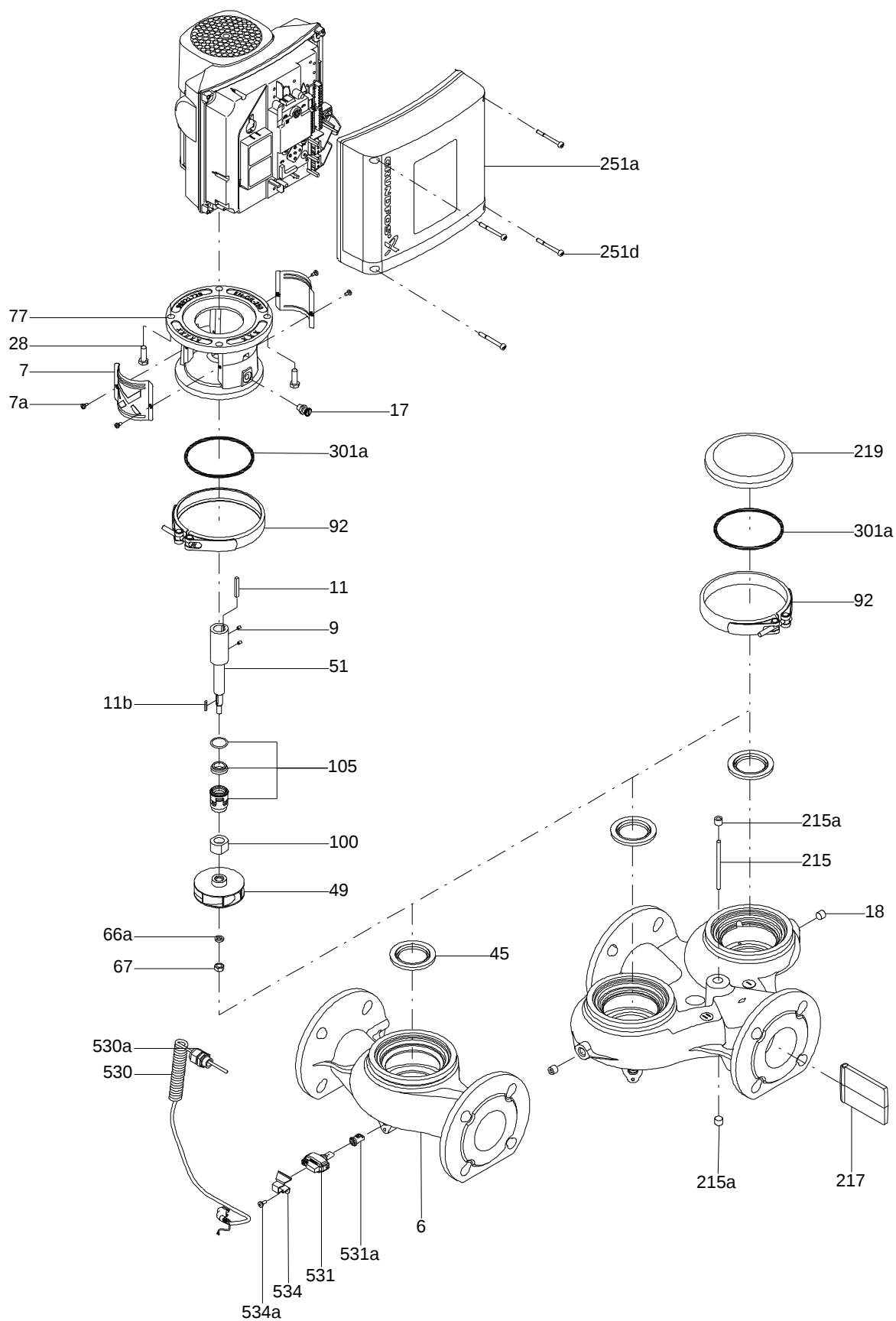
**On request UPS 50-60/4 F B 50 Hz**

# On request UPS 50-60/4 F B 50 Hz

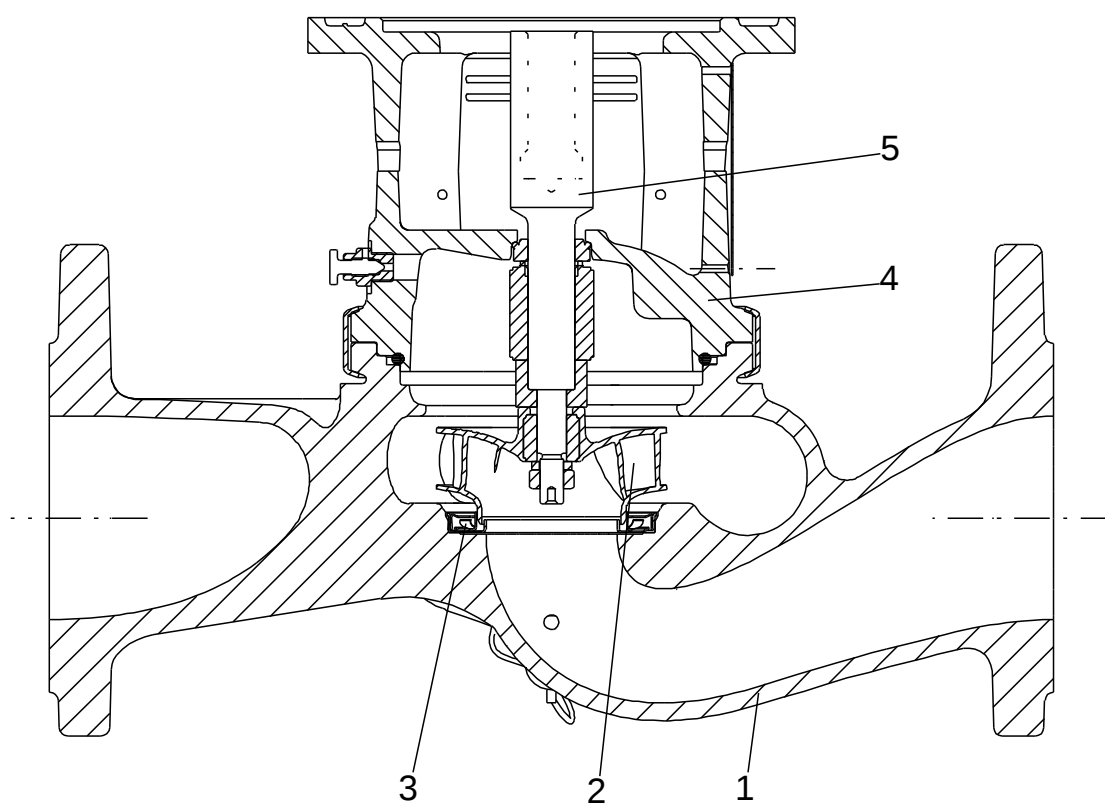


Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

# Exploded view

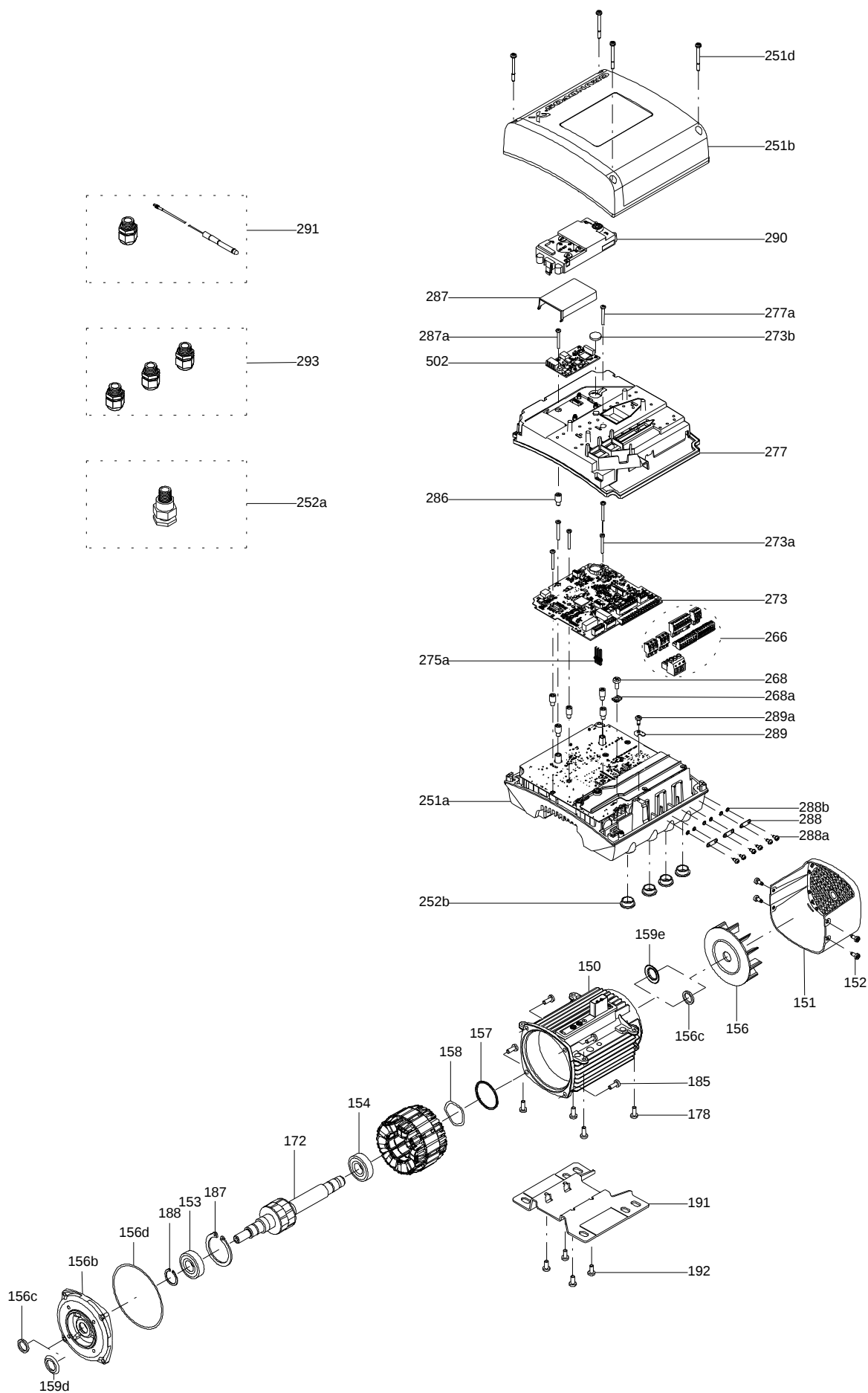


Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

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



**Parts list UPS 50-60/4 F B, Product No. On request**  
**Valid from 1.4.1995 (9513)**

| Pos  | Description       | Annotation | Données de classification         | Référence | Quantité | Unité |
|------|-------------------|------------|-----------------------------------|-----------|----------|-------|
| 163a | Terminal box cpl. |            | Designation: WITH RELAY MODULE    |           | 1        | pcs   |
| 163b | Terminal box cpl. |            | Designation: WITH STANDARD MODULE |           | 1        | pcs   |
| 163e | Terminal box cpl. |            | Designation: W. PROTECTION MODULE |           | 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.*



[info@lenntech.com](mailto:info@lenntech.com)

<https://www.lenntech.com>

tel. +31 152 610 900

fax. +31 152 616 289