

## SQF 11A-3N Rp 2 cpl. Grundfos pump 95027442



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

<https://www.lenntech.com/grundfos/SQFFAM/95027442/SQF-11A-3-N.html>

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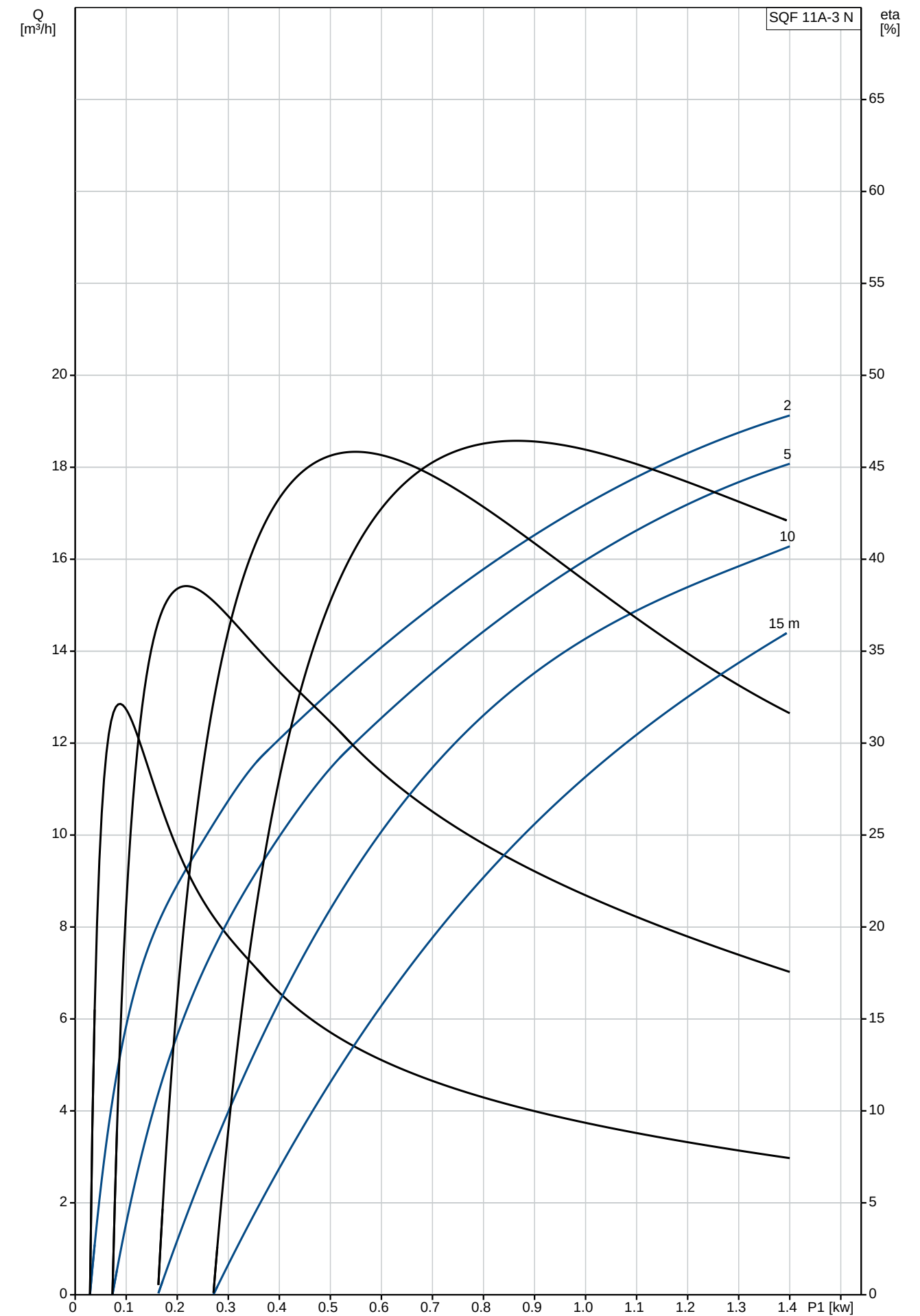
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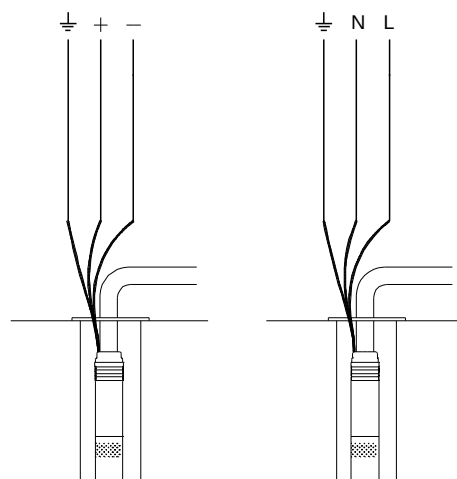
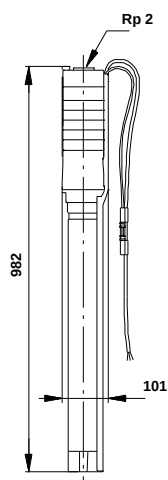
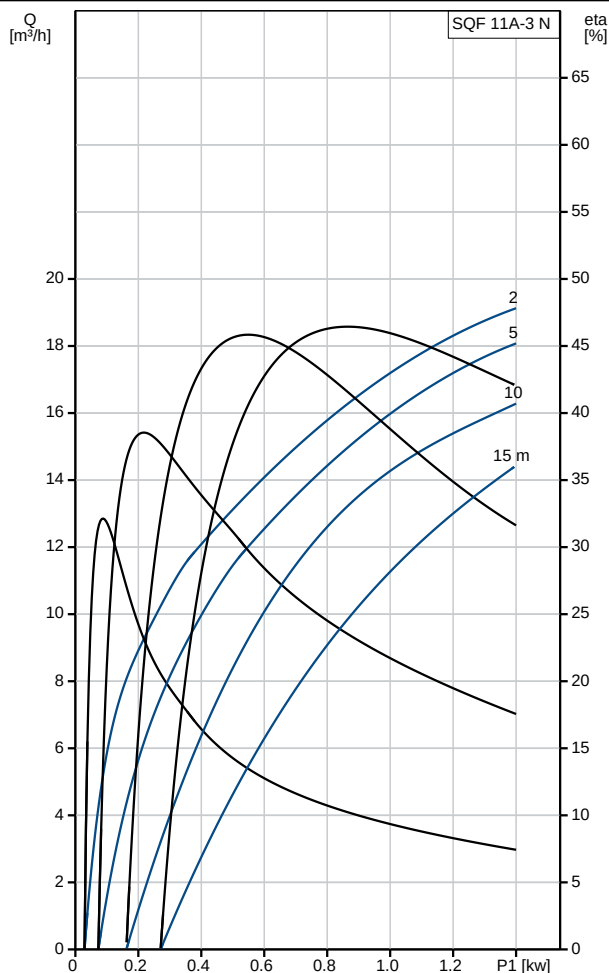
| Position | Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 1    | <p><b>SQF 11A-3 N</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: On request</p> <p>The 4" SQF centrifugal pump is for low heads and large flow rates.</p> <p>The SQFlex system is a reliable water supply system based on renewable energy sources, such as solar and wind energy.</p> <p>Thanks to its flexible energy supply and performance, the SQFlex system can be combined and adapted to meet any need on the installation site.</p> <p>The SQFlex system has a wide voltage range, built-in maximum power point tracking (MPPT) as well as dry-running, voltage and overload protection.</p> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Maximum liquid temperature: 40 °C</p> <p>Liquid temperature during operation: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p><b>Technical:</b></p> <p>Approvals on motor nameplate: CE,RCM,EAC</p> <p>Approvals on pump nameplate: CE,EAC</p> <p><b>Materials:</b></p> <p>Pump: Stainless steel<br/>DIN W.-Nr. 1.4401<br/>AISI 316</p> <p>Impeller: Stainless steel<br/>DIN W.-Nr. 1.4401<br/>AISI 316</p> <p><b>Installation:</b></p> <p>Maximum ambient pressure: 15 bar</p> <p>Pump outlet: Rp 2</p> <p>Minimum borehole diameter: 102 mm</p> <p><b>Electrical data:</b></p> <p>Motor type: MSF3N</p> <p>Power input - P1: 1.4 kW</p> <p>Rated voltage ac: 1 x 90-240 V</p> <p>Rated voltage dc: 30-300 V</p> <p>Rated current: 8.4 A</p> <p>Power factor: 1.0</p> <p>Rated speed: 500-3600 rpm</p> <p>Start. method: direct-on-line</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): F</p> <p>Length of cable: 2 m</p> <p>Udc: 300 V<br/>30 V</p> |

| Position | Qty. | Description                                                                                                                                      |
|----------|------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|          |      | <b>Others:</b><br>Minimum efficiency index, MEI ≥: 0.10<br>Net weight: 10.9 kg<br>Gross weight: 12.4 kg<br>Shipping volume: 0.028 m <sup>3</sup> |

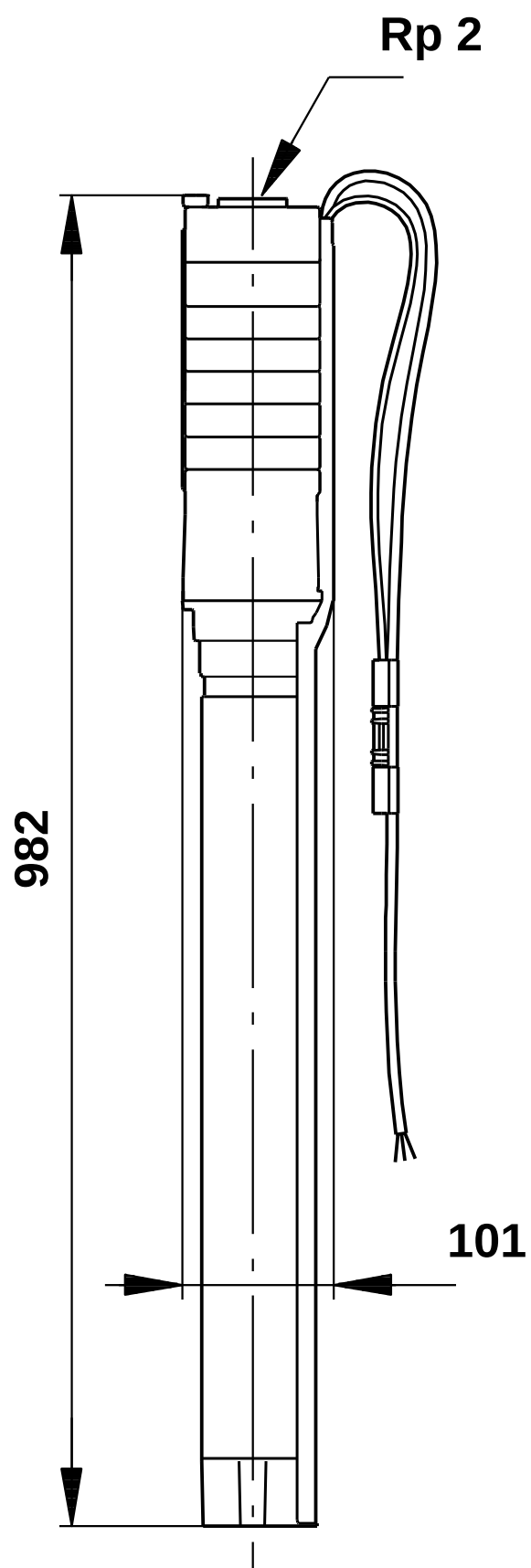
On request SQF 11A-3 N 50 Hz



| Description                          | Value                                            |
|--------------------------------------|--------------------------------------------------|
| <b>General information:</b>          |                                                  |
| Product name:                        | SQF 11A-3 N                                      |
| Product No:                          | On request                                       |
| EAN number:                          | On request                                       |
| <b>Technical:</b>                    |                                                  |
| Stages:                              | 3                                                |
| Approvals on motor nameplate:        | CE,RCM,EAC                                       |
| Approvals on pump nameplate:         | CE,EAC                                           |
| Pump No:                             | 95027446                                         |
| Valve:                               | pump with built-in non-return valve              |
| <b>Materials:</b>                    |                                                  |
| Pump:                                | Stainless steel<br>DIN W.-Nr. 1.4401<br>AISI 316 |
| Impeller:                            | Stainless steel<br>DIN W.-Nr. 1.4401<br>AISI 316 |
| Rotor:                               | DIN W.-Nr. 1.4401<br>AISI 316                    |
| Stator:                              | DIN W.-Nr. 1.4401<br>AISI 316                    |
| <b>Installation:</b>                 |                                                  |
| Maximum ambient pressure:            | 15 bar                                           |
| Pump outlet:                         | Rp 2                                             |
| Minimum borehole diameter:           | 102 mm                                           |
| <b>Liquid:</b>                       |                                                  |
| Pumped liquid:                       | Water                                            |
| Maximum liquid temperature:          | 40 °C                                            |
| Liquid temperature during operation: | 20 °C                                            |
| Density:                             | 998.2 kg/m <sup>3</sup>                          |
| <b>Electrical data:</b>              |                                                  |
| Motor type:                          | MSF3N                                            |
| Power input - P1:                    | 1.4 kW                                           |
| Rated voltage ac:                    | 1 x 90-240 V                                     |
| Rated voltage dc:                    | 30-300 V                                         |
| Rated current:                       | 8.4 A                                            |
| Power factor:                        | 1.0                                              |
| Rated speed:                         | 500-3600 rpm                                     |
| Start. method:                       | direct-on-line                                   |
| Enclosure class (IEC 34-5):          | IP68                                             |
| Insulation class (IEC 85):           | F                                                |
| Motor protec:                        | Y                                                |
| Thermal protec:                      | internal                                         |
| Length of cable:                     | 2 m                                              |
| Motor No:                            | 96275337                                         |
| Udc:                                 | 300 V<br>30 V                                    |
| <b>Others:</b>                       |                                                  |
| Minimum efficiency index, MEI ≥:     | 0.10                                             |
| Net weight:                          | 10.9 kg                                          |
| Gross weight:                        | 12.4 kg                                          |
| Shipping volume:                     | 0.028 m <sup>3</sup>                             |
| Sales region:                        | Europe/South America/Japan                       |

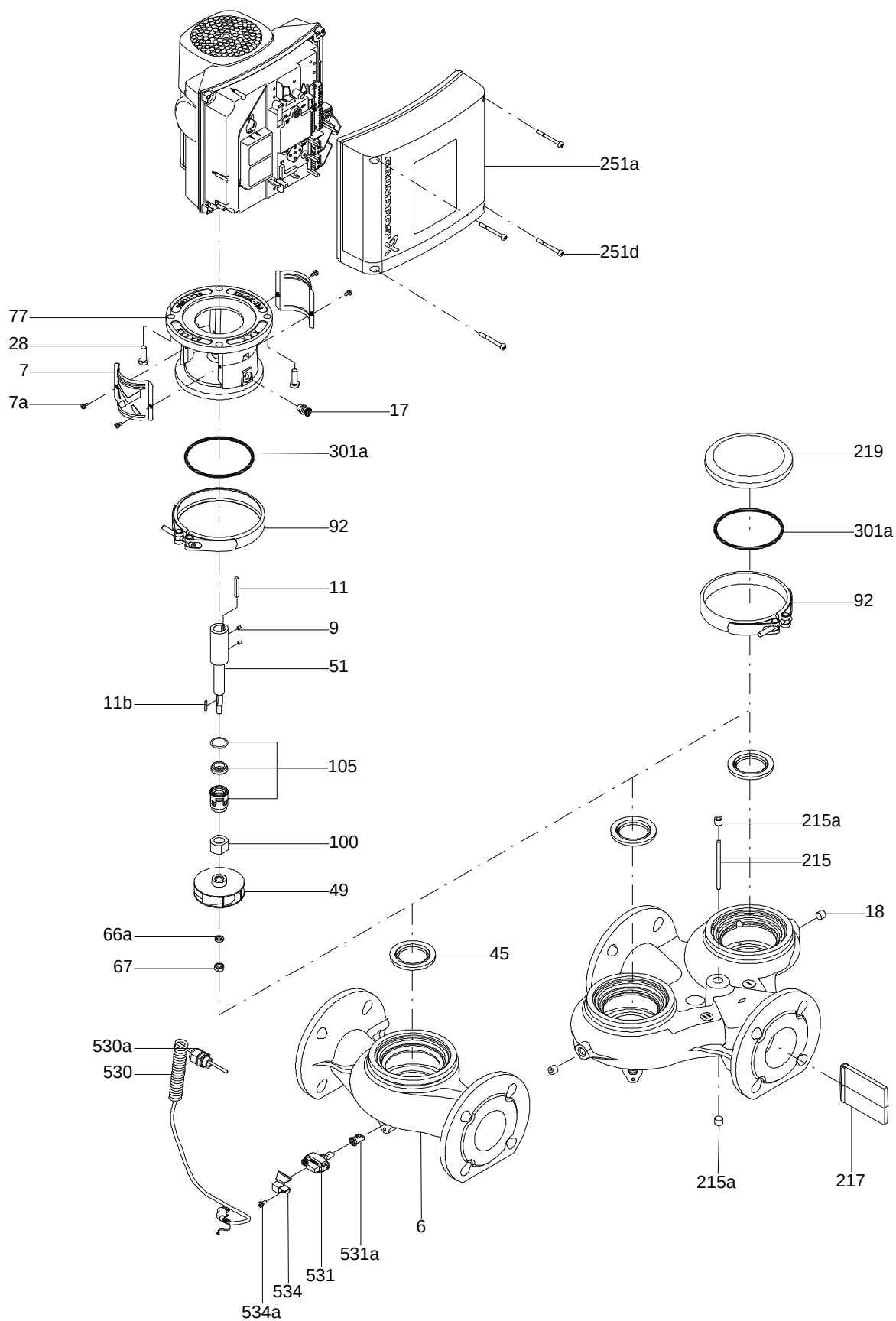


On request SQF 11A-3 N 50 Hz

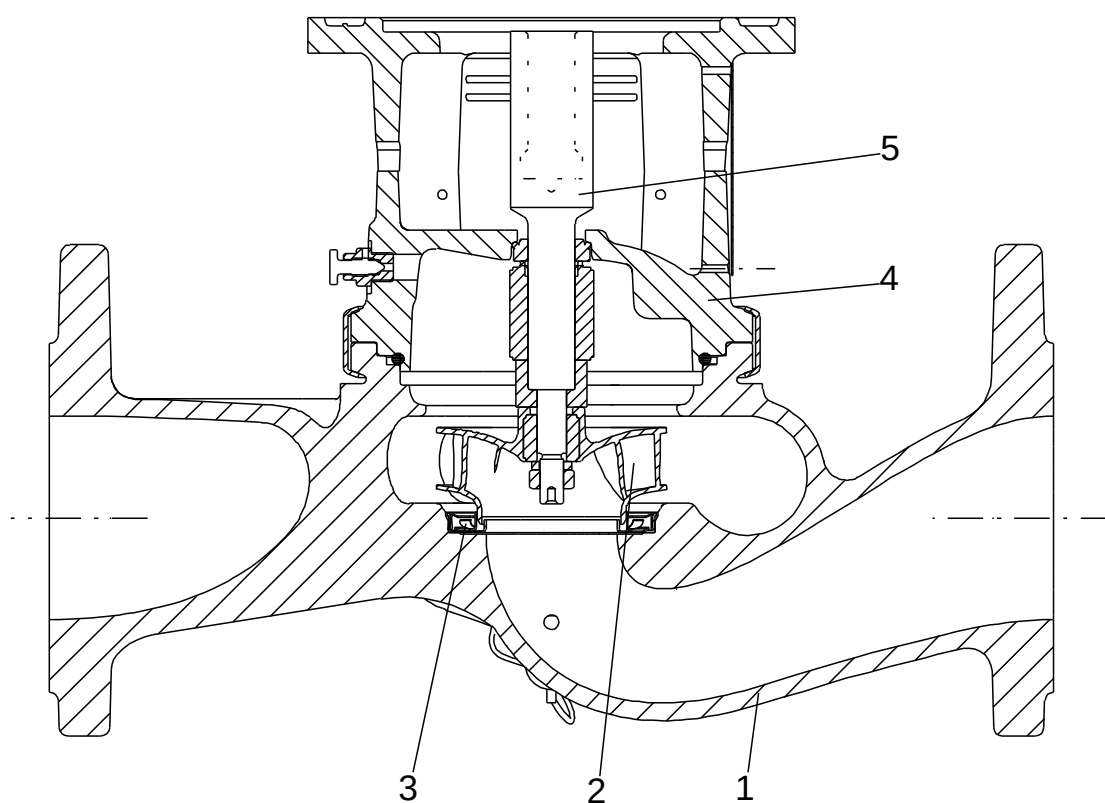


Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

# Exploded view



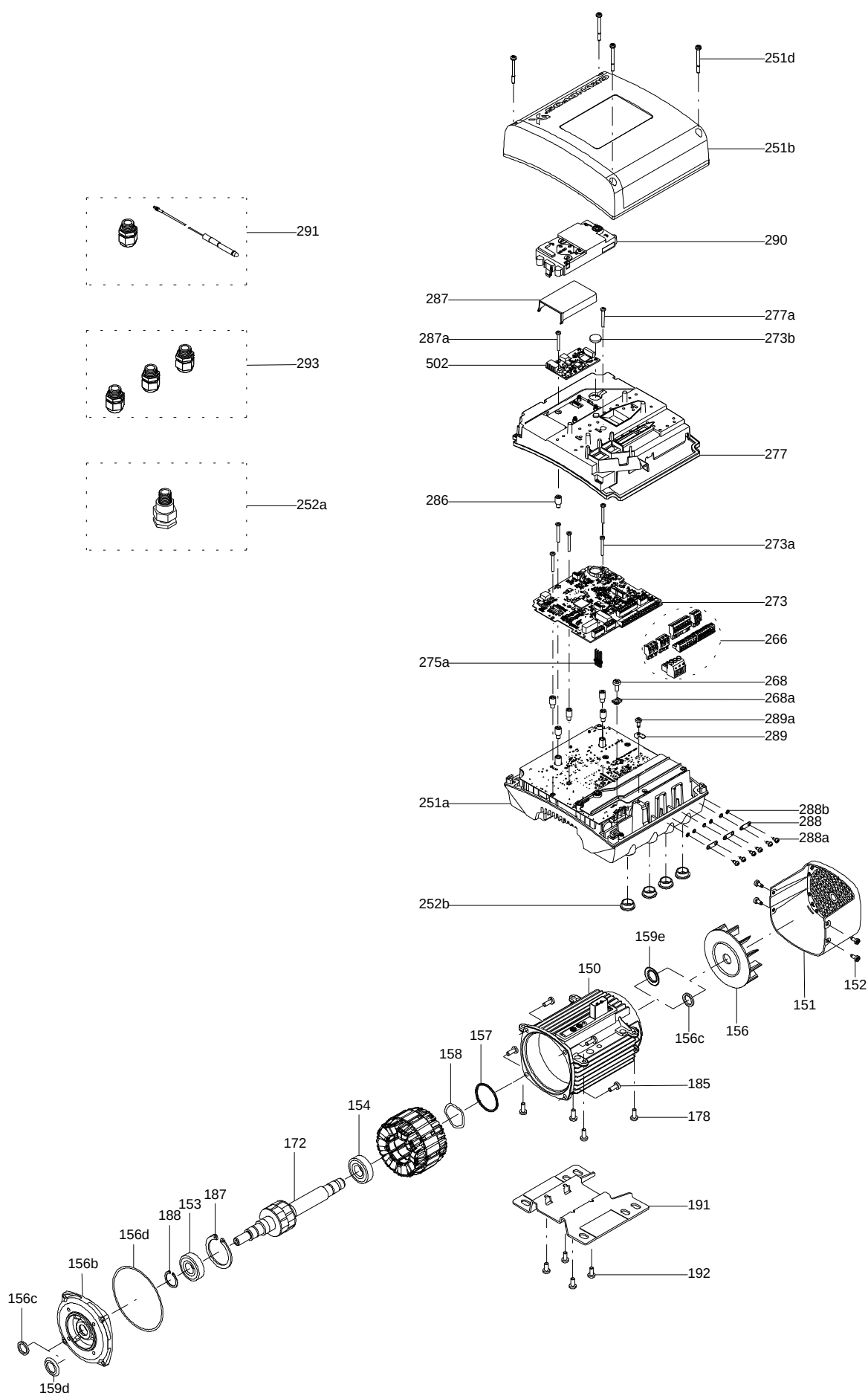
Sectional drawing (TM058200 for TPE2,TPE3)



TM058200



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



**Parts list SQF 11A-3 N, Product No. On request**  
**Valid from 21.4.2006 (0616)**

| Pos | Description       | Annotation | Données de classification | Référence | Quantité | Unité |
|-----|-------------------|------------|---------------------------|-----------|----------|-------|
| -   | Pump w/o motor    |            |                           |           | 1        | pcs   |
| 1   | Valve casing cpl. |            |                           |           | 1        |       |
| +   | Motor             |            |                           |           | 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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