

**Qty. Description**

1 SQ 2-100



**Note! Product picture may differ from actual product**

Product No.: [96510202](#)

3" multi-stage, submersible pump designed for domestic water supply, liquid transfer in tanks, irrigation and environmental applications. The pump has "floating" impellers, each with its own tungsten carbide/ceramic bearing.

The pump features soft starting and protection against dry-running, upthrust, overvoltage, undervoltage, overload and overtemperature.

The motor is a single-phase motor of the permanent magnet rotor type ensuring optimum efficiency within a wide load range.

The motor is fitted with a replaceable end cover with socket.

**Liquid:**

|                              |                         |
|------------------------------|-------------------------|
| Pumped liquid:               | Water                   |
| Maximum liquid temperature:  | 35 °C                   |
| Max liquid t at 0.15 m/sec:  | 35 °C                   |
| Selected liquid temperature: | 20 °C                   |
| Density:                     | 998.2 kg/m <sup>3</sup> |

**Technical:**

|  |                     |
|--|---------------------|
| Pump speed on which pump data are based: | 10700 rpm           |
| Rated flow:                              | 2 m <sup>3</sup> /h |
| Rated head:                              | 108 m               |
| Approvals on motor nameplate:            | CE,UL,CUL           |
| Curve tolerance:                         | ISO9906:2012 3B     |

**Materials:**

|           |  |
|-----------|--|
| Pump:     | Polyamide / Stainless steel<br>DIN W.-Nr. 1.4301<br>AISI 304 |
| Impeller: | Polyamide  |
| Motor:    | Stainless steel<br>DIN W.-Nr. 1.4301<br>AISI 304             |

**Installation:**

|                            |         |
|----------------------------|---------|
| Pump outlet:               | Rp1 1/4 |
| Minimum borehole diameter: | 76 mm   |

**Electrical data:**

|                   |         |
|-------------------|---------|
| Motor type:       | MS3     |
| Power input - P1: | 2.32 kW |



Company name:

Created by:

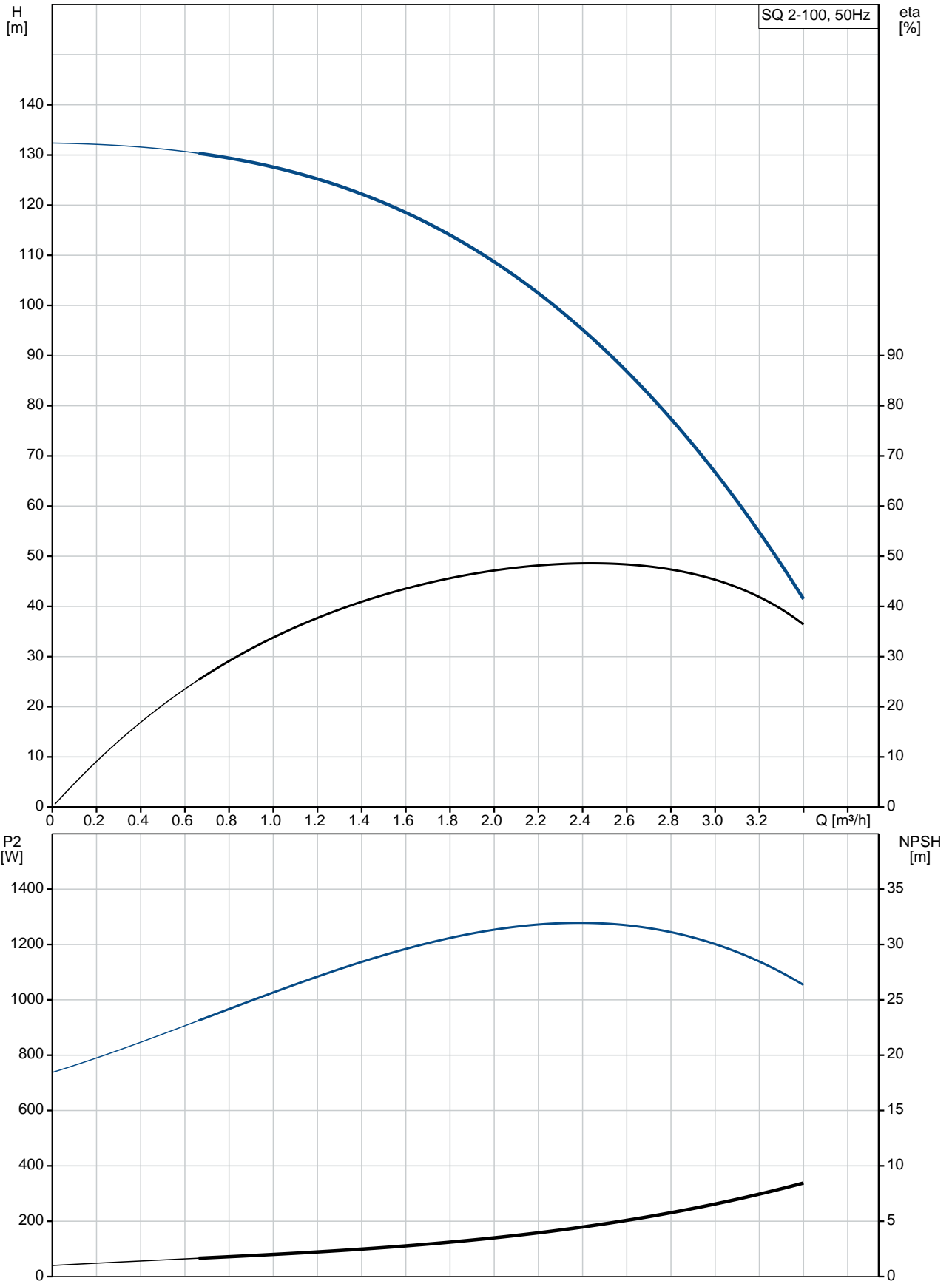
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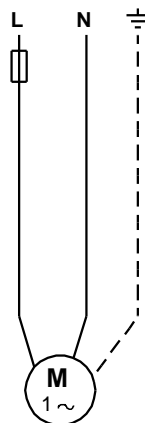
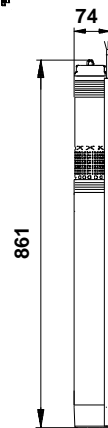
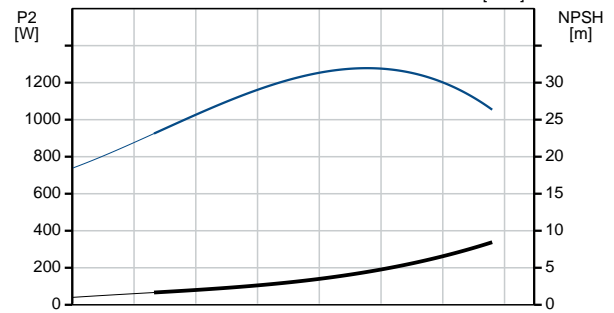
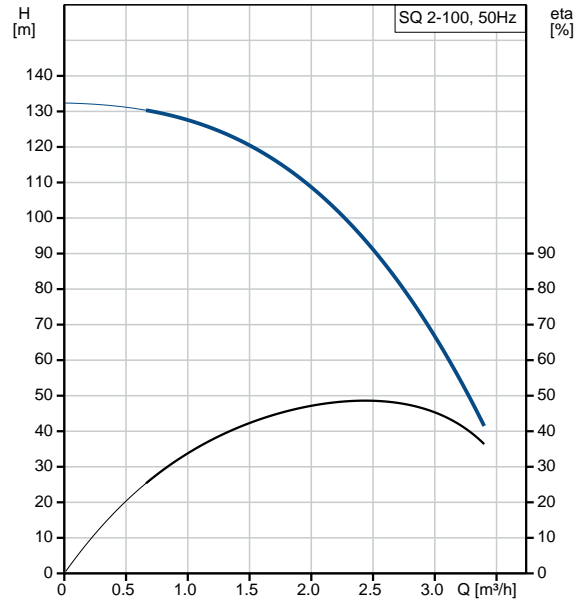
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| Qty. | Description                          |
|------|--------------------------------------|
|      | Rated power - P2: 1.55 kW            |
|      | Power input P3: 1.35 kW              |
|      | Mains frequency: 50 Hz               |
|      | Rated voltage: 1 x 200-240 V         |
|      | Rated current: 11.2 A                |
|      | Power factor: 1.00                   |
|      | Rated speed: 10700 rpm               |
|      | Start. method: direct-on-line        |
|      | Enclosure class (IEC 34-5): IP68     |
|      | Insulation class (IEC 85): F         |
|      | Length of cable: 1.5 m               |
|      | Motor No: 96160852                   |
|      | Others:                              |
|      | Net weight: 6.2 kg                   |
|      | Gross weight: 6.6 kg                 |
|      | Shipping volume: 0.01 m <sup>3</sup> |
|      | Danish VVS No.: 388432500            |
|      | Finnish LVI No.: 4762631             |
|      | Norwegian NRF no.: 9041315           |
|      | Country of origin: MX                |
|      | Custom tariff no.: 84137029          |

## 96510202 SQ 2-100 50 Hz



| Description                              | Value                               |
|--|-------------------------------------|
| <b>General information:</b>              |                                     |
| Product name:                            | SQ 2-100                            |
| Product No:                              | 96510202                            |
| EAN number:                              | 5700396504247                       |
| Price:                                   | GBP 1499                            |
| <b>Technical:</b>                        |                                     |
| Pump speed on which pump data are based: | 10700 rpm                           |
| Rated flow:                              | 2 m <sup>3</sup> /h                 |
| Rated head:                              | 108 m                               |
| Stages:                                  | 6                                   |
| Approvals on motor nameplate:            | CE,UL,CUL                           |
| Curve tolerance:                         | ISO9906:2012 3B                     |
| Pump No:                                 | 96080405                            |
| Model:                                   | B                                   |
| Valve:                                   | pump with built-in non-return valve |
| <b>Materials:</b>                        |                                     |
| Pump:                                    | Polyamide / Stainless steel         |
| Pump:                                    | DIN W.-Nr. 1.4301                   |
| Pump:                                    | AISI 304                            |
| Impeller:                                | Polyamide                           |
| Motor:                                   | Stainless steel                     |
| Motor:                                   | DIN W.-Nr. 1.4301                   |
| Motor:                                   | AISI 304                            |
| <b>Installation:</b>                     |                                     |
| Pump outlet:                             | Rp1 1/4                             |
| Minimum borehole diameter:               | 76 mm                               |
| <b>Liquid:</b>                           |                                     |
| Pumped liquid:                           | Water                               |
| Maximum liquid temperature:              | 35 °C                               |
| Max liquid t at 0.15 m/sec:              | 35 °C                               |
| Selected liquid temperature:             | 20 °C                               |
| Density:                                 | 998.2 kg/m <sup>3</sup>             |
| <b>Electrical data:</b>                  |                                     |
| Motor type:                              | MS3                                 |
| Power input - P1:                        | 2.32 kW                             |
| Rated power - P2:                        | 1.55 kW                             |
| Power input P3:                          | 1.35 kW                             |
| Mains frequency:                         | 50 Hz                               |
| Rated voltage:                           | 1 x 200-240 V                       |
| Rated current:                           | 11.2 A                              |
| Power factor:                            | 1.00                                |
| Rated speed:                             | 10700 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:                         | 1.5 m                               |
| Motor No:                                | 96160852                            |
| <b>Controls:</b>                         |                                     |
| CU 300/CU 301:                           | no communication possible           |
| <b>Others:</b>                           |                                     |
| Net weight:                              | 6.2 kg                              |
| Gross weight:                            | 6.6 kg                              |
| Shipping volume:                         | 0.01 m <sup>3</sup>                 |
| Sales region:                            | EU/S-AMREG/APREG                    |
| Danish VVS No.:                          | 388432500                           |





Company name:

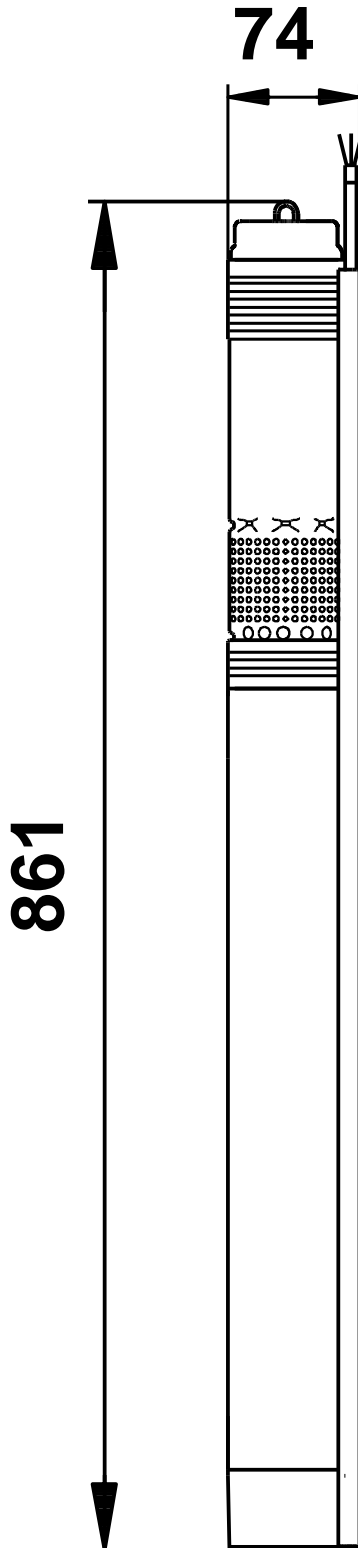
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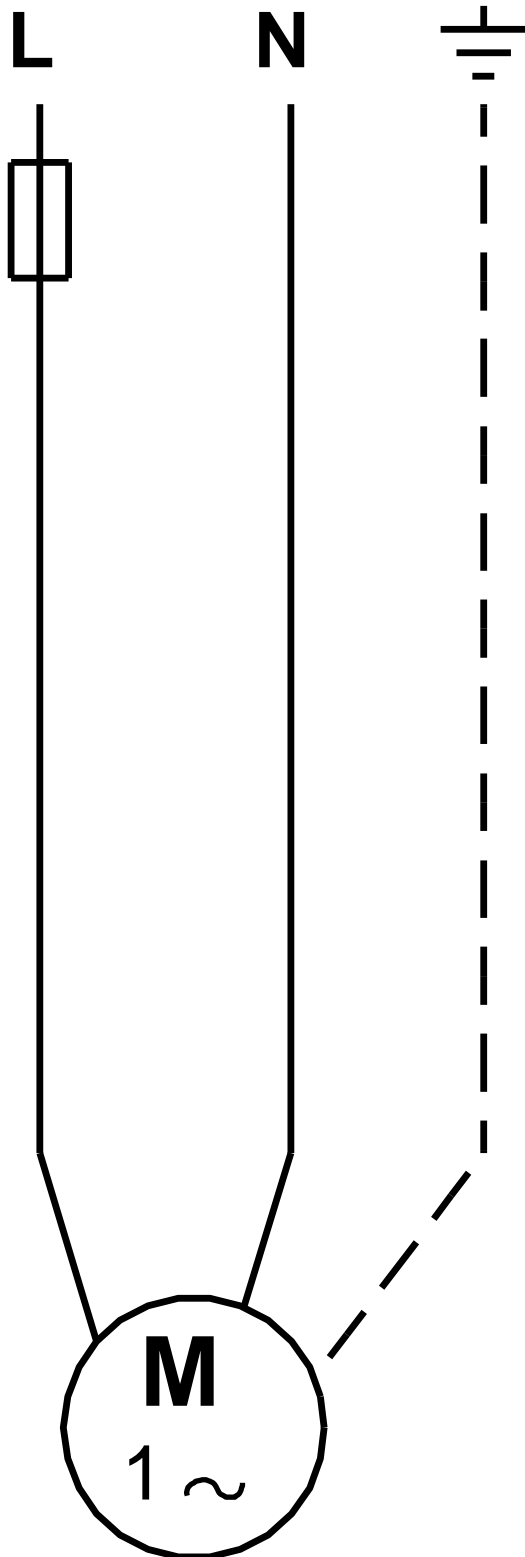
| Description        | Value    |
|--------------------|----------|
| Finnish LVI No.:   | 4762631  |
| Norwegian NRF no.: | 9041315  |
| Country of origin: | MX       |
| Custom tariff no.: | 84137029 |

**96510202 SQ 2-100 50 Hz**



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

**96510202 SQ 2-100 50 Hz**



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