

**Qty. Description**

1 SQ 3-105



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

Product No.: On request

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: 3 m<sup>3</sup>/h  
 Rated head: 113 m  
 Approvals on motor nameplate: CE,UL,CUL  
 Curve tolerance: ISO9906:2012 3B

**Materials:**

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

**Installation:**

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

**Electrical data:**

Motor type: MS3  
 Power input - P1: 2.54 kW



Company name:

Created by:

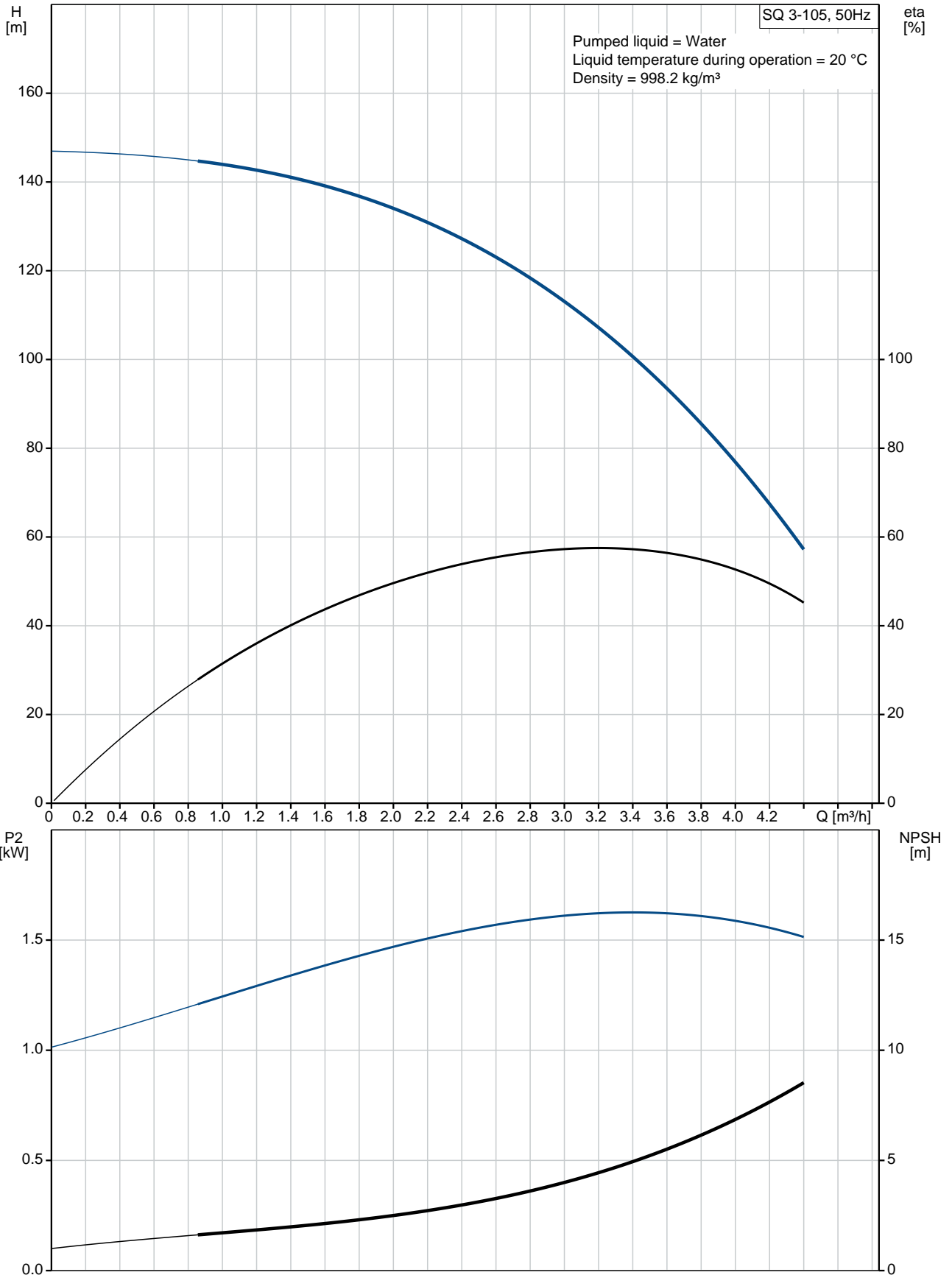
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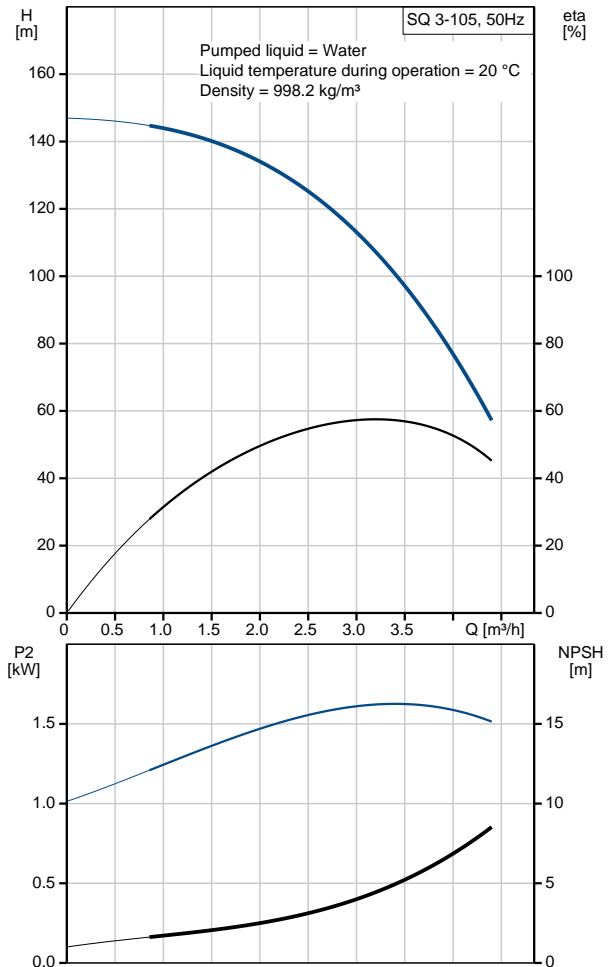
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| Qty. | Description                           |
|------|---------------------------------------|
|      | Rated power - P2: 1.85 kW             |
|      | Power input P3: 1.74 kW               |
|      | Mains frequency: 50 Hz                |
|      | Rated voltage: 1 x 200-240 V          |
|      | Rated current: 12.3 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: 96160853                    |
|      | Others:                               |
|      | Net weight: 6.5 kg                    |
|      | Gross weight: 6.9 kg                  |
|      | Shipping volume: 0.011 m <sup>3</sup> |
|      | Danish VVS No.: 388433505             |

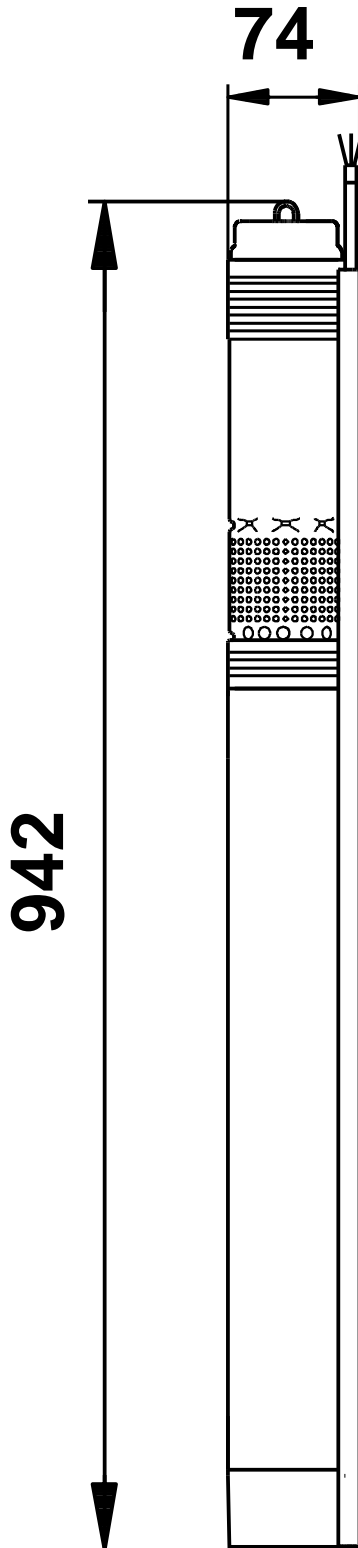
## On request SQ 3-105 50 Hz



| Description                              | Value                               |
|--|-------------------------------------|
| <b>General information:</b>              |                                     |
| Product name:                            | SQ 3-105                            |
| Product No:                              | On request                          |
| EAN number:                              | On request                          |
| Price:                                   |                                     |
| <b>Technical:</b>                        |                                     |
| Pump speed on which pump data are based: | 10700 rpm                           |
| Rated flow:                              | 3 m <sup>3</sup> /h                 |
| Rated head:                              | 113 m                               |
| Stages:                                  | 8                                   |
| Approvals on motor nameplate:            | CE,UL,CUL                           |
| Curve tolerance:                         | ISO9906:2012 3B                     |
| Pump No:                                 | 96080410                            |
| 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:                        | 2.54 kW                             |
| Rated power - P2:                        | 1.85 kW                             |
| Power input P3:                          | 1.74 kW                             |
| Mains frequency:                         | 50 Hz                               |
| Rated voltage:                           | 1 x 200-240 V                       |
| Rated current:                           | 12.3 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:                                | 96160853                            |
| <b>Controls:</b>                         |                                     |
| CU 300/CU 301:                           | no communication possible           |
| <b>Others:</b>                           |                                     |
| Net weight:                              | 6.5 kg                              |
| Gross weight:                            | 6.9 kg                              |
| Shipping volume:                         | 0.011 m <sup>3</sup>                |
| Sales region:                            | EU/S-AMREG/APREG                    |
| Danish VVS No.:                          | 388433505                           |

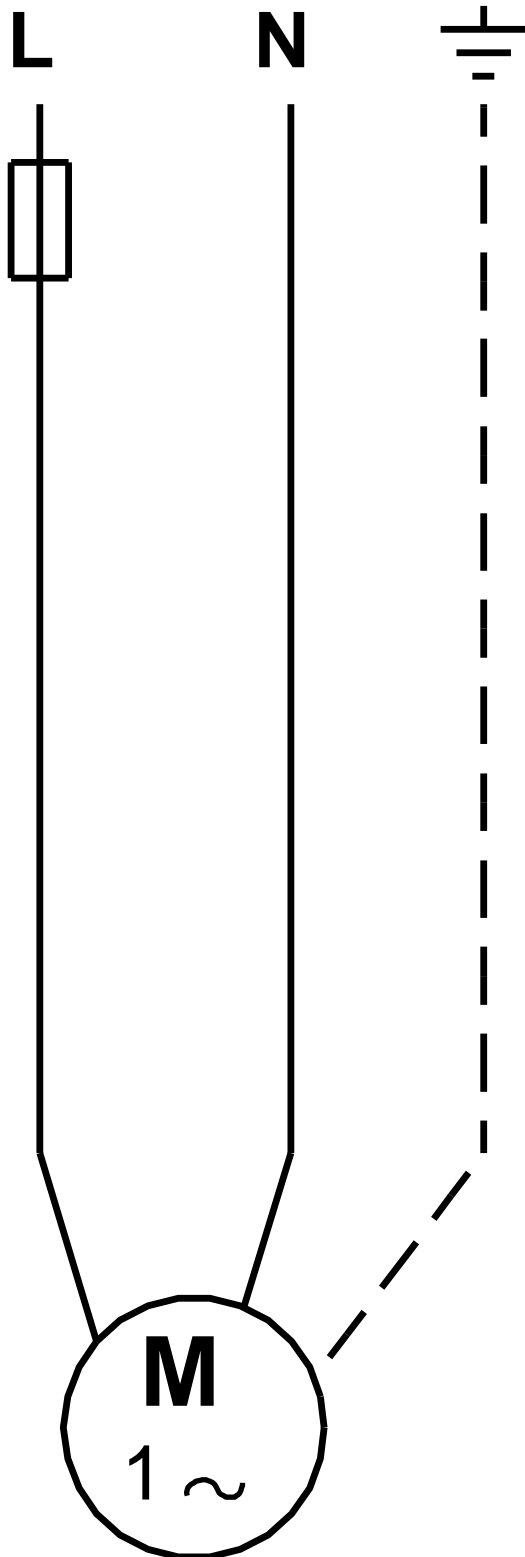


On request SQ 3-105 50 Hz



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

On request SQ 3-105 50 Hz



Note! All units are in [mm] unless others are stated.