

**Qty. Description**

1

**SQE 5-50**



**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: 5 m<sup>3</sup>/h  
 Rated head: 48 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 1/2  
 Minimum borehole diameter: 76 mm

**Electrical data:**

Motor type: MSE3  
 Power input - P1: 2.32 kW



Company name:

Created by:

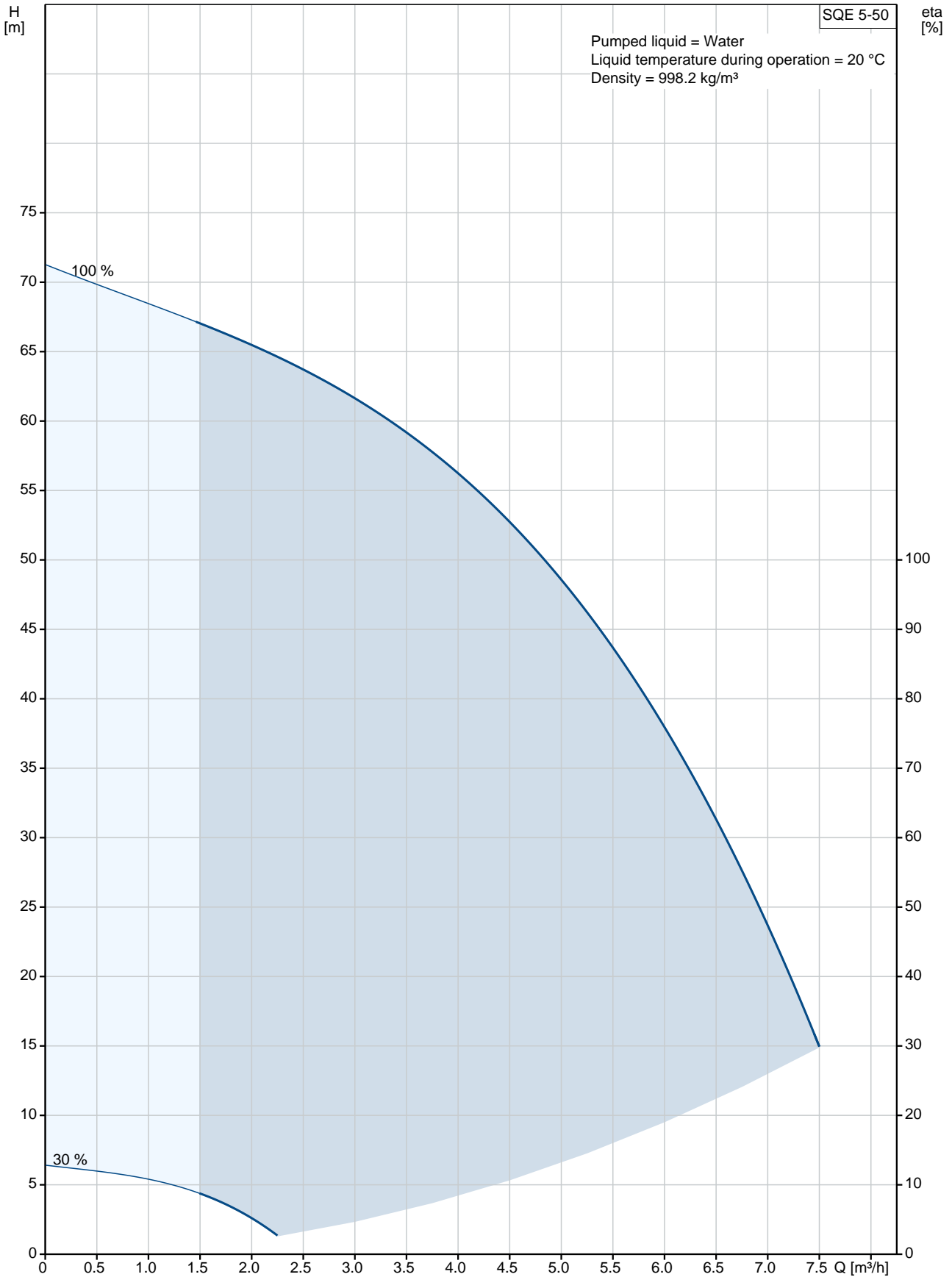
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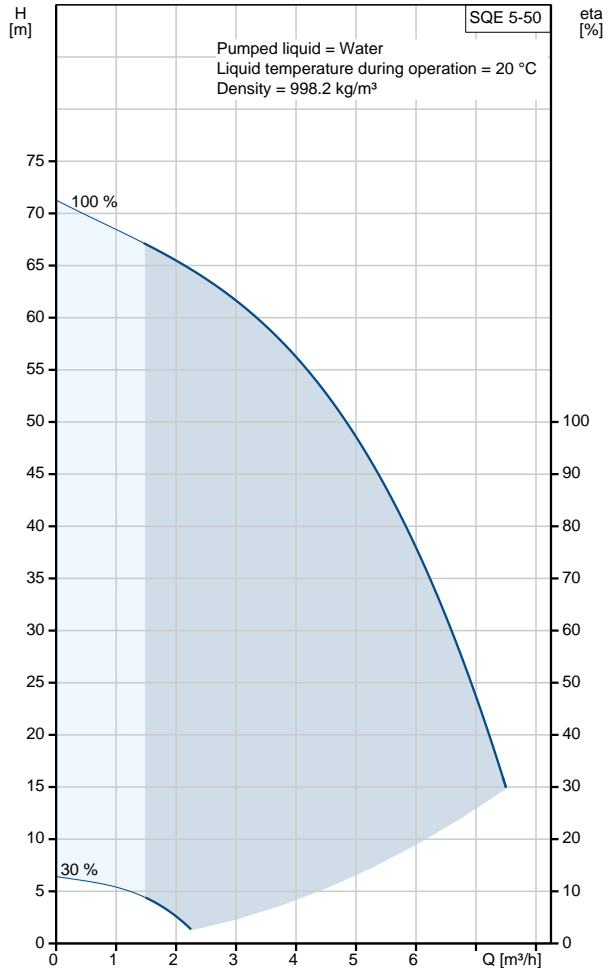
09/02/2021

| Qty. | Description                          |
|------|--------------------------------------|
|      | Rated power - P2: 1.55 kW            |
|      | Power input P3: 1.22 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: 96160856                   |
|      | Others:                              |
|      | Net weight: 6.8 kg                   |
|      | Gross weight: 6.8 kg                 |
|      | Shipping volume: 0.01 m <sup>3</sup> |
|      | Danish VVS No.: 388445450            |
|      | Swedish RSK No.: 5853385             |
|      | Norwegian NRF no.: 9041357           |

## On request SQE 5-50 50 Hz



| Description                              | Value                                     |
|--|---|
| <b>General information:</b>              |   |
| Product name:                            | SQE 5-50                                  |
| Product No:                              | On request                                |
| EAN number:                              | On request                                |
| Price:                                   |   |
| <b>Technical:</b>                        |   |
| Pump speed on which pump data are based: | 10700 rpm                                 |
| Rated flow:                              | 5 m <sup>3</sup> /h                       |
| Rated head:                              | 48 m                                      |
| Stages:                                  | 4   |
| Approvals on motor nameplate:            | CE,UL,CUL                                 |
| Curve tolerance:                         | ISO9906:2012 3B                           |
| Pump No:                                 | 96080399                                  |
| 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 1/2                                   |
| 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:                              | MSE3                                      |
| Power input - P1:                        | 2.32 kW                                   |
| Rated power - P2:                        | 1.55 kW                                   |
| Power input P3:                          | 1.22 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:                                | 96160856                                  |
| <b>Controls:</b>                         |   |
| CU 300/CU 301:                           | communication with CU 300/CU 301 possible |
| <b>Others:</b>                           |   |
| Net weight:                              | 6.8 kg                                    |
| Gross weight:                            | 6.8 kg                                    |
| Shipping volume:                         | 0.01 m <sup>3</sup>                       |
| Sales region:                            | EU/S-AMREG/APREG                          |





Company name:

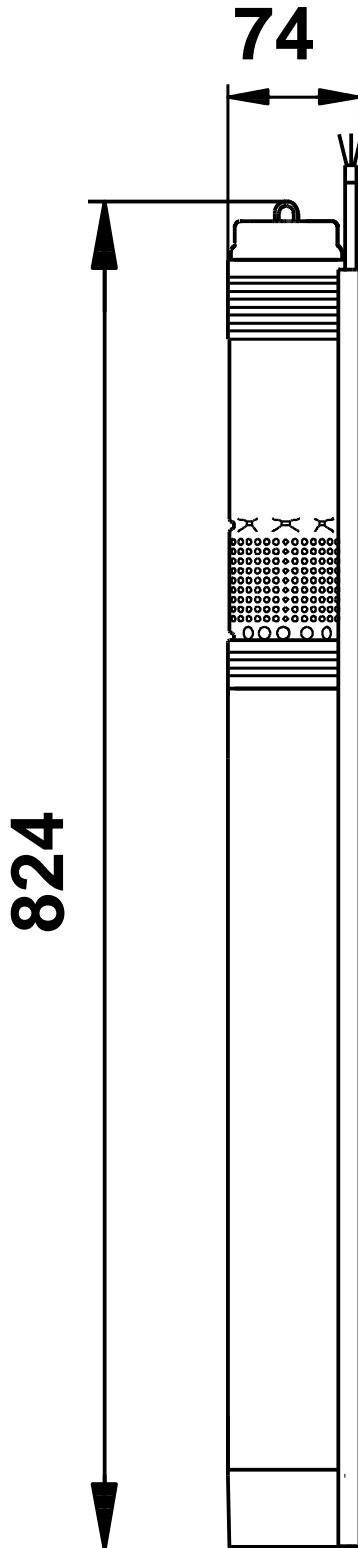
Created by:

Phone:

Date: 09/02/2021

| Description        | Value     |
|--------------------|-----------|
| Danish VVS No.:    | 388445450 |
| Swedish RSK No.:   | 5853385   |
| Norwegian NRF no.: | 9041357   |

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

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