

| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| 1    | <p data-bbox="204 338 355 360"><b>SCALA1 5-55</b></p> <div data-bbox="320 439 494 589">  </div> <p data-bbox="204 658 464 680">Product No.: <a href="#">99530407</a></p> <p data-bbox="204 719 1460 768">The Grundfos SCALA1 is a self-priming, multistage pump, that incorporates all the components of a pressure booster into a compact composite enclosure.</p> <p data-bbox="204 806 1460 916">As it is self-priming, the SCALA1 can pump water from a level below the pump. Provided it is filled with water, the pump can lift water from a depth of 8 m in less than 5 minutes. This facilitates easy installation and start-up of the pump and provides more reliable water supply in installations where there is a risk of dry running and leakages in suction hose or pipes.</p> <p data-bbox="204 954 1460 1003">SCALA1 can communicate with Grundfos GO app via built in Bluetooth, which enables detailed pump monitoring and high customization options, making this pump a good fit for every application.</p> <p data-bbox="204 1041 850 1064">SCALA1 incorporates advanced protection features such as:</p> <ul data-bbox="240 1070 1460 1180" style="list-style-type: none"> <li>- Dry running protection that will automatically stop the pump in case of water shortage</li> <li>- Cycling protection which will prevent pump starting frequently in case of minor leakages in installation</li> <li>- Max runtime protection can stop the pump after a desired period of continuous operation, preventing potential damage due flooding in case of pipe breakages.</li> </ul> <p data-bbox="204 1218 1460 1267">The pump has a built-in motor protection that will stop the pump if exposed to excessive temperature due to high ambient temperature, in case of seizure or overload, thus preventing a motor burnout.</p> <p data-bbox="204 1305 1460 1355">With Grundfos GO you can easily setup SCALA1 as a Twin booster system, operating as duty/stand by as well as duty/assist. It is also possible to add external input control and schedule a pump operation via calendar function.</p> <p data-bbox="204 1422 1460 1471">SCALA1 require no maintenance, but it is recommended to keep the pump clean, check the non-return valves and keep the ventilation holes free of dust.</p> |

| Description                         | Value             |
|-------------------------------------|-------------------|
| <b>General information:</b>         |                   |
| Product name:                       | SCALA1 5-55       |
| Product No:                         | 99530407          |
| EAN number:                         | 5713830592410     |
| <b>Technical:</b>                   |                   |
| Rated flow:                         | 5.33 m³/h         |
| Rated head:                         | 25 m              |
| Maximum head:                       | 55 m              |
| Shaft seal type:                    | BVBP              |
| Approvals:                          | CE,EAC,AAA        |
| Approvals for drinking water:       | WRAS,ACS          |
| Curve tolerance:                    | ISO9906:2012 3B   |
| Model:                              | A                 |
| Start pressure:                     | 2.8 bar           |
| <b>Materials:</b>                   |                   |
| Pump housing:                       | Composite         |
| Impeller:                           | Composite         |
| <b>Installation:</b>                |                   |
| Range of ambient temperature:       | 0 .. 55 °C        |
| Maximum operating pressure:         | 8 bar             |
| Maximum permissible inlet pressure: | 2 bar             |
| Type of inlet connection:           | R                 |
| Type of outlet connection:          | R                 |
| Size of inlet connection:           | 1 inch            |
| Size of outlet connection:          | 1 inch            |
| Pressure rating for connection:     | PN 8              |
| <b>Liquid:</b>                      |                   |
| Pumped liquid:                      | Water             |
| Liquid temperature range:           | 0 .. 45 °C        |
| Selected liquid temperature:        | 20 °C             |
| Density:                            | 998.2 kg/m³       |
| <b>Electrical data:</b>             |                   |
| P1 max.:                            | 1200 W            |
| Rated power - P2:                   | 0.78 kW           |
| Mains frequency:                    | 50 Hz             |
| Rated voltage:                      | 1 x 230 V         |
| Maximum current consumption:        | 5.38 A            |
| Enclosure class (IEC 34-5):         | X4D               |
| Insulation class (IEC 85):          | F                 |
| Length of power cable:              | 1.5 m             |
| Power plug:                         | Type E/F (CEE7/7) |
| Power plug:                         | Schuko plug       |
| <b>Others:</b>                      |                   |
| Net weight:                         | 14 kg             |
| Gross weight:                       | 16 kg             |
| Shipping volume:                    | 0.046 m³          |
| Storage temperature range:          | -40 .. 70 °C      |
| Swedish RSK No.:                    | 5854001           |
| Finnish LVI No.:                    | 4732546           |
| Norwegian NRF no.:                  | 9045231           |
| Country of origin:                  | HU                |
| Custom tariff no.:                  | 84137075          |

