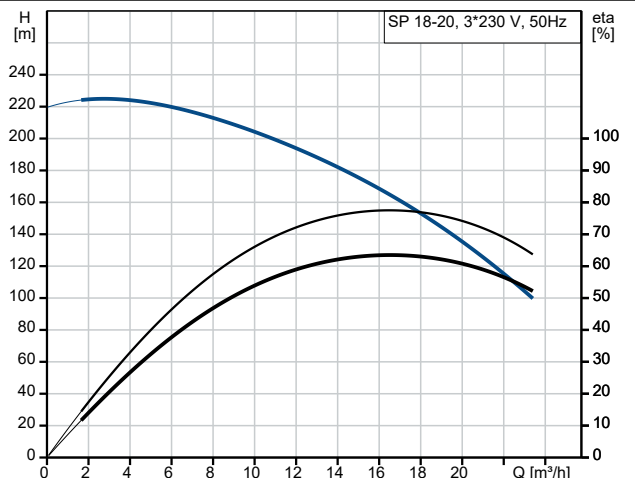
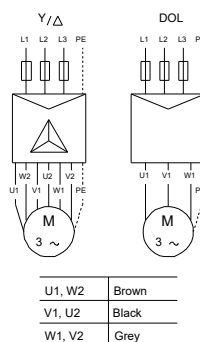
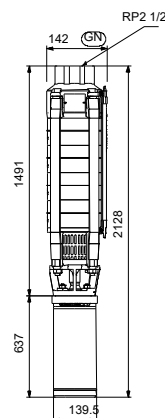
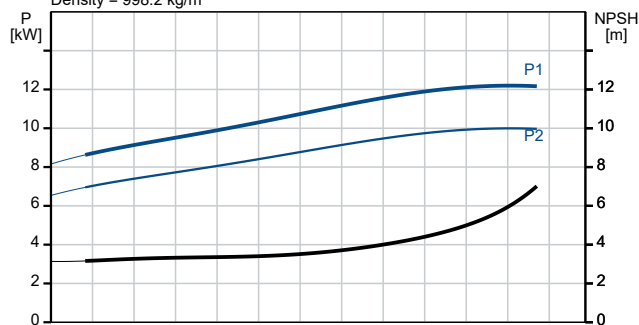


| Description                              | Value                          |
|------------------------------------------|--------------------------------|
| <b>General information:</b>              |                                |
| Product name:                            | SP 18-20                       |
| Product No:                              | On request                     |
| EAN number:                              | On request                     |
| <b>Technical:</b>                        |                                |
| Pump speed on which pump data are based: | 2900 rpm                       |
| Rated flow:                              | 18 m³/h                        |
| Rated head:                              | 153 m                          |
| Stages:                                  | 20                             |
| Number of reduced-diameter impellers:    | NONE                           |
| Shaft seal for motor:                    | CER/CARNBR                     |
| Approvals:                               | CE, EAC, UKCA, SEPRO, MOR OCCO |
| Approvals for drinking water:            | ACS, DM174                     |
| Curve tolerance:                         | ISO9906:2012 3B                |
| Model:                                   | A                              |
| Motor version:                           | T40                            |
| Return valve:                            | YES                            |
| <b>Materials:</b>                        |                                |
| Pump:                                    | Stainless steel                |
|                                          | EN 1.4301                      |
|                                          | AISI 304                       |
| Impeller:                                | Stainless steel                |
|                                          | EN 1.4301                      |
|                                          | AISI 304                       |
| Motor:                                   | Stainless steel                |
|                                          | DIN W.-Nr. 1.4301              |
| <b>Installation:</b>                     |                                |
| Maximum ambient pressure:                | 60 bar                         |
| Maximum operating pressure:              | 60 bar                         |
| Maximum outlet pressure:                 | 22.1 bar                       |
| Type of connection:                      | Rp                             |
| Size of connection:                      | 2 1/2 inch                     |
| Motor diameter:                          | 6 inch                         |
| Minimum borehole diameter:               | 145 mm                         |
| <b>Liquid:</b>                           |                                |
| Pumped liquid:                           | Water                          |
| Liquid temperature range:                | -15 .. 40 °C                   |
| Max liquid t at 0.15 m/sec:              | 40 °C                          |
| Selected liquid temperature:             | 20 °C                          |
| Density:                                 | 998.2 kg/m³                    |
| <b>Electrical data:</b>                  |                                |
| Motor type:                              | MS6000                         |
| Motor flange design:                     | Grundfos                       |
| Rated power - P2:                        | 11 kW                          |
| Power (P2) required by pump:             | 11 kW                          |
| Mains frequency:                         | 50 Hz                          |
| Rated voltage:                           | 3 x 220-230 V                  |
| Rated current:                           | 46.0-46.5 A                    |
| Starting current:                        | 530-560 %                      |
| Cos phi - power factor:                  | 0.80-0.76                      |
| Rated speed:                             | 2880-2890 rpm                  |
| Start. method:                           | direct-on-line                 |
| Enclosure class (IEC 34-5):              | IP68                           |
| Insulation class (IEC 85):               | F                              |



Pumped liquid = Water  
Liquid temperature during operation = 20 °C  
Density = 998.2 kg/m³





Company name:

Created by:

Phone:

Date:

13/01/2026

| Description                      | Value                |
|----------------------------------|----------------------|
| Built-in motor protection:       | NONE                 |
| Thermal protec:                  | external             |
| Built-in temp. transmitter:      | yes                  |
| Length of cable:                 | 5 m                  |
| Power cable type:                | FLAT                 |
| Motor No:                        | 78105514             |
| Cable number:                    | 96164214             |
| Windings:                        | Enamelled            |
| <b>Others:</b>                   |                      |
| Minimum efficiency index, MEI ≥: | 0.70                 |
| Net weight:                      | 80.2 kg              |
| Gross weight:                    | 114 kg               |
| Shipping volume:                 | 0.264 m <sup>3</sup> |
| Environmental approvals:         | WEEE                 |

