

## Data sheet: Stratos GIGA B 80/1-18/3,2

### Hydraulic data

|                                    |        |
|------------------------------------|--------|
| Minimum efficiency index (MEI)     | 0.7    |
| Maximum operating pressure $p$     | 16 bar |
| Min. fluid temperature $T_{min}$   | -20 °C |
| Max. fluid temperature $T_{max}$   | 140 °C |
| Min. ambient temperature $T_{min}$ | 0 °C   |
| Max. ambient temperature $T_{max}$ | 40 °C  |

### Materials

|              |                    |
|--------------|--------------------|
| Pump housing | 5.1301, KTL-coated |
| Impeller     | PPS-GF40           |
| Shaft        | 1.4542             |
| Shaft seal   | AQ1EGG             |
| Lantern      | 5.1301, KTL-coated |

### Installation dimensions

|   |        |
|---|--------|
| Pipe connection on the suction side<br><i>DN<sub>s</sub></i>  | DN 100 |
| Pipe connection on the pressure side<br><i>DN<sub>d</sub></i> | DN 80  |

### Motor data

|                               |                   |
|-------------------------------|-------------------|
| Mains connection              | 3~400 V, 50/60 Hz |
| Motor efficiency class        | IE5               |
| Rated power $P_2$             | 3.20 kW           |
| Rated current $I_N$           | 7.00 A            |
| Rated speed $n$               | 2300 rpm          |
| Max. speed $n_{max}$          | 2300 rpm          |
| Power consumption $P_{1 max}$ | 4020.0 W          |
| Emitted interference          | EN 61800-3        |
| Interference resistance       | EN 61800-3        |
| Insulation class              | F                 |
| Protection class motor        | IP55              |
| Threaded cable connection     | 1 x M12x1.5       |

### Approved liquids (other liquids upon request)

|   |                                      |
|---|--------------------------------------|
| Heating water (as per VDI 2035)   | yes                                  |
| Heat carrier oil  | Special version at additional charge |
| Cooling and cold water circulation systems  | yes                                  |
| Water-glycol mixtures (at 20 – 40 vol. % glycol and fluid temperature $\leq$ 40 °C) | yes                                  |

### Information for order placements

|                           |                            |
|---------------------------|----------------------------|
| Brand                     | Wilo                       |
| Product description       | Stratos GIGA B 80/1-18/3,2 |
| EAN number                | 4048482778488              |
| Article number            | 2189122                    |
| Net weight, approx. $m$   | 62 kg                      |
| Gross weight, approx. $m$ | 69.0 kg                    |
| Length with packaging     | 795 mm                     |
| Height with packaging     | 615 mm                     |
| Width with packaging      | 515 mm                     |
| Packaging property        | Transport packaging        |
| Packaging type            | Cardboard box              |
| Minimum order quantity    | 1                          |