

## Data sheet

### Hydraulic data

|   |                       |
|---|-----------------------|
| Maximum operating pressure $P_N$  | 10 bar                |
| Flow max $Q_{\max}$   | 3.6 m <sup>3</sup> /h |
| Minimum suction head at 50 °C $m$                                       | 0.5 m                 |
| Minimum suction head at 95 °C $m$                                       | 3 m                   |
| Minimum suction head at 110 °C  | 10 m                  |
| Min. fluid temperature $T_{\min}$                                       | -10 °C                |
| Max. fluid temperature $T_{\max}$                                       | 95 °C                 |
| Max. fluid temperature at max. ambient temperature of +25 °C $T_{\max}$ | 95 °C                 |
| Max. fluid temperature at max. ambient temperature of +40 °C $T_{\max}$ | 95 °C                 |
| Min. ambient temperature $T_{\min}$                                     | -10 °C                |
| Max. ambient temperature $T_{\max}$                                     | 40 °C                 |

### Motor data

|                               |                        |
|-------------------------------|------------------------|
| Energy efficiency index (EEI) | 0.20                   |
| Mains connection              | 1~230 V ±10%, 50/60 Hz |
| Rated power $P_2$             | 30 W                   |
| Min. speed $n_{\min}$         | 700 1/min              |
| Max. speed $n_{\max}$         | 4200 1/min             |
| Power consumption $P_{1\min}$ | 4 W                    |
| Power consumption $P_{1\max}$ | 40 W                   |
| Interference emission         | EN 61000-6-3           |
| Interference immunity         | EN 61000-6-2           |
| Electromagnetic compatibility | EN 61800-3             |
| Threaded cable connection     | 1 x PG11               |
| Insulation class              | F                      |
| Protection class              | IPX4D                  |

### Materials

|              |                           |
|--------------|---------------------------|
| Pump housing | Cast iron                 |
| Impeller     | PP-GF40                   |
| Shaft        | Stainless steel           |
| Bearing      | Carbon, metal-impregnated |

### Installation dimensions

|   |        |
|---|--------|
| Pipe connection on the discharge side $DNd$ | G 1½   |
| Pipe connection on the suction side $DNs$   | G 1½   |
| Port-to-port length $L_0$                   | 130 mm |