

## Data sheet

### Hydraulic data

|                                    |                        |
|------------------------------------|------------------------|
| Energy efficiency index (EEI)      | 0,17                   |
| Maximum operating pressure $P_N$   | 16 bar                 |
| Head max $H_{max}$                 | 12,0 m                 |
| Flow max hr $Q_{max\ hr}$          | 26,0 m <sup>3</sup> /h |
| Flow max add $Q_{max\ add}$        | 39,0 m <sup>3</sup> /h |
| Minimum suction head at 50 °C $m$  | 5 m                    |
| Minimum suction head at 95 °C $m$  | 12 m                   |
| Minimum suction head at 110 °C     | 18 m                   |
| Min. fluid temperature $T_{min}$   | -10 °C                 |
| Max. fluid temperature $T_{max}$   | 110 °C                 |
| Min. ambient temperature $T_{min}$ | -10 °C                 |
| Max. ambient temperature $T_{max}$ | 40 °C                  |

### Motor data

|                                |  |
|--------------------------------|--|
| Mains connection               | 1~230 V ±10%, 50/60 Hz                               |
| Min current $I_{min}$          | 0,2 A  |
| Max current $I_{max}$          | 2,49 A   |
| Min. speed $n_{min}$           | 650 1/min  |
| Max. speed $n_{max}$           | 3600 1/min   |
| Power consumption $P_{1\ min}$ | 10 W   |
| Power consumption $P_{1\ max}$ | 570 W  |
| Interference emission          | EN 61800-3;2004+A1;2012 /residential area (C1)       |
| Interference immunity          | EN 61800-3;2004+A1;2012 /industrial environment (C2) |
| Insulation class               | F  |
| Protection class               | IPX4D  |

### Materials

|              |                              |
|--------------|------------------------------|
| Pump housing | Cast iron                    |
| Impeller     | PPS-GF40                     |
| Shaft        | 1.4028, DLC-coated           |
| Bearing      | Carbon, antimony-impregnated |

### Installation dimensions

|  |        |
|--|--------|
| Pipe connection on the pressure side $DNd$ | DN 40  |
| Pipe connection on the suction side $DNs$  | DN 40  |
| Port-to-port length $L0$                   | 250 mm |