

## Data sheet

### Hydraulic data

|                                    |                        |
|------------------------------------|------------------------|
| Energy efficiency index (EEI)      | 0,17                   |
| Maximum operating pressure $P_N$   | 16 bar                 |
| Head max $H_{max}$                 | 16,0 m                 |
| Flow max hr $Q_{max\ hr}$          | 51,0 m <sup>3</sup> /h |
| Flow max add $Q_{max\ add}$        | 75,0 m <sup>3</sup> /h |
| Minimum suction head at 50 °C $m$  | 7 m                    |
| Minimum suction head at 95 °C $m$  | 15 m                   |
| Minimum suction head at 110 °C     | 23 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 $I_{min}$          | 0,3 A                                                |
| Max current $I_{max}$          | 6,52 A                                               |
| Min. speed $n_{min}$           | 500 1/min                                            |
| Max. speed $n_{max}$           | 3200 1/min                                           |
| Power consumption $P_{1\ min}$ | 20 W                                                 |
| Power consumption $P_{1\ max}$ | 1480 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 $DN_d$ | DN 50  |
| Pipe connection on the suction side $DN_s$  | DN 50  |
| Port-to-port length $L_0$                   | 340 mm |