

## Data sheet

### Hydraulic data

|  |                       |
|--|-----------------------|
| Maximum operating pressure $PN$  | 10 bar                |
| Head max $H_{max}$   | 7.6 m                 |
| Flow max $Q_{max}$   | 4.4 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) | ≤0.23                  |
| Mains connection              | 1~230 V ±10%, 50/60 Hz |
| Rated power $P_2$             | 58 W                   |
| Min. speed $n_{min}$          | 500 1/min              |
| Max. speed $n_{max}$          | 4800 1/min             |
| Power consumption $P_{1 min}$ | 4 W                    |
| Power consumption $P_{1 max}$ | 75 W                   |
| Emitted interference          | EN 61000-6-3           |
| Interference resistance       | EN 61000-6-2           |
| Electromagnetic compatibility | EN 61800-3             |
| Threaded cable connection     | 1 x PG11               |
| Insulation class              | F                      |
| Protection class              | IPX4D                  |

### Materials

|              |                           |
|--------------|---------------------------|
| Pump housing | Grey 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 $L0$                    | 130 mm |