

## Data sheet

## Hydraulic data

|                                     |        |
|-------------------------------------|--------|
| Maximum operating pressure $P_N$    | 10 bar |
| Head max $H_{\max}$                 | 7,0 m  |
| Minimum suction head at 50 °C $m$   | 3 m    |
| Minimum suction head at 95 °C $m$   | 10 m   |
| Minimum suction head at 110 °C      | 16 m   |
| Min. fluid temperature $T_{\min}$   | -20 °C |
| Max. fluid temperature $T_{\max}$   | 110 °C |
| Min. ambient temperature $T_{\min}$ | -20 °C |
| Max. ambient temperature $T_{\max}$ | 40 °C  |

## Motor data

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Energy efficiency index (EEI) | 0,23                                                 |
| Mains connection              | 1~230 V $\pm$ 10%, 50/60 Hz                          |
| Min current $I_{\min}$        | 0,08 A                                               |
| Max current $I_{\max}$        | 1 A                                                  |
| Min. speed $n_{\min}$         | 1000 1/min                                           |
| Max. speed $n_{\max}$         | 3700 1/min                                           |
| Power consumption $P_{1\min}$ | 5 W                                                  |
| Power consumption $P_{1\max}$ | 120 W                                                |
| Interference emission         | EN 61800-3;2004+A1;2012 /residential area (C1)       |
| Interference immunity         | EN 61800-3;2004+A1;2012 /industrial environment (C2) |
| Threaded cable connection     | 2 x M20x1.5                                          |
| Insulation class              | F                                                    |
| Protection class              | IPX4D                                                |

## Materials

|              |                           |
|--------------|---------------------------|
| Pump housing | Cast iron                 |
| Impeller     | PPE/PS-GF30               |
| Shaft        | Stainless steel           |
| Bearing      | Carbon, metal-impregnated |

## Installation dimensions

|                                             |        |
|---------------------------------------------|--------|
| Pipe connection on the pressure side $DN_d$ | DN 32  |
| Pipe connection on the suction side $DN_s$  | DN 32  |
| Port-to-port length $L_0$                   | 220 mm |