

Data sheet

Hydraulic data

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|------------------------------------|-------------------------|
| Energy efficiency index (EEI) | 0,17 |
| Maximum operating pressure P_N | 10 bar |
| Head max H_{max} | 15,5 m |
| Flow max hr $Q_{max\ hr}$ | 73,0 m ³ /h |
| Flow max add $Q_{max\ add}$ | 112,0 m ³ /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

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|--------------------------------|--|
| Mains connection | 1~230 V ±10%, 50/60 Hz |
| Min current I_{min} | 0,3 A |
| Max current I_{max} | 7,14 A |
| Min. speed n_{min} | 500 1/min |
| Max. speed n_{max} | 3200 1/min |
| Power consumption $P_{1\ min}$ | 20 W |
| Power consumption $P_{1\ max}$ | 1645 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

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

Installation dimensions

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|--|--------|
| Pipe connection on the pressure side DNd | DN 80 |
| Pipe connection on the suction side DNs | DN 80 |
| Port-to-port length LO | 360 mm |