

Data sheet

Hydraulic data

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|---|-----------------------|
| Maximum operating pressure P_N | 10 bar |
| Max. delivery head H | 7.4 m |
| Max. volume flow Q | 8.2 m ³ /h |
| Min. fluid temperature for HVAC applications T_{\min} | 0 °C |
| Max. fluid temperature for HVAC T | 80 °C |
| Min. ambient temperature T_{\min} | 0 °C |
| Max. ambient temperature T_{\max} | 40 °C |
| Max. permitted total water hardness | 3.57 mmol/l (20°dH) |

Motor data

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|--------------------------------|--|
| Energy efficiency index (EEI) | 0.20 |
| Mains connection | 1~230 V, 50/60 Hz |
| Rated power P_2 | 0.09 kW |
| Rated current I_N | 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) |
| Speed control | Frequency converter |
| Insulation class | F |
| Protection class motor | IPX4D |
| Motor protection | Internal protection overheating and overcurrent |

Materials

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|--------------|-------------------------------------|
| Pump housing | Bronze |
| Impeller | PPS-GF40 |
| Shaft | Stainless steel |
| Bearing | Carbon, synthetic resin-impregnated |

Installation dimensions

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|---|--------|
| Pipe connection on the suction side DNs | G 1½ |
| Pipe connection on the discharge side DNd | G 1½ |
| Port-to-port length $L0$ | 180 mm |