

Data sheet

Hydraulic data

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|---|---|
| Maximum operating pressure P_N | 16 bar |
| Delivery head for Q_{min} $H_{Q_{min}}$ | 8,7 m |
| Max. volume flow Q_{max} | 42,7 m ³ /h |
| Min. fluid temperature for HVAC applications T_{min} | -20 °C |
| Max. fluid temperature for HVAC applications T_{max} | 110 °C |
| Min. fluid temperature for drinking water applications T_{min} | 0 |
| Max. fluid temperature for drinking water applications T_{max} | 80 |
| Max. fluid temperature for drinking water applications in short-time duty (2 hours) T_{max} | 110 °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) (3.21 mmol/l (18°dH) for 20/4 + 25/6) |

Motor data

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|------------------------------|---------------------------------|
| Mains connection | 3~400 V, 50 Hz |
| Rated power P_2 | 700 W |
| Rated current I_N | 2,42 A |
| Max. speed n_{max} | 2850 1/min |
| Power consumption P_{1min} | 515 W |
| Power consumption P_{1max} | 1050 W |
| Interference emission | EN 61000-6-3 |
| Interference immunity | EN 61000-6-2 |
| Protection class motor | IPX4D |
| Insulation class | H |
| Threaded cable connection | 2 x PG13.5 |
| Motor protection | Internal protection overheating |

Materials

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|--------------|-------------------------------------|
| Pump housing | Cast iron |
| Impeller | PPE-GF30 |
| Shaft | Stainless steel |
| Bearing | Carbon, synthetic resin-impregnated |

Installation dimensions

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|---|--------|
| Pipe connection on the suction side DN_s | DN 65 |
| Pipe connection on the pressure side DN_d | DN 65 |
| Port-to-port length L_0 | 340 mm |