

Data sheet

Hydraulic data

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|------------------------------------|--------|
| Minimum efficiency index (MEI) | 0,4 |
| Maximum operating pressure P_N | 10 bar |
| Min. fluid temperature T_{min} | -20 °C |
| Max. fluid temperature T_{max} | 120 °C |
| Min. ambient temperature T_{min} | 0 °C |
| Max. ambient temperature T_{max} | 40 °C |

Motor data

| | |
|----------------------------------|-------------------|
| Mains connection | 3~380 V, 50/60 Hz |
| Motor efficiency class | IE4 |
| Rated power P_2 | 3 kW |
| Rated current I_N | 9,3 A |
| Rated speed n | 2900 1/min |
| Max. speed n_{max} | 2900 1/min |
| Interference emission | EN 61800-3 |
| Interference immunity | EN 61800-3 |
| Insulation class | F |
| Protection class motor | IP55 |
| Integrated full motor protection | - |
| Threaded cable connection | 1 x M16x1.5 |

Materials

| | |
|--------------|-----------------|
| Pump housing | Cast iron |
| Impeller | PPE/PS-GF30 |
| Shaft | Stainless steel |
| Shaft seal | AQ1EGG |
| Lantern | Cast iron |

Approved liquids (other liquids upon request)

| | |
|---|--------------------------------------|
| Heating water (as per VDI 2035) | yes |
| Heat carrier oil | Special version at additional charge |
| Cooling and cold water circulation systems | yes |
| Water-glycol mixtures (at 20 - 40 vol. % glycol and fluid temperature ≤ 40 °C) | yes |

Installation dimensions

| | |
|---|--------|
| Port-to-port length L_0 | 320 mm |
| Pipe connection on the suction side DN_s | DN 40 |
| Pipe connection on the pressure side DN_d | DN 40 |