

Data sheet

Hydraulic data

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|-------------------------------------|-----------------------|
| Minimum efficiency index (MEI) | 0,4 |
| Max. operating pressure p | 10 bar |
| Maximum operating pressure PN | 10 bar |
| Min. fluid temperature T_{\min} | -20 °C |
| Max. fluid temperature T_{\max} | 120 °C |
| Max. ambient temperature T_{\max} | 40 °C |
| Flow max Q_{\max} | 6,9 m ³ /h |
| Flow opt Q_{opt} | 3,9 m ³ /h |
| Head max H_{\max} | 5,5 m |
| Head opt H_{opt} | 4,0 m |
| Head $H_{Q_{\min}}$ | 5,5 m |

Motor data

| | |
|----------------------------------|-----------------|
| Mains connection | 3~400 V, 50 Hz |
| Voltage tolerance | ±10 % |
| Rated power P_2 | 0,12 kW |
| Rated current I_N | 0,33 A |
| Rated speed n | 2780 1/min |
| Power factor $\cos \varphi$ | 0,75 |
| Motor efficiency η_M 50% | 66,3 Percentage |
| Motor efficiency η_M 75% | 72,2 Percentage |
| Motor efficiency η_M 100% | 64 Percentage |
| Motor winding up to 3 kW | - |
| Motor winding from 4 kW | - |
| Insulation class | F |
| Protection class motor | IP55 |
| Integrated full motor protection | - |

Materials

| | |
|-----------------|-----------------|
| Pump housing | Cast iron |
| Impeller | PP-LGF50 |
| Shaft | Stainless steel |
| Mechanical seal | AQ1EGG |
| Lantern | Cast iron |

Installation dimensions

| | |
|---|--------|
| Pipe connection on the suction side DN_s | G 1½ |
| Pipe connection on the pressure side DN_d | G 1½ |
| Port-to-port length L_0 | 180 mm |