

Centrifugal Pump IFC 3000-1

Article-No.: Z-P 2000 0500



| Design | |
|-----------------|--------------------|
| Weight | 350 g |
| Motor control | Self-sensing |
| Hydraulic power | 3.000 l/h at 1 bar |
| Voltage range | 9-60 VDC |
| Motor | BLDC |

Main Characteristics

Electrically powered high-performance pump for water circuits or circuits with dielectric media. Equipped with a BLDC motor and intelligent control electronics (using IFC, Intelligent Flow Control).

Intelligent performance control depending on load status, processor temperature and ambient/medium temperature

Performance data at 70°C medium water/glycol and 70°C ambient temperature: 3000 l/h at 1 bar.

Function

Pump: Centrifugal pump

Motor: BLDC, external rotor

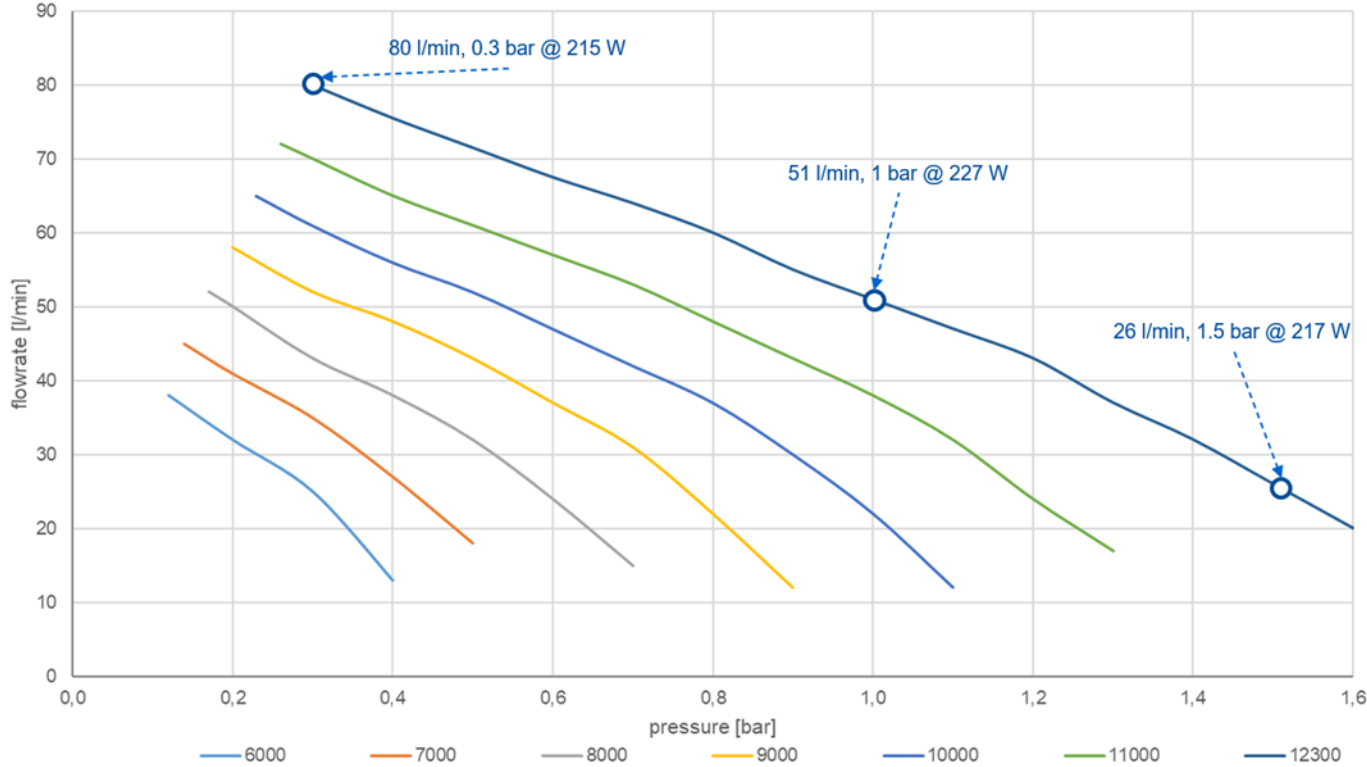
Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF

Software: To integrate our product into the CAN vehicle architecture, we automatically supply the DBC-file if required

Dimensions and Connections

- Length: 109 mm (with electric connection: 124 mm)
- Width: 84 mm
- Height: 76 mm
- Hydraulic connections: -16 Wiggins tube connectors
- Electric connection: Souriau 8STA0 10-98 PN, on vehicle side 8STA6 10-98 SN
- Mounting: 4 M4 screws

Measurements – Operating Points



Medium: Water/Glycol