

Centrifugal Pump IFC 1800-1

Article-No.: Z-P 2000 0550



Design	
Weight	300 g
Motor control	Self-sensing
Hydraulic power	1800 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: 1800 l/h at 1 bar.

Function

Pump: Centrifugal pump

Motor: BLDC, external rotor

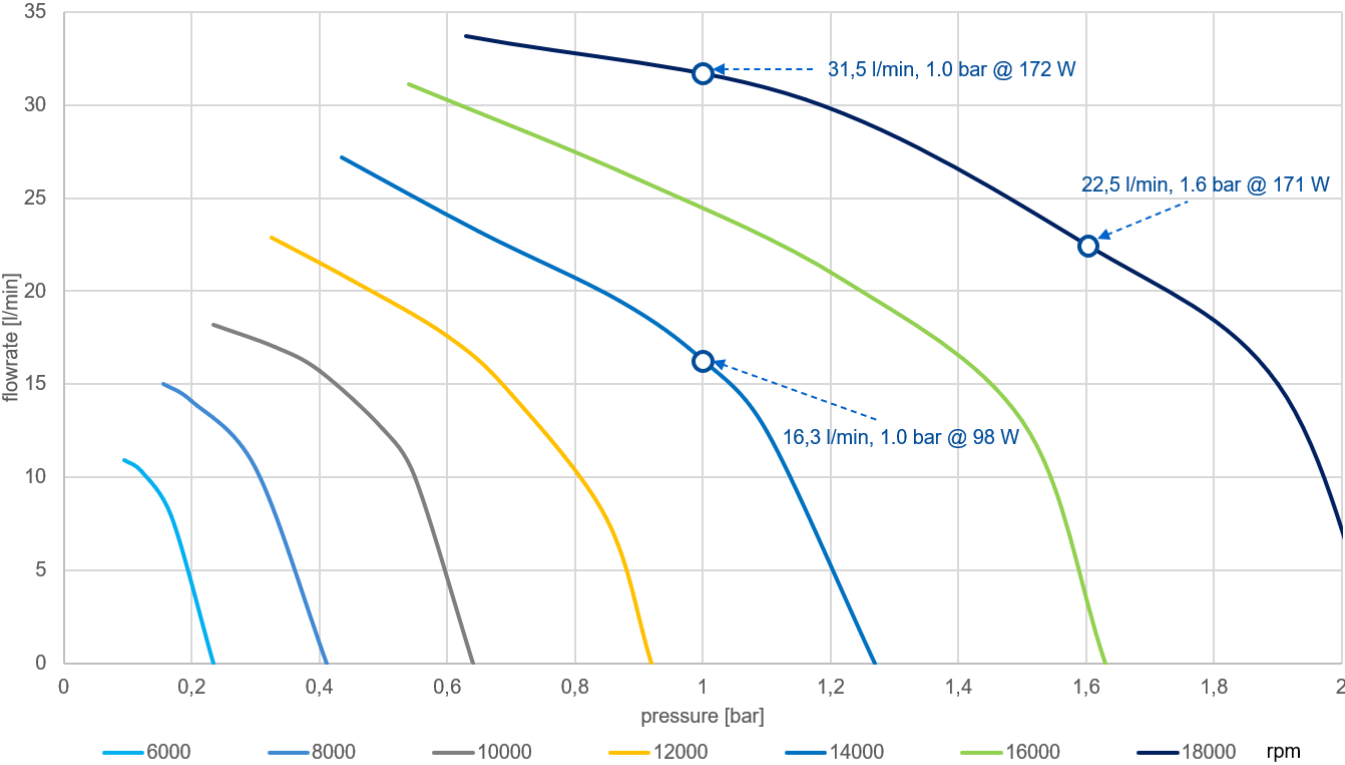
Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF

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

Dimensions and Connections

- Length: 108 mm (with electric connection: 123 mm)
- Width: 80 mm
- Height: 63 mm
- Hydraulic connections: -10 Wiggins tube connectors
- Electric connection: Souriau 8STA0 10-98 PN, on vehicle side 8STA6 10-98 SN
- Mounting: 4 M5 screws

Measurements – Operating Points



Medium: Water/Glycol