

Oil Pump IFC 600-1

Article-No.: Z-P 2000 0900



Design	
Weight	375 g
Motor control	Self-sensing
Hydraulic power	600 l/h at 1 bar
Voltage range	9-60 VDC
Motor	BLDC

Main Characteristics

Electrically powered high-performance pump for oil circuits with 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 80°C medium / 80°C ambient temperature: 600 l/h at 1 bar.

Function

Pump: Displacement pump (gerotor), self-priming

Motor: BLDC, external rotor

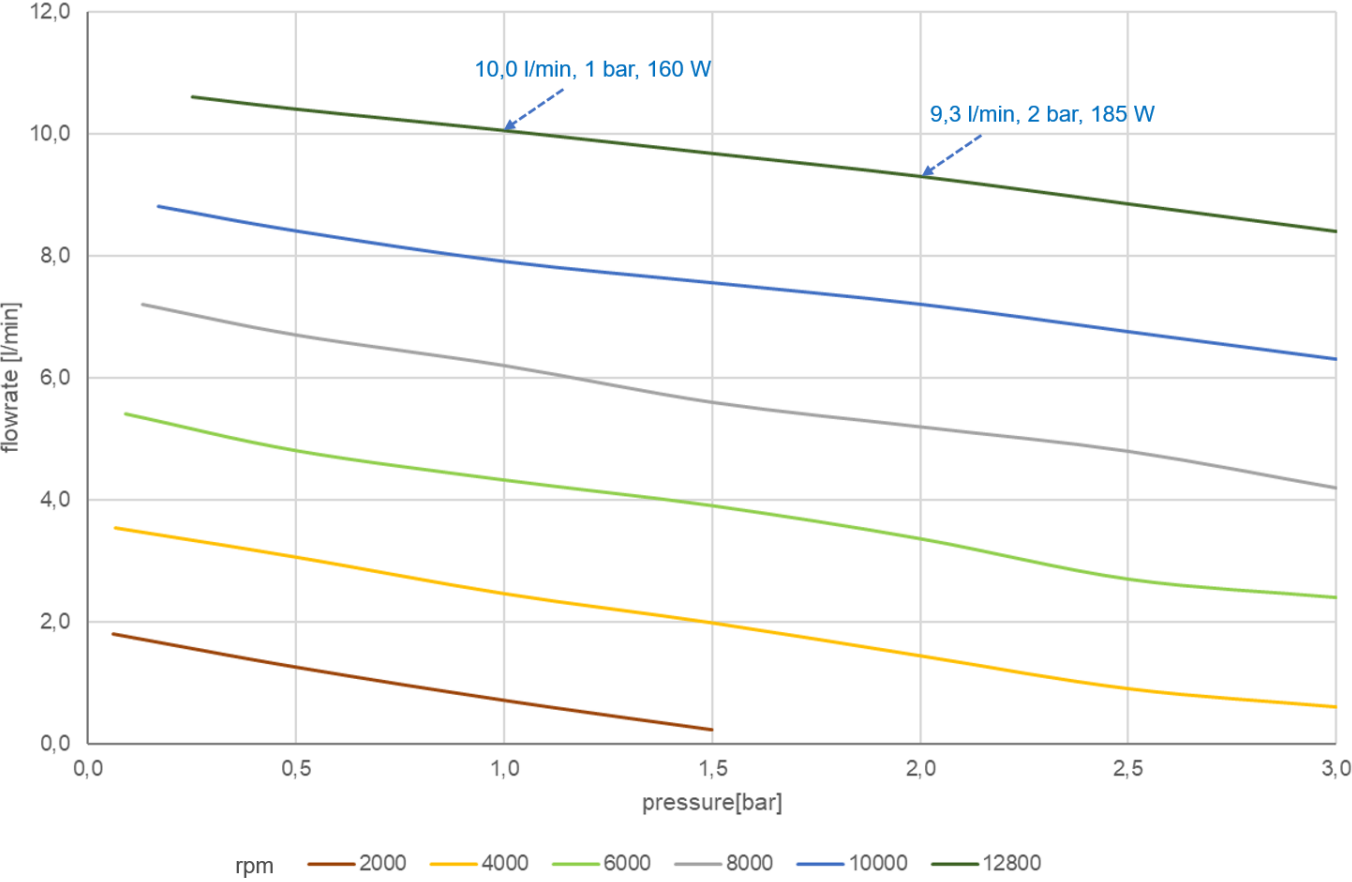
Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF

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

Dimensions and Connections

- Length: 100 mm (with electric connection: 113 mm)
- Width: 80 mm (with -08 JIC: 108 mm)
- Height: 62 mm
- Hydraulic connections: -08 JIC (other connections available)
- Electric connection: 8STA0 10-98 PN, on vehicle side 8STA6 10-98 SN
- Mounting: 4 M5 screws

Measurements – Operating Points



Medium: ATF
Temperature medium: 80°C
Temperature ambient: 80°C