

## Gerotor Pump IFC 1200-3

Article-No.: Z-P 2000 0066



Design	
Weight	1200 g
Medium	Oil
Motor control	Sensored or self-sensing
Hydraulic power	1.200 l/h at 3.0 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)
- Power control: Varies with load conditions, processor temperature, and ambient temperature
- Performance data at 80°C medium / 80°C ambient temperature: 1200 l/h at 3 bar.

### Function

Pump: Displacement pump (gerotor), self-priming

Motor: BLDC, external rotor

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

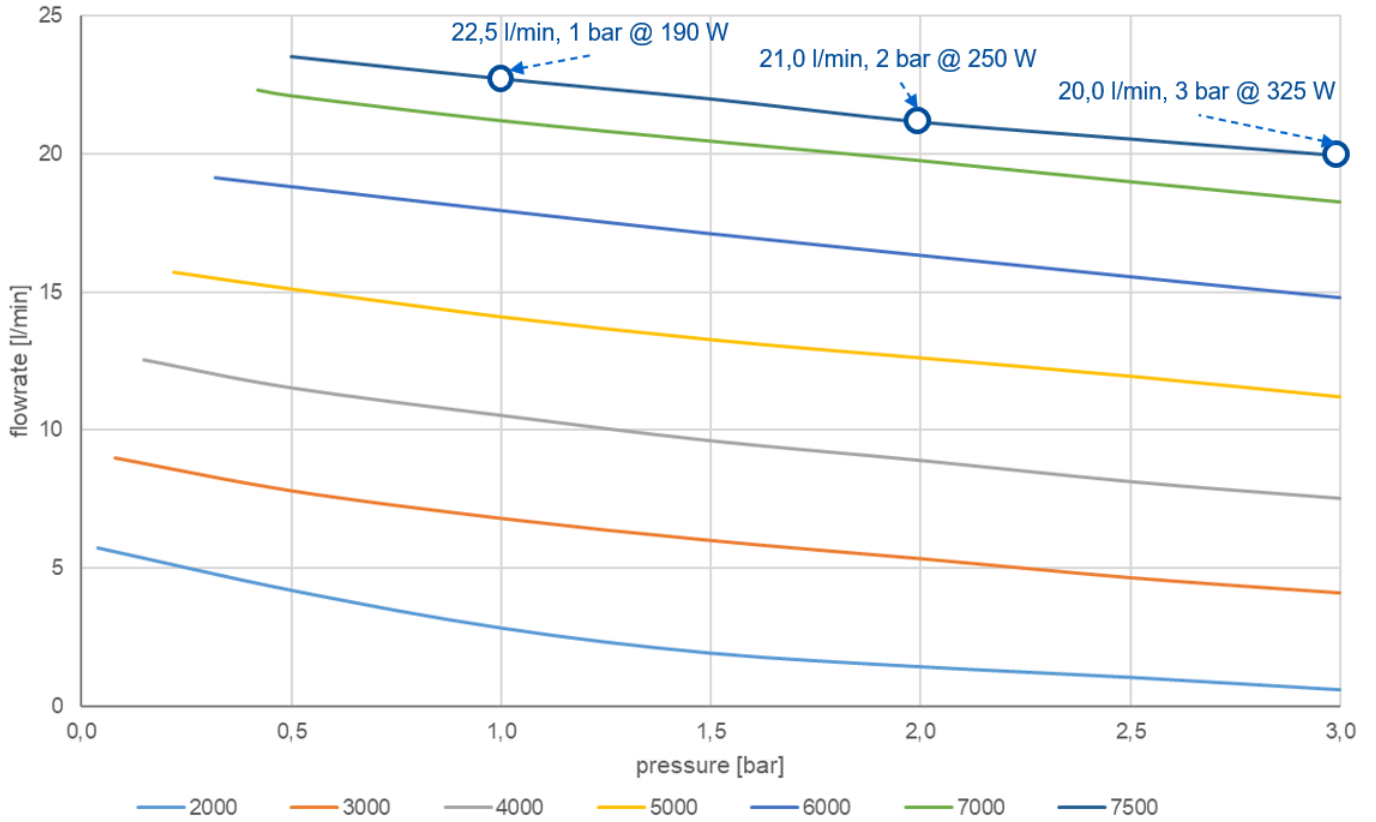
Software:

- Intelligent performance control depending on load status, processor temperature and ambient/medium temperature
- To integrate our product into the CAN vehicle architecture, we automatically supply the DBC-file if required

### Connections

- Length: 142 mm (without electrical connection)
- Width: 101 mm (with mounting tabs, without hydraulic connections)
- Height: 90 mm
- Hydraulic connections: -12 JIC (other connections available)
- Electric connection: Souriau 8STA0 12-26 PN, on vehicle side 8STA6 12-26 SN
- Mounting: 4 M6 screws

Measurements – Operating points



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