

## Gerotor Pump IFC 210-3

Article-No.: Z-P 2000 0170



Design	
Weight	300 g
Medium	Oil
Motor control	Self-sensing
Hydraulic power	210 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)
- Intelligent performance control depending on load status, processor temperature and ambient/medium temperature
- Performance data at 80°C medium / 80°C ambient temperature: 210 l/h at 3 bar.

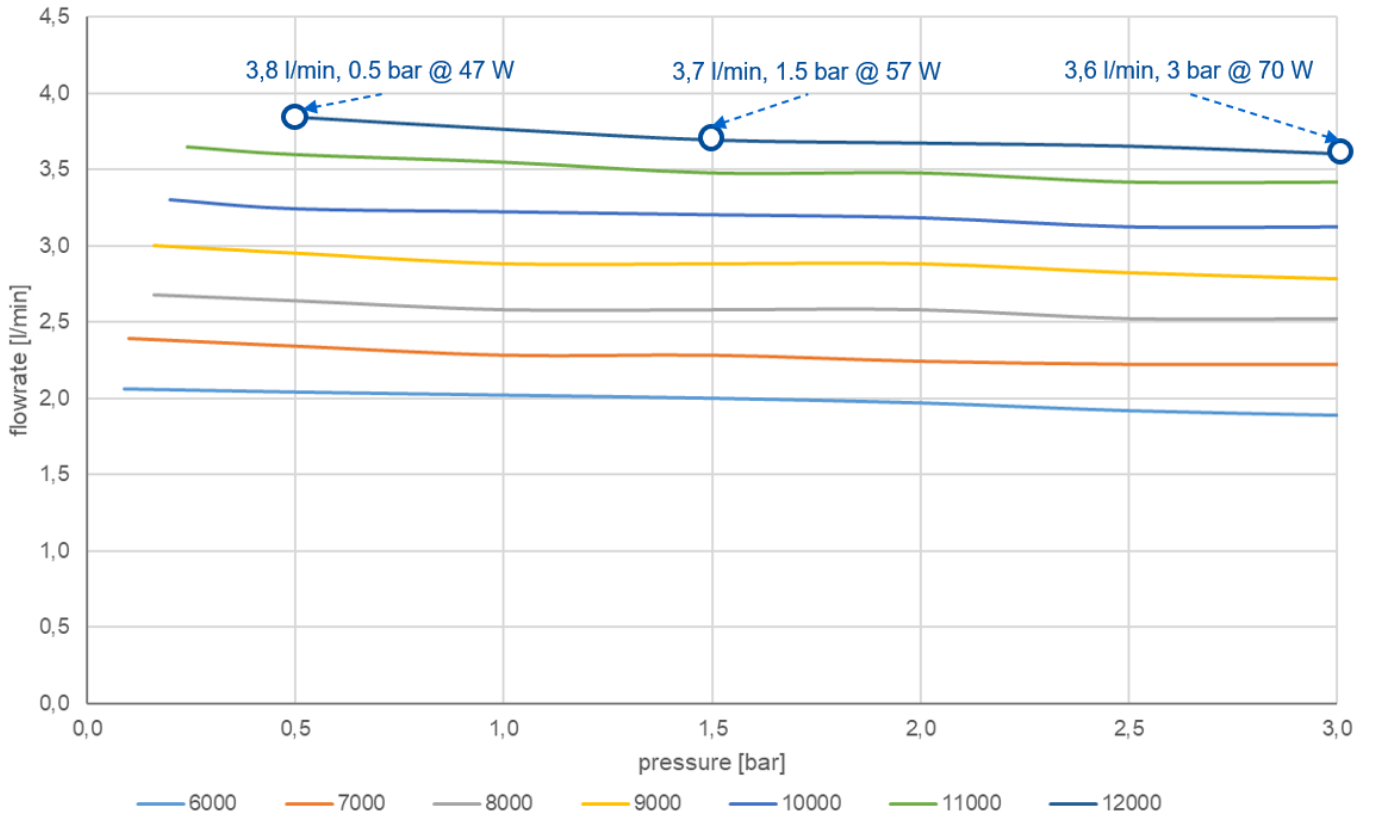
### Function

- Pump: Displacement pump (gerotor), self-priming
- Motor: BLDC, external rotor
- Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF
- Software: To integrate our product into the CAN vehicle architecture, we automatically supply the DBCfile if required

### Connections

- Length: 108 mm
- Width: 66.5 mm
- Height: 56 mm (with electric connection: 70 mm)
- Hydraulic connections: Push-in fitting with retaining plate according to customer specification
- Electric connection: Souriau 8STA0 10-98 PN, on vehicle side 8STA6 10-98 SN
- Mounting: 4 M4 screws

Measurements – Operating points



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