

## Gerotor Pump IFC 540-3

Article-No.: Z-P 2000 0051



Design	
Weight	920 g
Medium	Oil
Motor control	Sensored or self-sensing
Hydraulic power	540 l/h at 3 bar
Voltage range	10-60 VDC
Motor	BLDC

### Main Characteristics

- Electric powered high-performance pump for transmission oil with BLDC-motor and intelligent control electronics (IFC = Intelligent Flow Control)
- Power control: Depending on load status, processor temperature and ambient temperature
- Performance data at 120°C medium / 80°C ambient temperature: 540l/h at 3 bar

### Function

Pump: Displacement pump (gerotor), self-priming

Motor: BLDC internal 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 151 mm
- Width 55 mm (without electrical connection)
- Height 74 mm
- Hydraulic connections: -08 Wiggins tube connectors (other connections, e.g. JIC available)
- Electric connections: Souriau plug 8STA0 10-98 PN, vehicle side 8STA6-10-98 SN
- Mounting: 4 screws M5

Measurements – Operating points

