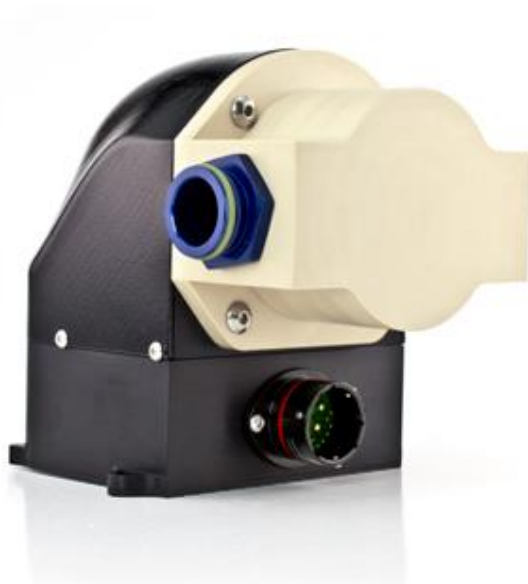


## Gerotor Pump IFC 2400-3

## Article-No.: Z-P 2000 0150



Design	
Weight	1600 g
Medium	Water/dielectric
Material pump	PEEK
Motor control	Sensored or self-sensing
Hydraulic power	2400 l/h at 3.0 bar
Voltage range	10-60 VDC
Motor	BLDC

### Main Characteristics

- Electric powered high-performance pump for water/glycol or KERS-oil with BLDC-motor and intelligent control electronics (Electric Water and Oil Cooling = EWOC pump)
- Coolant pump especially for hybrid systems; pump made of PEEK to avoid metallic abrasion / gerotor outrunner made of TECA PEEK
- Power control: Depending on load status, processor temperature and ambient/medium temperature
- Performance data at 50°C medium / 50°C ambient temperature: 2400l/h at 3.0 bar
- Optimization of the customer-specific operating point to increase efficiency

### 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 136 mm
- Width 120 mm
- Height 132 mm
- Hydraulic connections: -16 Wiggins tube connectors (other connections, e.g. JIC available)
- Electric connections: Souriau 8STA0 16-20 PN, on vehicle side 8STA6 16-20 SN
- Mounting: 3 screws M5