

## PEEK Pump EWOC 2400-3

Article-No.: Z-P 2000 0250



Design	
Mass	1600 g
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 (e.g. CAN)
- ON/OFF with intelligent performance control depending on load status, processor temperature and ambient/medium temperature

### Measures

- 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