

Oil Pump IFC 540-3

Article-No.: Z-P 2000 0051



Design	
Mass	920 g
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

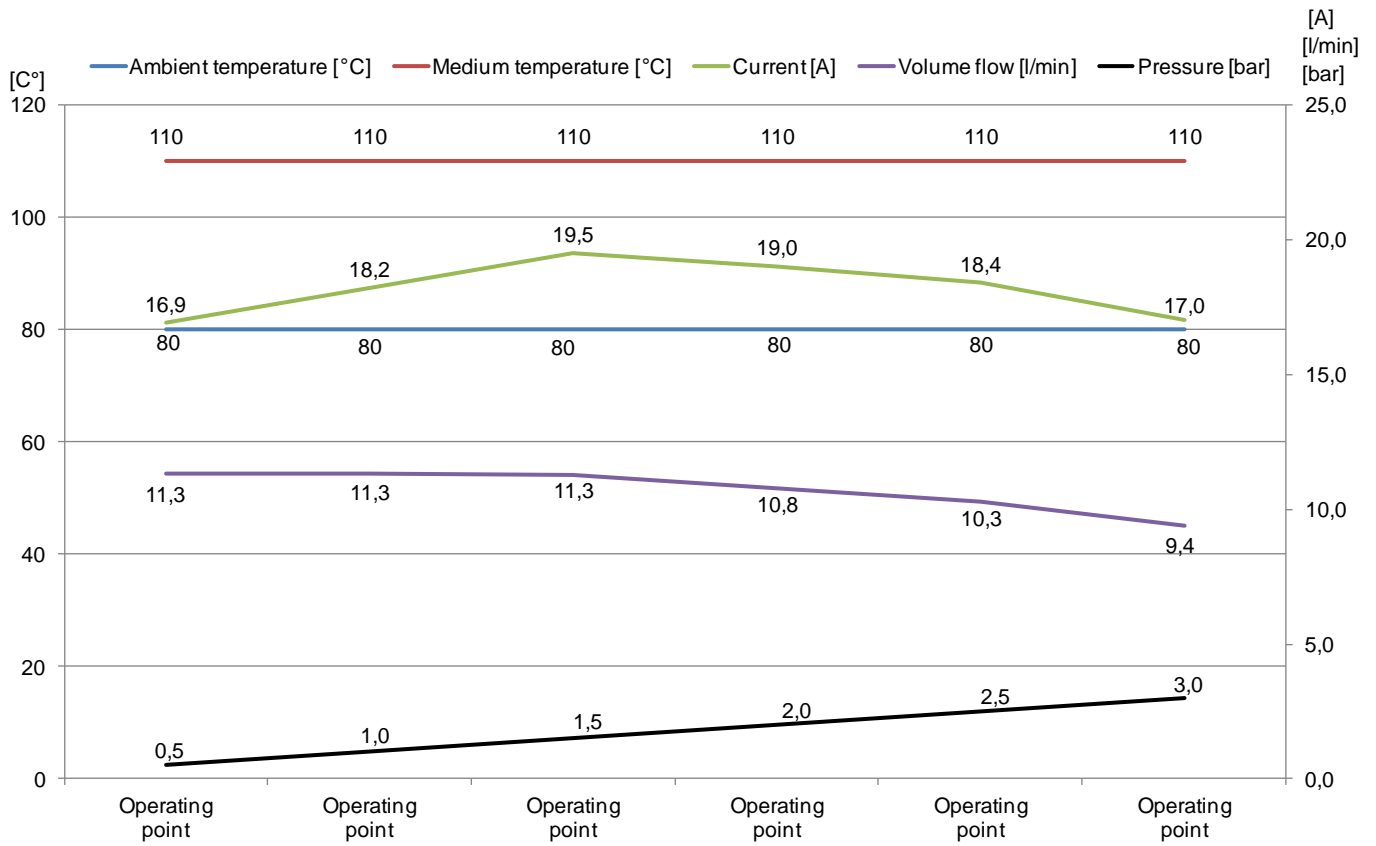
Control electronics:

- Standard ON/OFF with intelligent performance control depending on load status, processor temperature and ambient temperature
- Customer-specific interfaces (CAN, LIN etc.) available

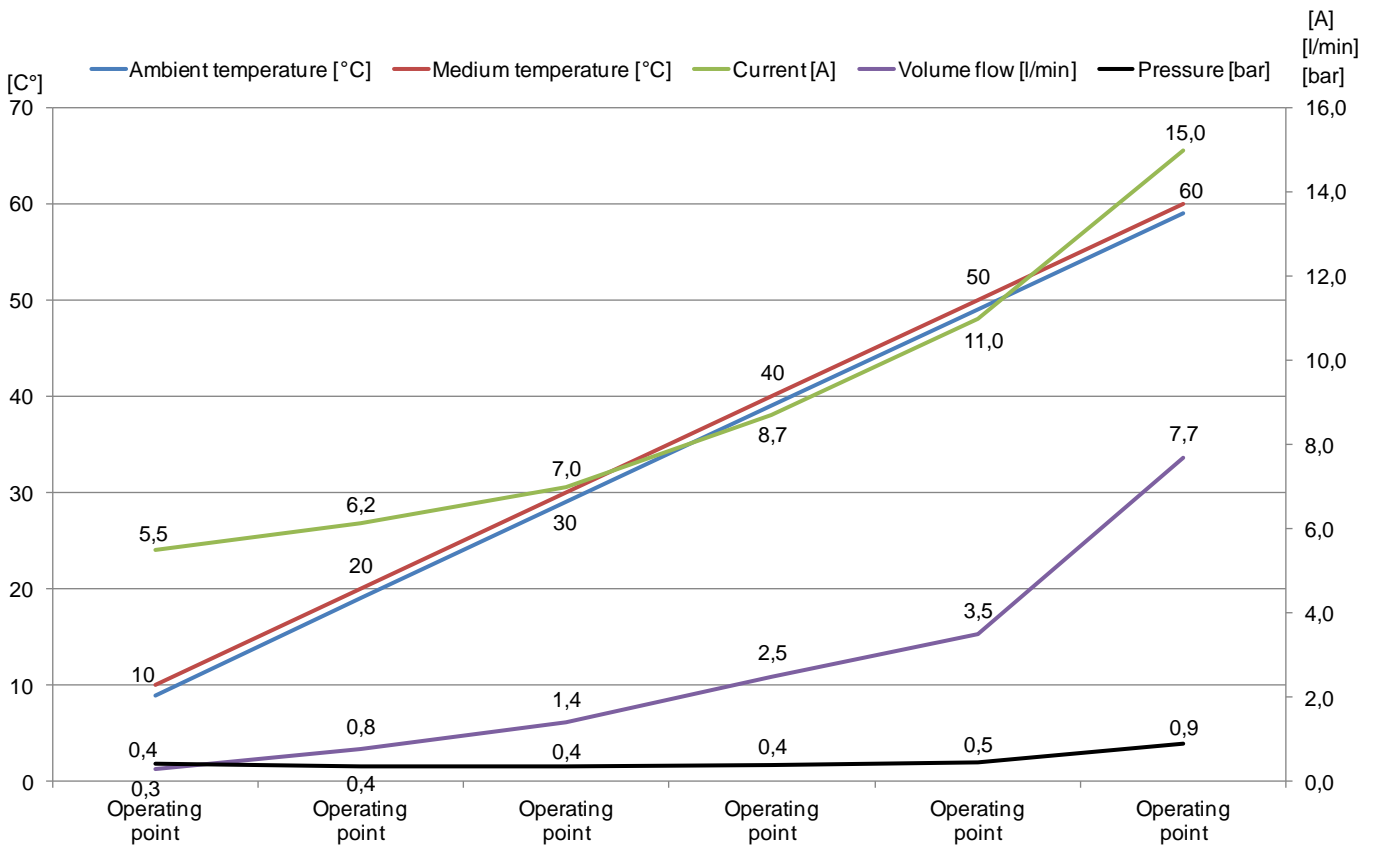
Measures

- 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

Measurement data – Operating points



U = 13,5 V



U = 13,5 V

Measurement data – Operating points

