

Screw Pump IFC 800-3

Article-No.: Z-P 4000 0400



Design	
Weight	400 g
Motor control	Sensored or self-sensing
Hydraulic power	800 l/h at 3 bar
Voltage range	9-60 VDC
Motor	BLDC

Main Characteristics

Electrically powered high-performance pump for water circuits or circuits with dielectric media. Equipped with a 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 55°C medium Shell Diala S4 ZX-I: 800 l/h at 3 bar.

Function

Pump: Displacement pump (screw pump)

Motor: BLDC, external rotor

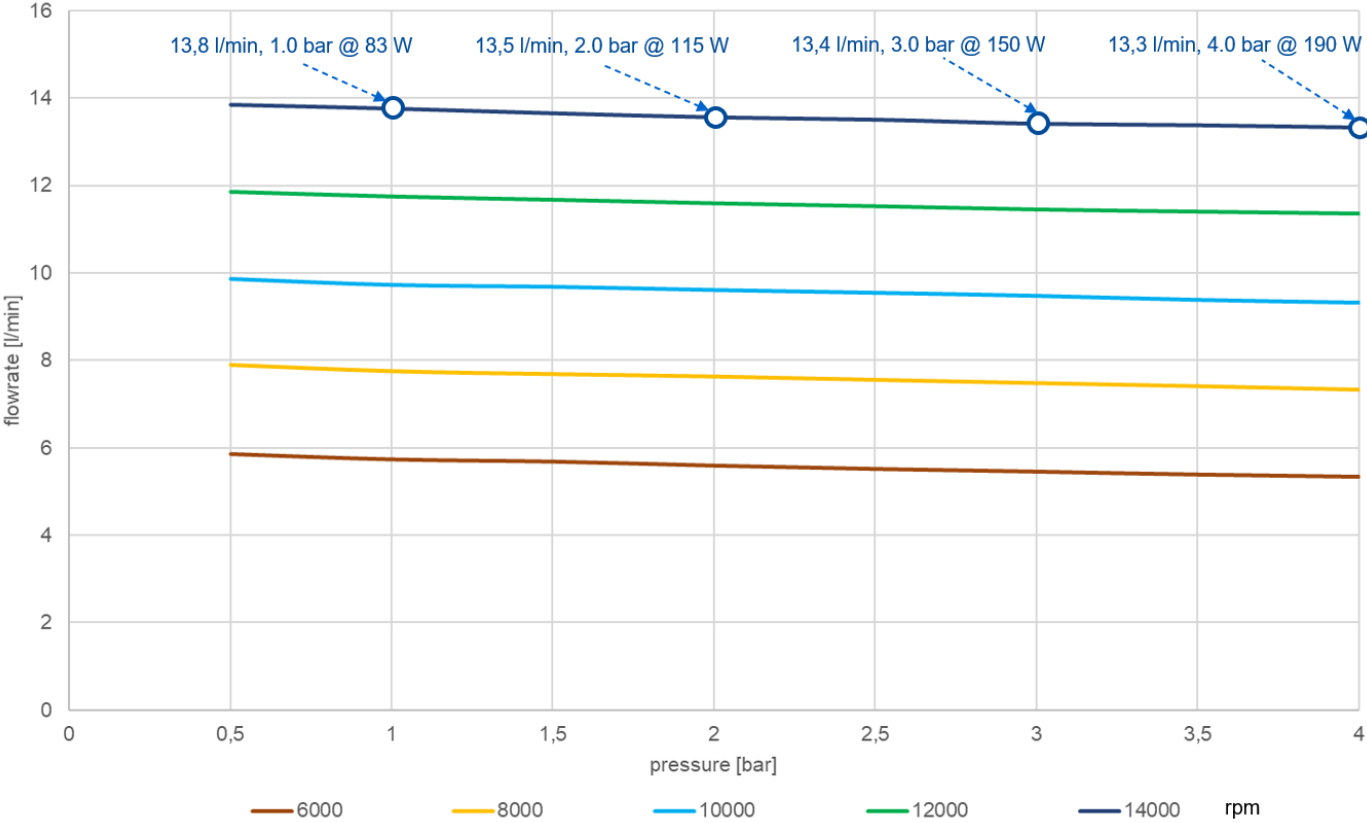
Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF

Software: To integrate our product into the CAN vehicle architecture, we automatically supply the DBC-file if required

Dimensions and Connections

- Length: 123 mm
- Width: 63 mm
- Height: 82 mm
- Hydraulic connections: -10 Wiggins tube connectors (other connections, e.g., JIC available)
- Electric connection: 8STA0 10-98 PN, on vehicle side 8STA6 10-98 SN
- Mounting: 4 M5 screws

Measurements – Operating Points



Medium: Shell Diala 55°C