

Centrifugal Pump IFC 3600-2.0

Article-No.: Z-P 2000 0300



Design	
Weight	765 g
Medium	Water/dielectric
Material Pump	Aluminum / Titanium
Motor control	Sensored or self-sensing
Hydraulic power	3.600 l/h at 2.0 bar
Voltage range	9-60 VDC
Motor	BLDC

Main Characteristics

- Electric powered high-performance pump with BLDC-motor and intelligent control electronics for water/KERS cooling circuits
- Coolant pump especially for electric powertrains or secondary circuits of combustion engines; Centrifugal pump principle to avoid metallic abrasion
- Power control: Depending on load status, processor temperature, and ambient/medium temperature
- Performance data at 50°C medium / 50°C ambient temperature: 3.600 l/h at 2.0 bar, 560 W
- Optimized for 40-60 l/min

Function

Pump: Centrifugal pump

Motor: BLDC external rotor

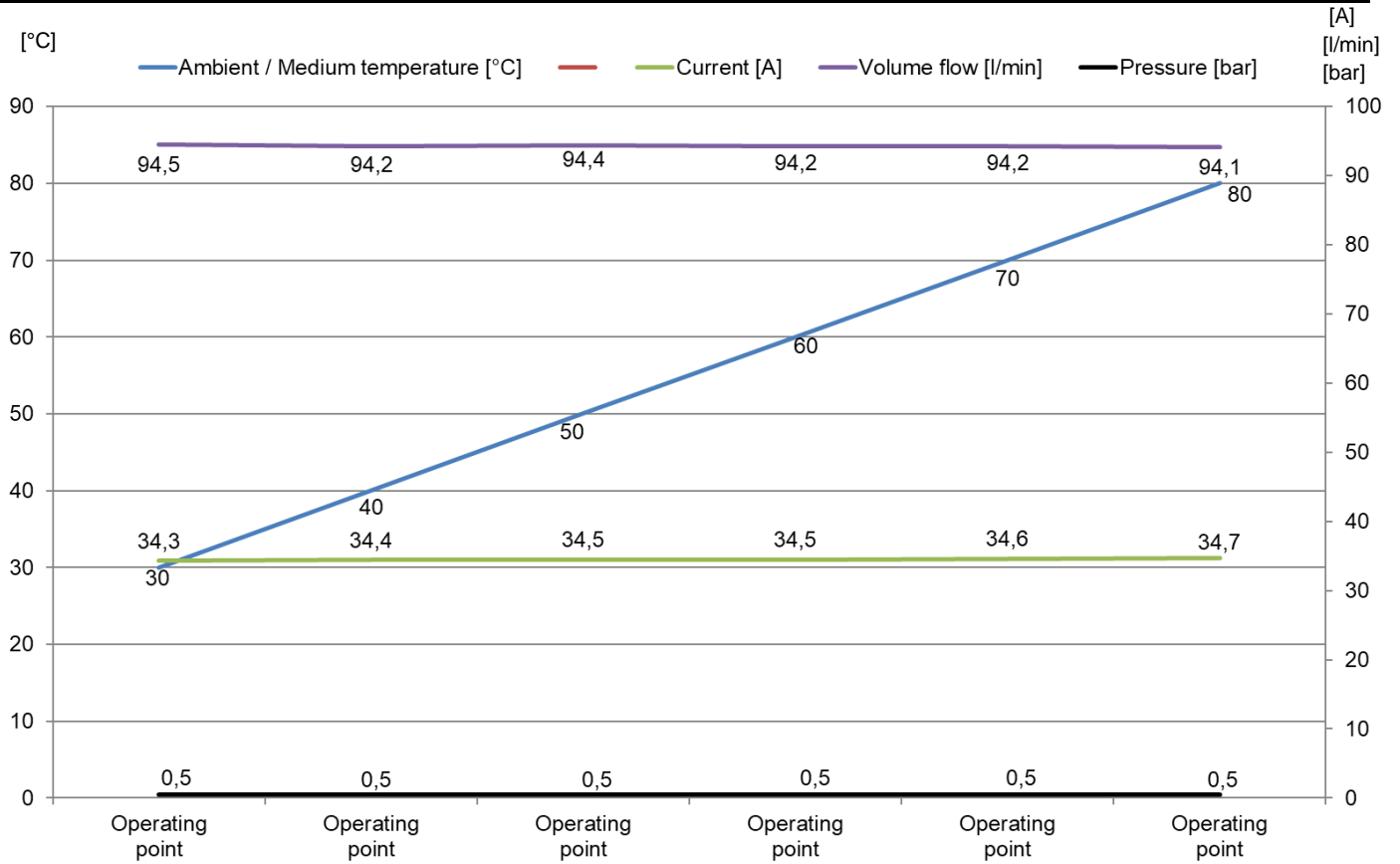
Control electronics: Customer-specific interfaces (CAN, LIN, UART, etc.) available, alternatively, ON/OFF, Sensored or self-sensing available

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

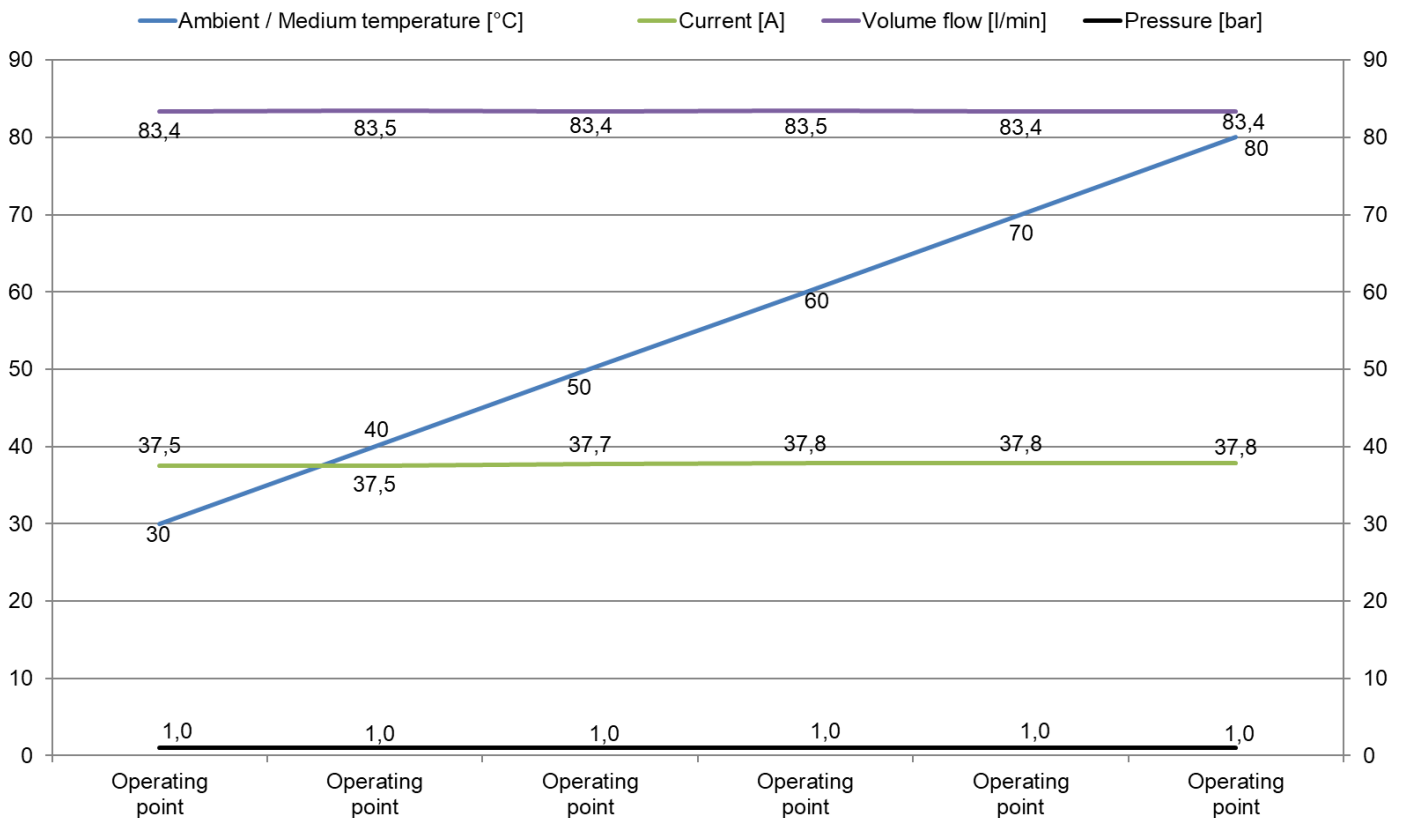
Connections

- Length:
 - 160 mm with plug
 - 143 mm without plug
- Width
 - 101 mm with fixation points
 - 75 mm without fixation points
- Height
 - 98 mm Max
 - 79,5 mm Min
- Hydraulic connections: -16 Wiggins tube connectors
- Electric connections: Souriau 8STA 0 12-26 PN, on vehicle side 8STA 6 12-26 SN
- Mounting: 4 screws M6

Measurements – Operating points

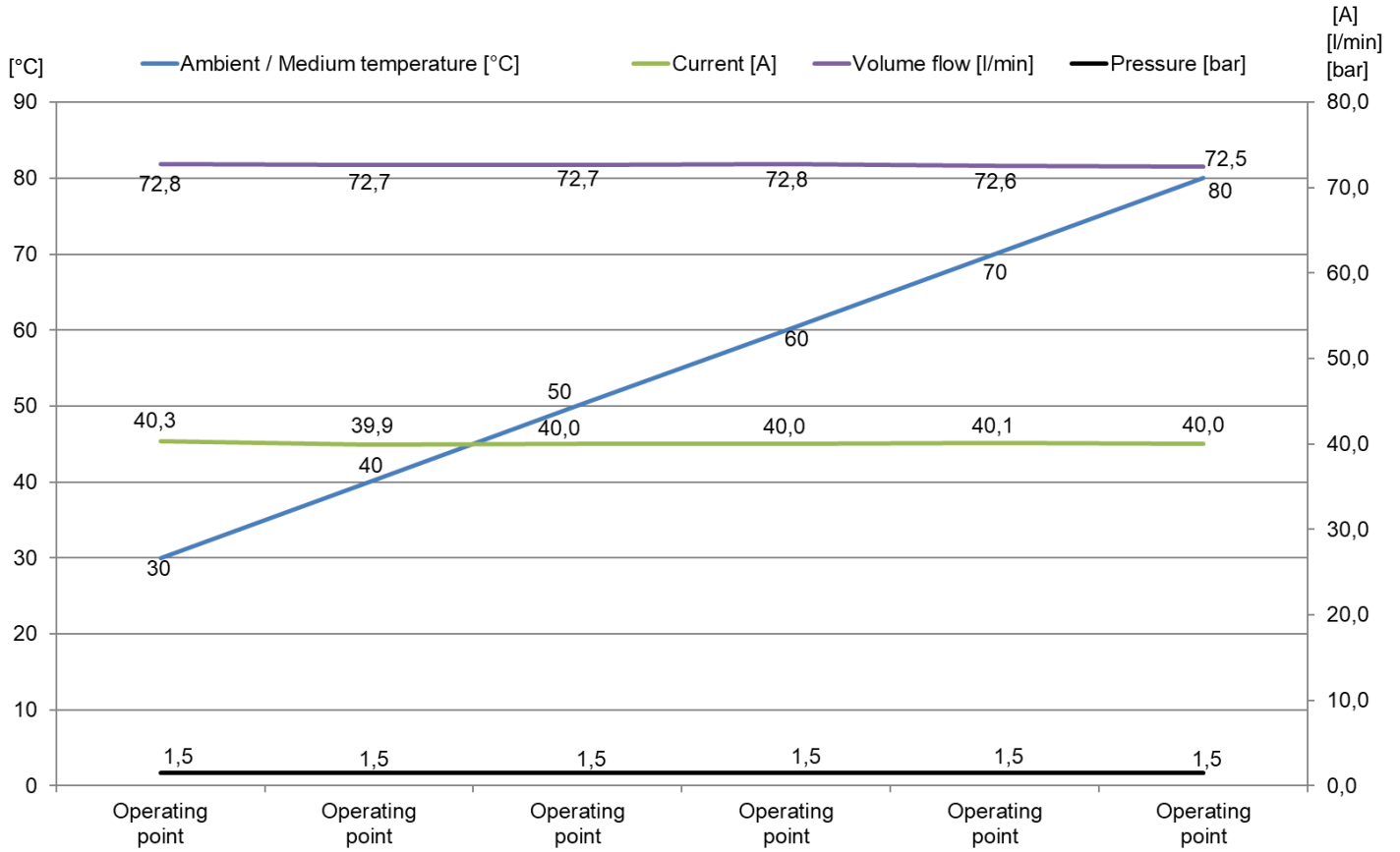


U = 13.5 V, 17.200 rpm

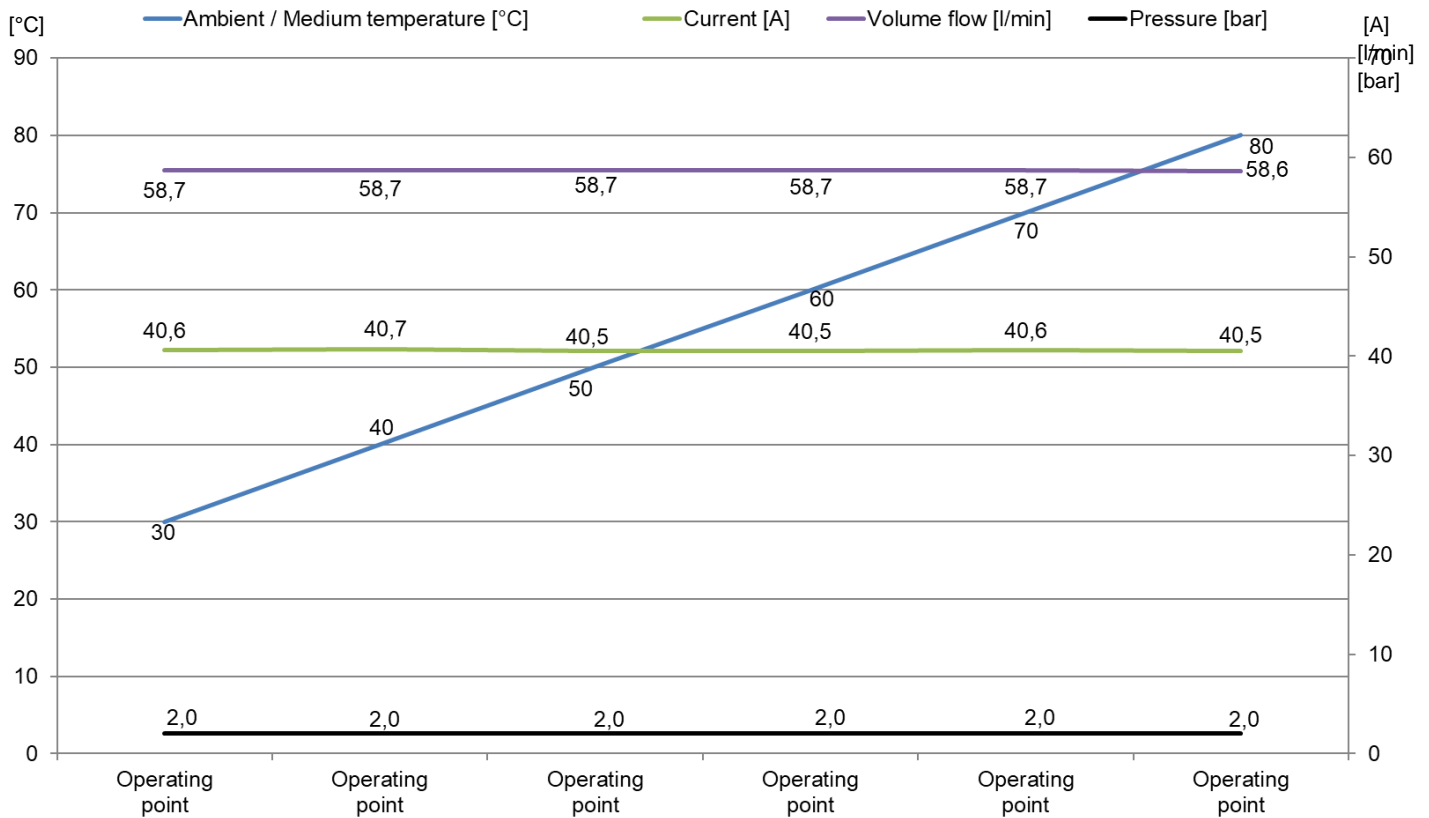


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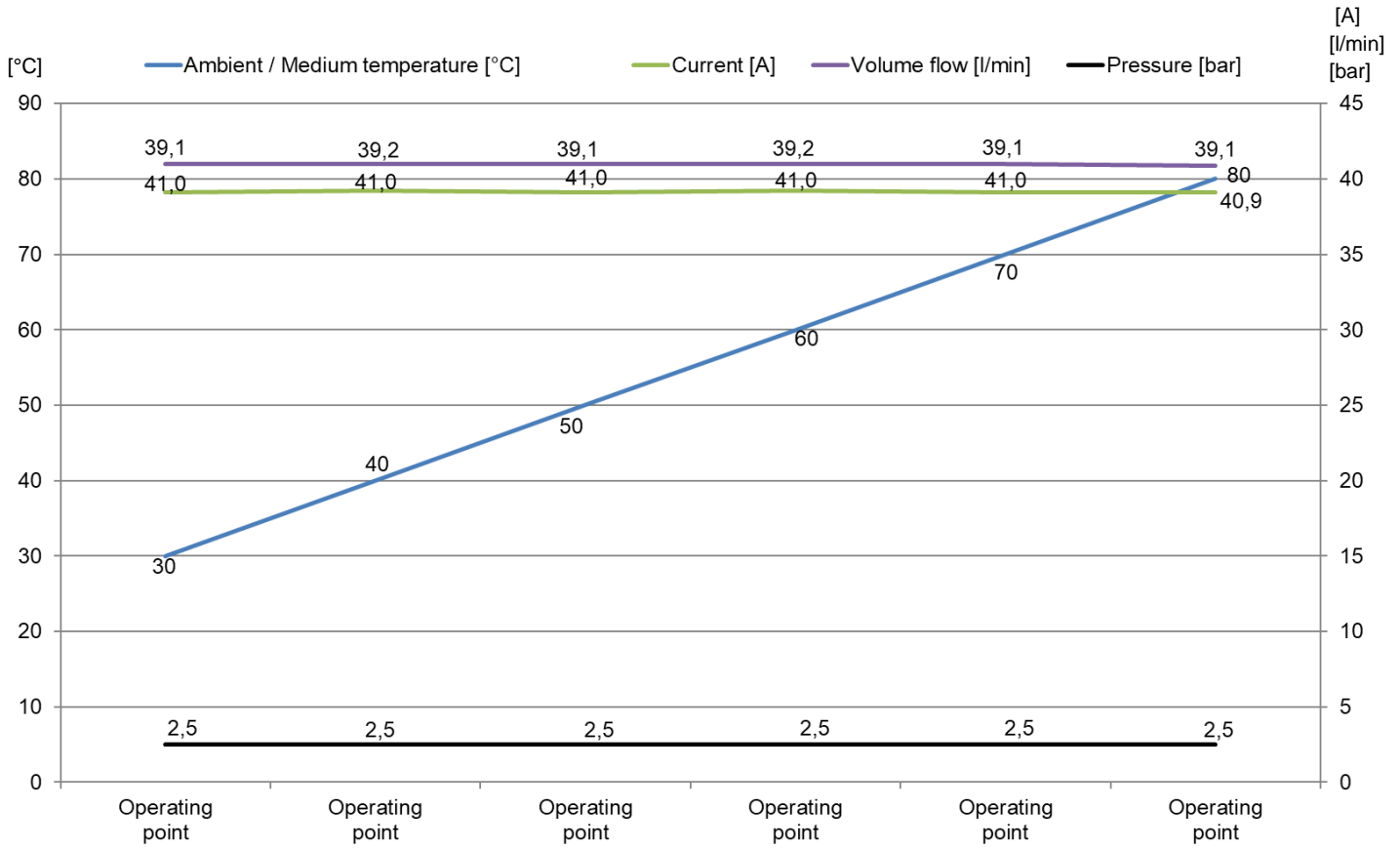


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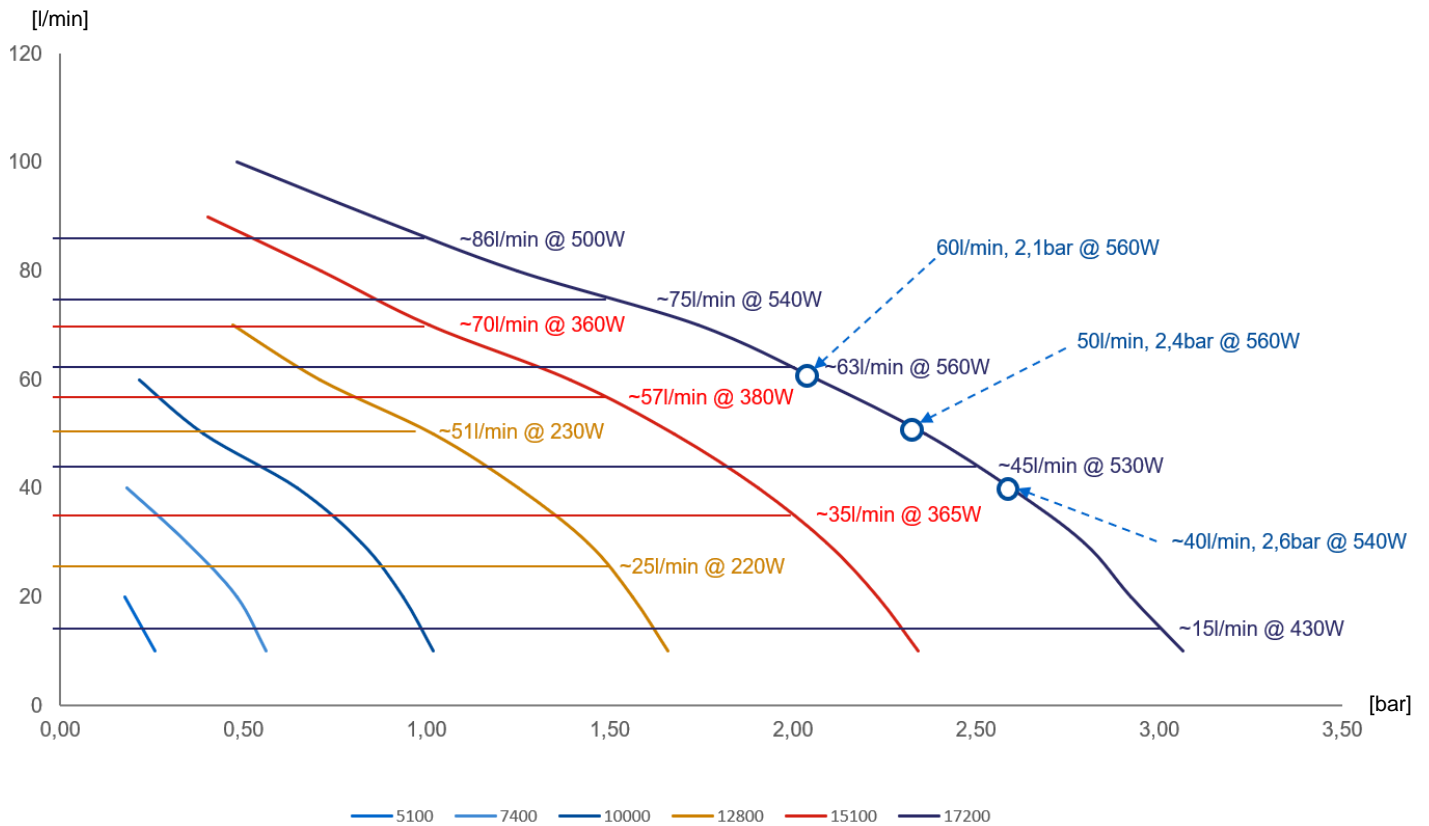


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