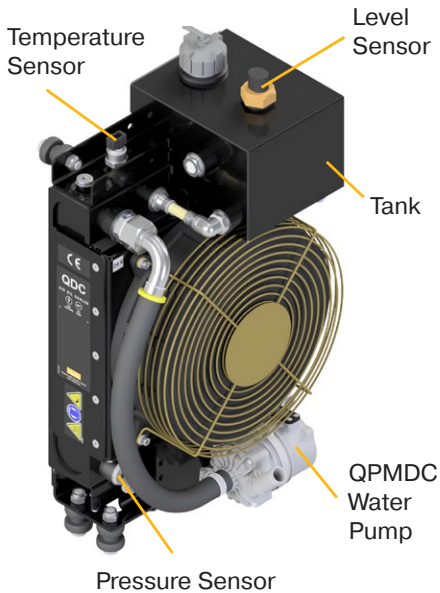


PARKER QDC 006 WATER-GLYCOL COOLING SYSTEM

for High-Power DC Charging



QDC 006 with subsystem
(P/N: 5847006550)



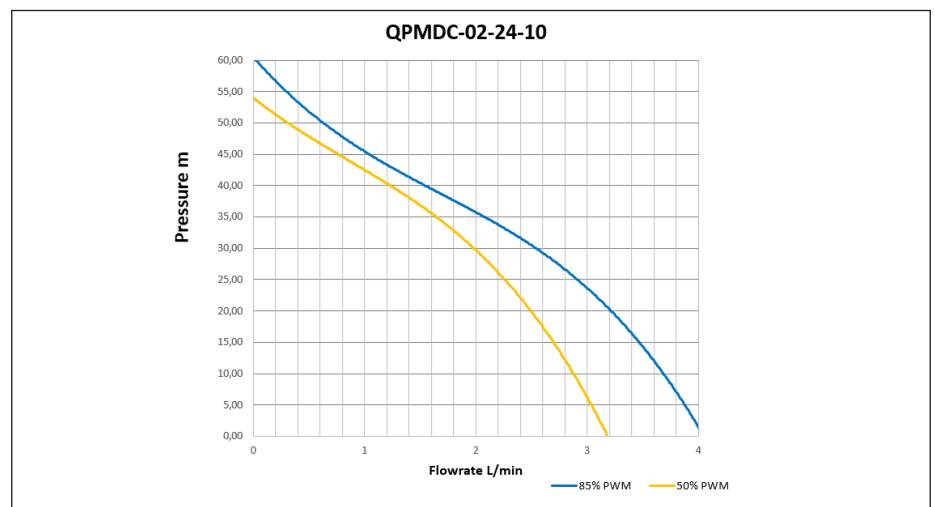
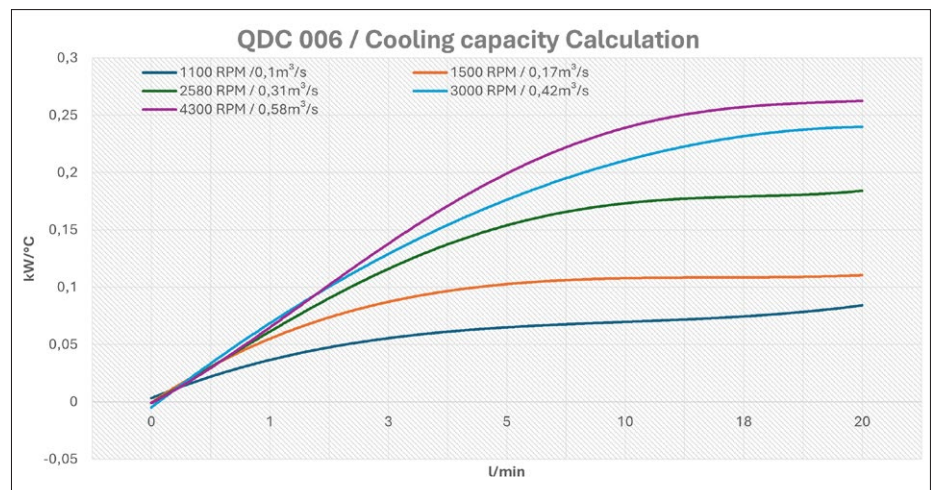
QPMDC 02-24-10

With the QPMDC 02-24-10, additional degrees of freedom in system design become possible – up to longer cables and potentially reduced conductor cross-sections at controlled temperature.

Whether HPC charging points, e-bus/e-truck depots, or high-performance DC charging systems: QDC 006 with subsystem provides reliable water-glycol cooling for the charging cable – compactly integrable, controllable, and designed for high cooling capacities. The fan and pump can be controlled via PWM signals.

The cooling system is a QDC 006 assembly from Parker (P/N: 5847006500), including a tank and QPMDC water pump. The system is monitored via a level sensor (CLS46), an IQAN-SP pressure sensor (P/N: 5020026) and an IQANST temperature sensor (P/N: 20073657). The controller is an IQAN-MC41 (P/N: 20085111).

With the QPMDC 02-24-10, additional degrees of freedom in system design become possible – up to longer cables and potentially reduced conductor cross-sections at controlled temperature.



Performance in the diagram based: medium temperature $25\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$, medium viscosity of 23 mPas, Voltage $U = 24 \pm 0,2\text{ VDC}$.

