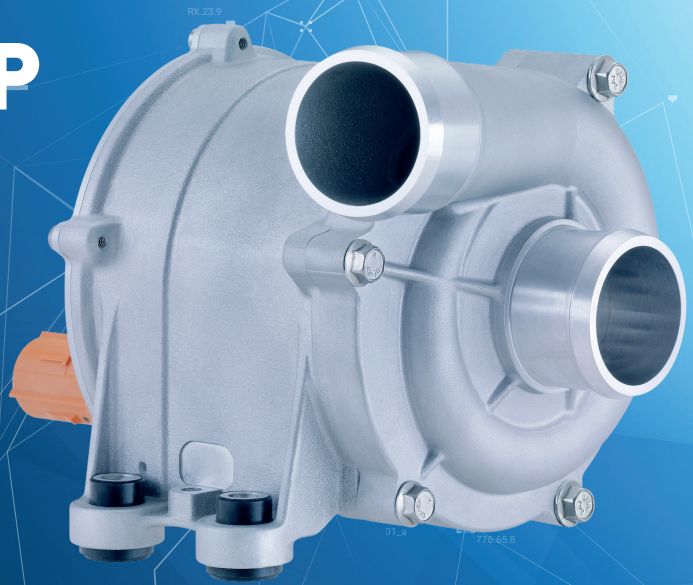


# HIGH VOLTAGE COOLANT PUMP



## HIGH VOLTAGE COOLANT PUMP

Rheinmetall's electric coolant pump (CWA 2000) is crafted to meet high flow requirements with a robust design that ensures a long lifetime. It stands up very well to the rigors of fuel cell coolants and deionized water, making it a versatile solution for diverse cooling needs.

At its core, the pump benefits from design principles derived from high volume series technology, which translates into reliable performance and proven durability for our customers.

This blend of advanced technology and sturdy construction results in a coolant pump that delivers consistent, efficient cooling without sacrificing quality or longevity.

### BENEFITS

- No dynamic seals used – no aging, high lifetime
- No external leakage to ambient and electronics – high degree of safety for voltage network, e-motor and inverter
- Materials ready for non-conductive fluids (fuel cell, battery electronics)
- Active or passive HVIL
- Based on HV3b voltage level
- Isolation and dielectric strength: ISO6469-3
- Integrated inverter – extremely low EMC level

### TECHNICAL DATA

Operating voltage	850V
Coolant temperature	-40°C ... +90°C
Flow	250 lpm
Pressure	2.5 bar
Current consumption	2.5 A
Ingress protection	IP6K9K

### RHEINMETALL POWER SYSTEMS DIVISION

Within Rheinmetall the Power Systems Division is a system provider for high-quality and innovative (mobility) solutions, control technologies and digital applications for the automotive and energy industries, among others.

With its Business Units and Business Areas, the Division stands for outstanding expertise in the following areas: air management, thermal management, e-mobility and digitalization, hydrogen technology, metallic plain bearings, composite materials and lightweight construction. The Power Systems Division also represents Rheinmetall's global after-market activities through the Trade Business Unit.

### CONTACT

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