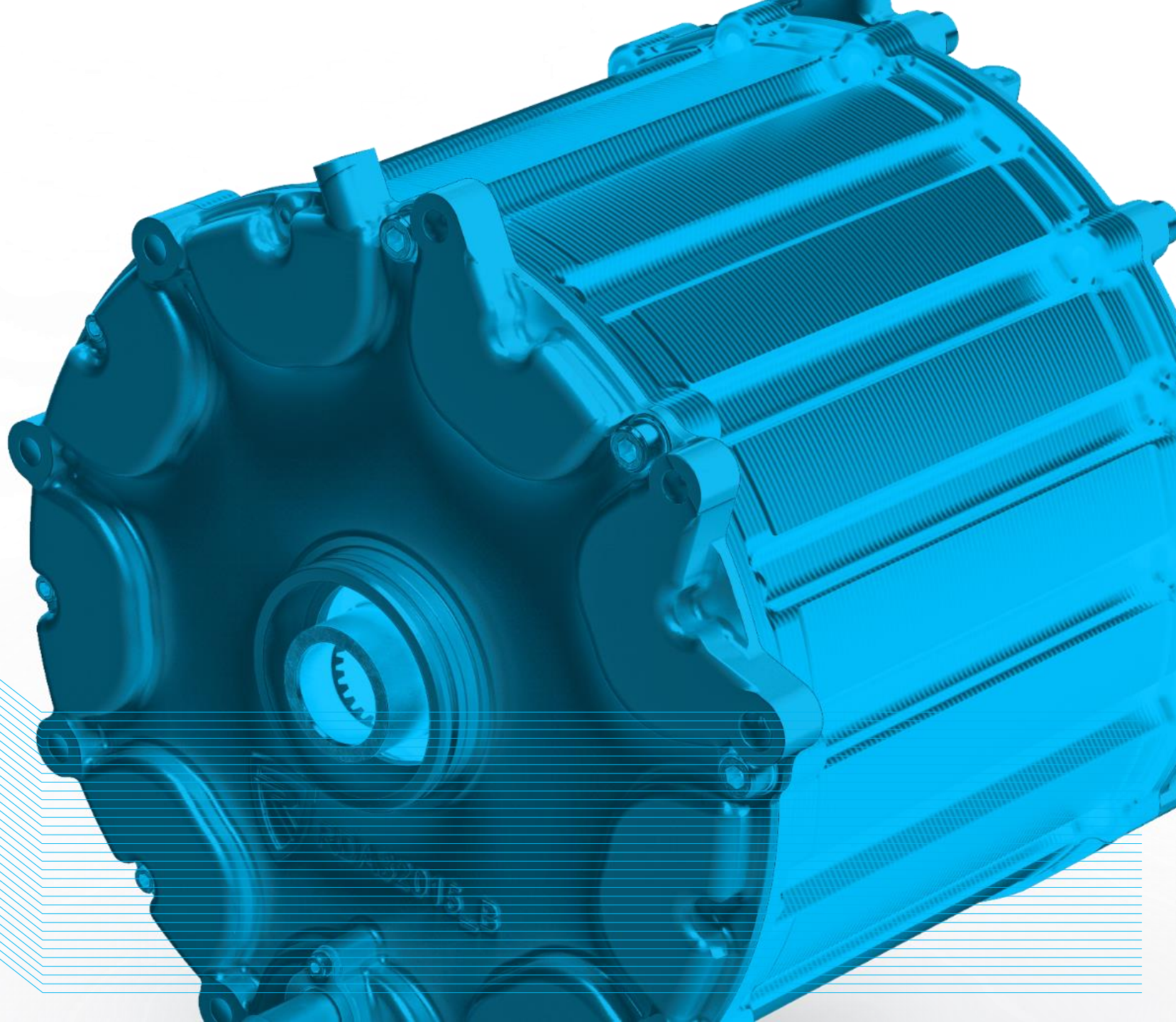




SPM_900



A REVOLUTIONARY PROPULSION SYSTEM WITH EXTREME POWER AND TORQUE OUTPUT IN A COMPACT, LOW WEIGHT PACKAGE.

Our exceptionally powerful motors push the boundaries of what's possible in the field of power density, delivery and torque output. Beyond that, they are all built to be scalable - providing a flexible solution in a wide range of applications.

Our SPM motors are based around a "core" of technologies which we work to develop and prove. Significant R&D processes are undergone internally to create new technology that eventually add up to the CTB (Core Technology Bespoke) motor offerings, but the next generation technology can be applied to a customer project to deliver ultimate power density, high steady state power, high switching frequency, and much more.



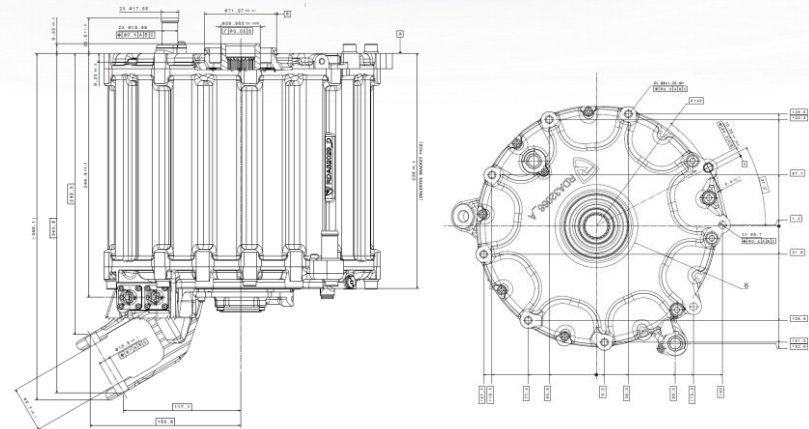
COMPATIBILITY



GBX_700



INV_1000



SPM_900

The SPM_900 motor provides maximized magnetic performance derived from extensive computer modelling of the magnetic flux to optimize magnet positioning, motor/generator power density, and minimize weight and rotational inertia. This all comes together to give out 450kW of power and 900Nm of torque per motor.

MOTOR TYPE	PMSM
NOMINAL SYSTEM VOLTAGE LEVEL	800V
MAXIMUM CURRENT	1000Arms
CONTINUOUS POWER	355kW
COOLANT FLOW	15l/min
MAXIMUM EFFICIENCY	> 97%

POWER

450kW

TOURQUE

900Nm

MAX. RPM

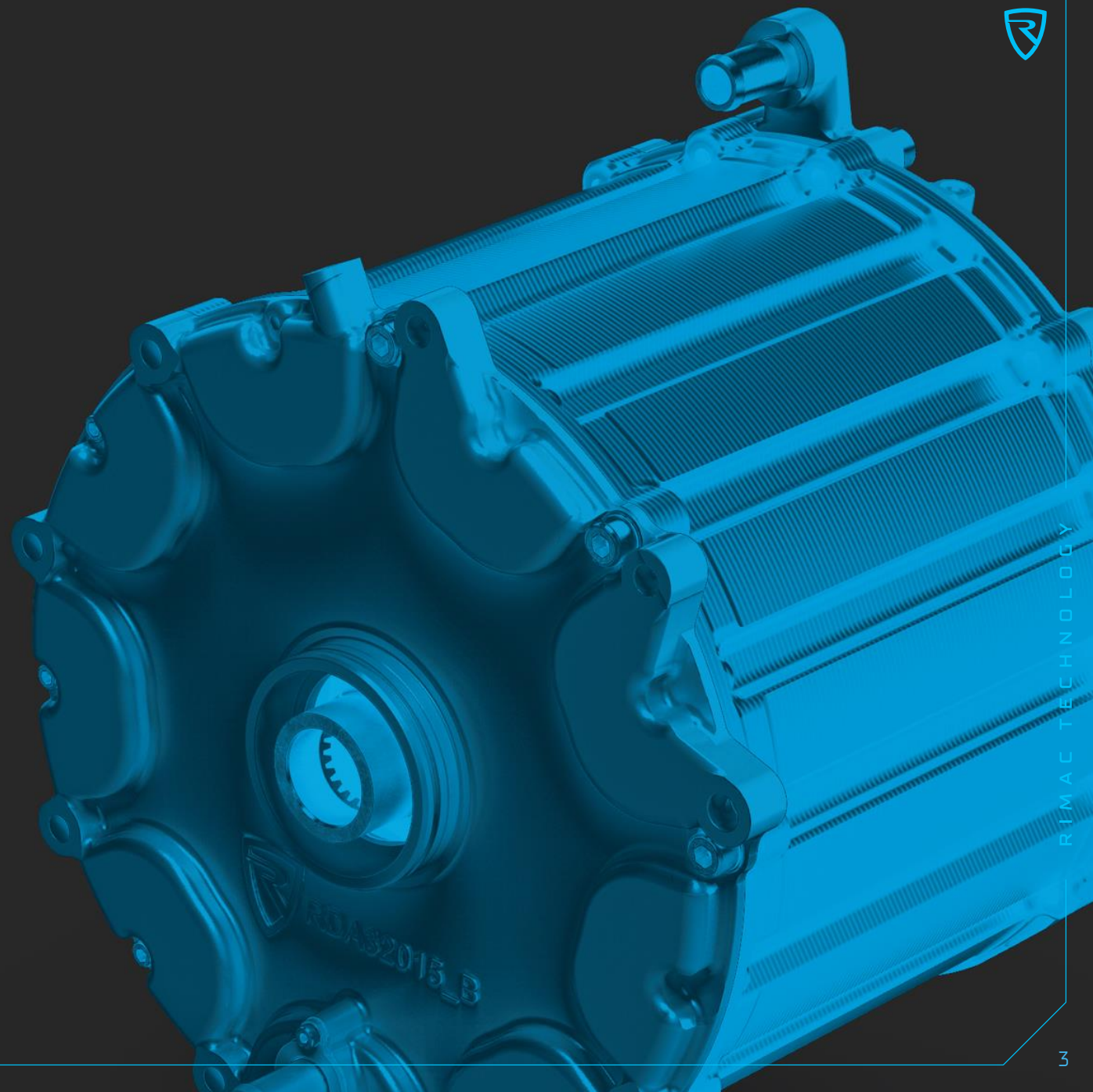
17 700

VOLTAGE

800V

WEIGHT

48kg



RIMAC TECHNOLOGY

