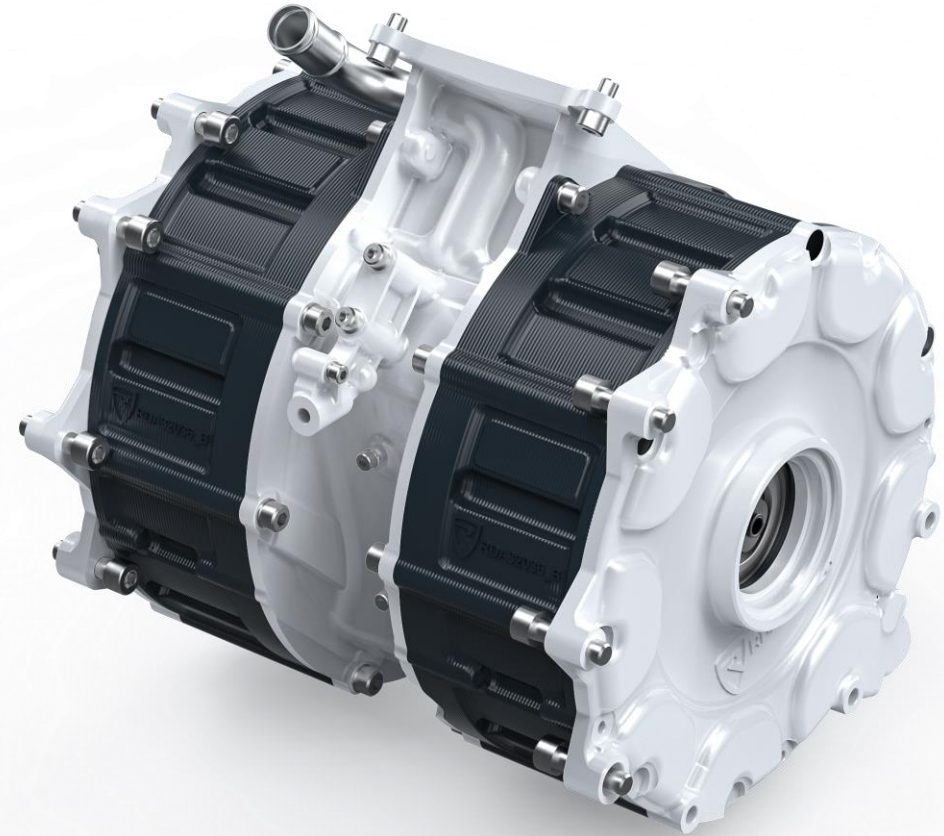


# SPM\_280

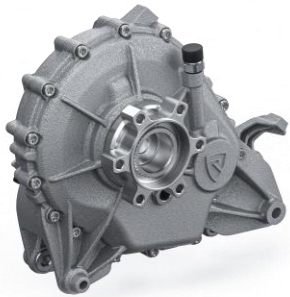
# A REVOLUTIONARY PROPULSION SYSTEM WITH EXTREME POWER AND TORQUE OUTPUT IN A COMPACT, LOW WEIGHT PACKAGE.

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.



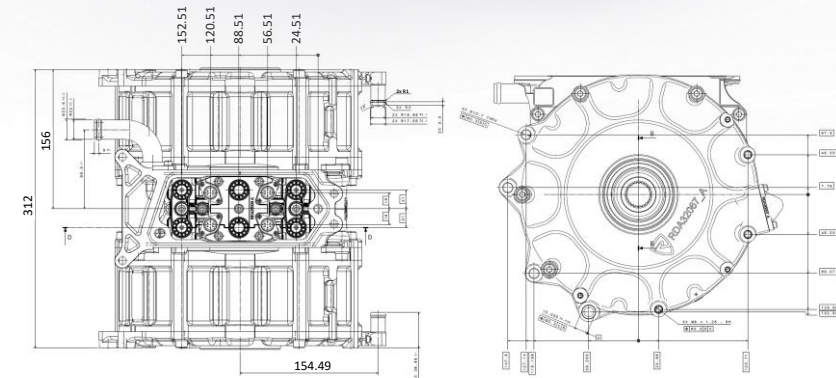
## COMPATIBILITY



GBX\_280



INV\_450



## SPM\_280

The SPM\_280 is a version of our SPM motors, which are based around a "core" of technologies that have been developed and proven in certain applications, with the same fundamental electromagnetics being present in every motor that Rimac designs. In this case, this fundamental technology brings an output of 220kW of power and 280Nm of torque.

MOTOR TYPE	PMSM
NOMINAL SYSTEM VOLTAGE LEVEL	800V
MAXIMUM CURRENT	450Arms
CONTINUOUS POWER	180kW
COOLANT FLOW	10l/min
MAXIMUM EFFICIENCY	> 97%

POWER

220kW

TOURQUE

280Nm

MAX. RPM

17 200

VOLTAGE

800V

WEIGHT

21kg

