

70 kW ELECTRIC PROPULSION SYSTEM

LSA, ULTRALIGHTS, GLIDERS, BOATS

70 kW
max continuous power

400 v
max voltage

300 Nm
max torque

4 000 RPM
max revolution per minute

CONTROLLER HBC400400-3 SPECIFICATIONS



max continuous power¹ **100 kW**



voltage **100-400 V**



max continuous current¹ **400 A**



peak current **560 A**



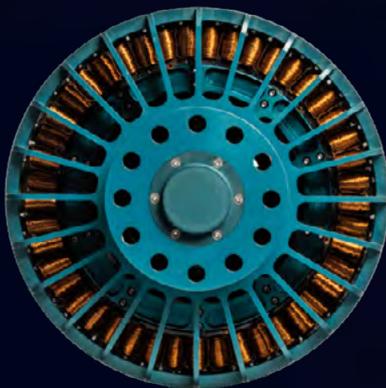
cooling¹ **air/fluid**



monitoring **complex data monitoring**



MOTOR REB90 SPECIFICATIONS



torque **300 Nm**



max power¹ **80 kW**



rpm² **4 000**



max continuous power¹ **60-70 kW**



diameter **270 mm**



voltage **400-800 V**



motor sensors **sensored/sensorless**



cooling **air/hybrid (fluid/air)**

Note: all the values are valid for environments of 25°C (please see the manual)

¹depends on voltage and rpm

²rpm out of this range needs to be discussed with MGM COMPRO

REB90 and HBC400400-3 is a great combination of a high-performance controller and high power motor. This unit is great for wide scale of applications like gliders, ultralights, light sport airplanes, two-seaters as well as drones, multirotor applications and marine projects. Very high torque and low rpm possibility of the motor predetermines its successful use in demanding projects like airships.



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