



# 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 power<sup>1</sup>

**100 kW**



voltage

**100-400 V**



max continuous current<sup>1</sup>

**400 A**



peak current

**560 A**



cooling<sup>1</sup>

**air/fluid**



monitoring

**complex data monitoring**



## MOTOR REB90 SPECIFICATIONS



torque

**300 Nm**



rpm<sup>2</sup>

**4 000**



diameter

**270 mm**



motor sensors

**sensored/  
sensorless**



max power<sup>1</sup>

**80 kW**



max continuous power<sup>1</sup>

**60-70 kW**



voltage

**400-800 V**



cooling

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

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

<sup>1</sup>depends on voltage and rpm

<sup>2</sup>rpm 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.

**AIRBUS**  
GROUP

**XTI**  
AIRCRAFT



**Bell** Helicopter



[mgm-compro.com](http://mgm-compro.com)