



# 17 kW ELECTRIC PROPULSION SYSTEM

PARAMOTORS, MULTIROTORS, DRONES, GLIDERS

**17 kW**

max continuous power

**120 V**

max voltage

**70 Nm**

max torque

**6 000 RPM**

max revolution per minute

## CONTROLLER HBC280120-3 SPECIFICATIONS



max continuous power<sup>1</sup>

**33 kW**



voltage

**16-120 V**



max continuous current<sup>1</sup>

**280 A**



peak current

**400 A**



cooling<sup>1</sup>

**air/fluid**



monitoring

**complex data monitoring**



## MOTOR REX30 SPECIFICATIONS



torque

**70 Nm**



max power<sup>1</sup>

**25 kW**



rpm<sup>2</sup>

**6 000**



max continuous power<sup>1</sup>

**15-17 kW**



diameter

**216 mm**



voltage

**63-800 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)

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

<sup>2</sup>rpm out of this range needs to be discussed with MGM COMPRO

REX30 and HBC280120-3EI is a great combination of a high-performance controller with one of the most versatile electric motors in our portfolio. The great range of rpm offers a wide utility in various applications. Our customers use this combination successfully in aviation projects such as multi-rotor drones, firefighter drones, small gliders, paramotors as well as electric trikes. It finds use in industrial applications such as oil/water pumps and many others.

**AIRBUS**  
GROUP

**XTI**  
AIRCRAFT



**GALACTIC**

**Bell** Helicopter



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