

30 kW ELECTRIC PROPULSION SYSTEM

DRONES, URBAN MOBILITY (E-VTOLS), MULTIROTORS, TRIKES

30 kW

max continuous power

400 v

max voltage

150 Nm

max torque

4 000 RPM

max revolution per minute

CONTROLLER HBC 400400-3 SPECIFICATIONS



max continuous power¹

100 kW



voltage

100-400 V



max continuous current¹

400 A



peak current

560 A



cooling¹

air/fluid

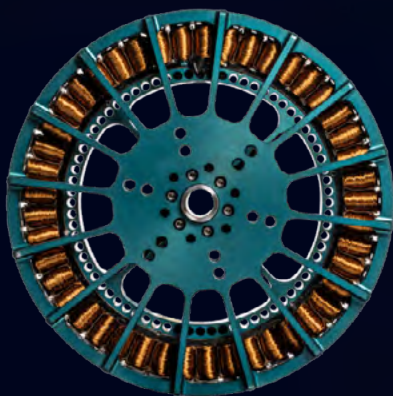


monitoring

complex data monitoring



MOTOR REB30 SPECIFICATIONS



torque

150 Nm



rpm²

4 000



diameter

267 mm



motor sensors

**sensored/
sensorless**



max power¹

40 kW



max continuous power¹

25-30 kW



voltage

63-800 V



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

REB30 and HBC400400-3 is the MGM COMPRO flagship propulsion system unit that consists of the high-performance controller and one of the most variable electric motors with extremely high efficiency and power in our portfolio. It finds great use in aviation, marine, and ground vehicle projects – especially in manned/unmanned e-VTOLs (urban mobility/air taxis) and heavy payload lifting drones, where low weight combined with great power and torque is crucial. This propulsion system unit can be also used in race/acrobatic paramotors, trikes, and many other applications.

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GROUP

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