

High RPM Drive

Efficient BLDC drive with integrated control

an winding technology with high power density
integrated BLDC motor with LIN communication

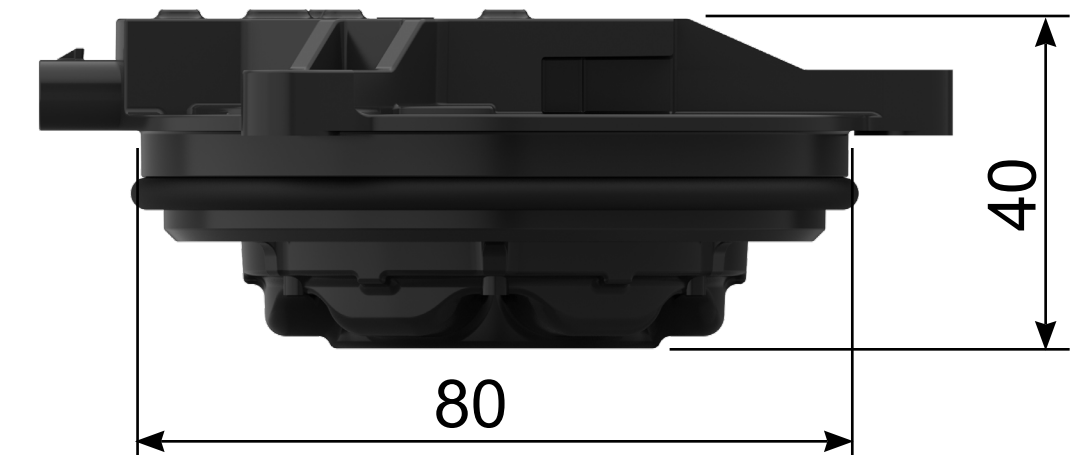
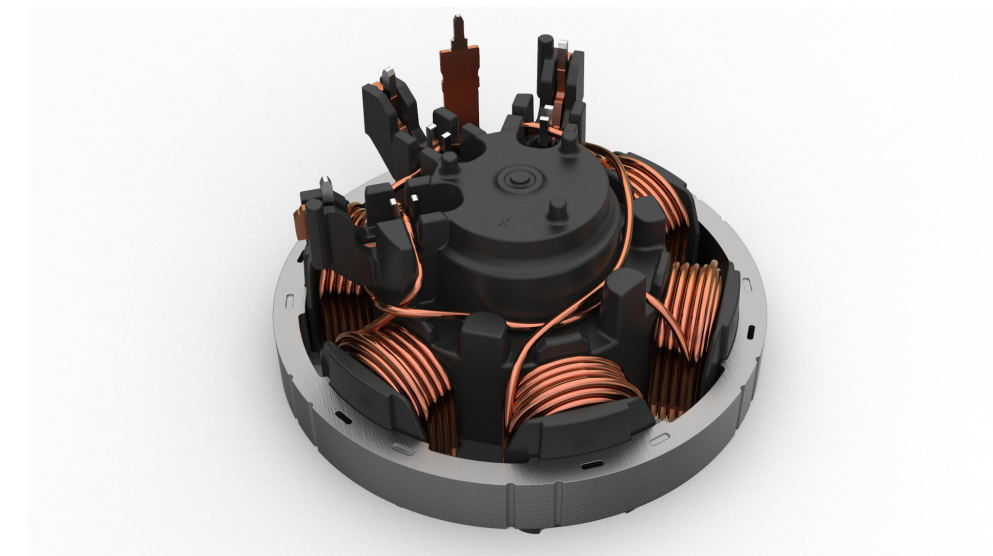
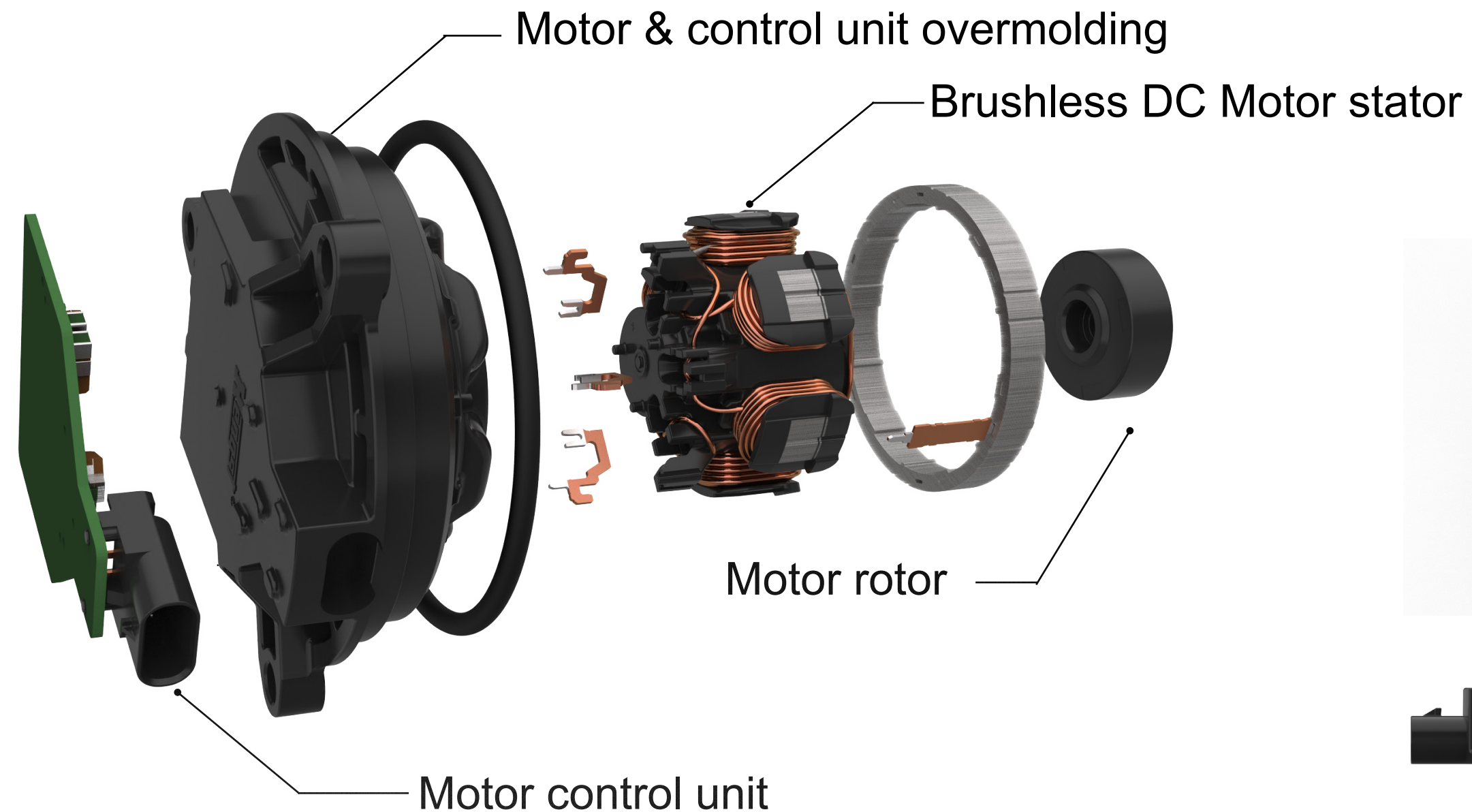
gas&media tight electronics

innovative sealing technology of electrical components



High RPM Drive

KOLEKTOR



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Specifications

Input voltage	9,5 - 16 VDC
Control mode	FOC / Sensorless
Temperature range	-40°C / 130°C
Nominal speed	12000 / 16000 RPM (Speed range 2000-16000 RPM)
Efficiency	> 75% / > 80 %
Torque	19 Nmm / 35 Nmm @ 80°C
ECU Interface	LIN (Control & Diagnostics)
Protection	Gas & fluid tight protection of electronic components
Development standards	IATF 16949, ISO 26262 & Automotive Spice (Level 2)

Features & Benefits

High Efficiency Brushless DC Technology

Integrated Control Module

Variable Speed Control

High operational life (8000 h)

Motor and Controller Completely Overmolded

Durable, Accurate and Low Noise Solution

Problem Solved

More Stringent Emission Regulation