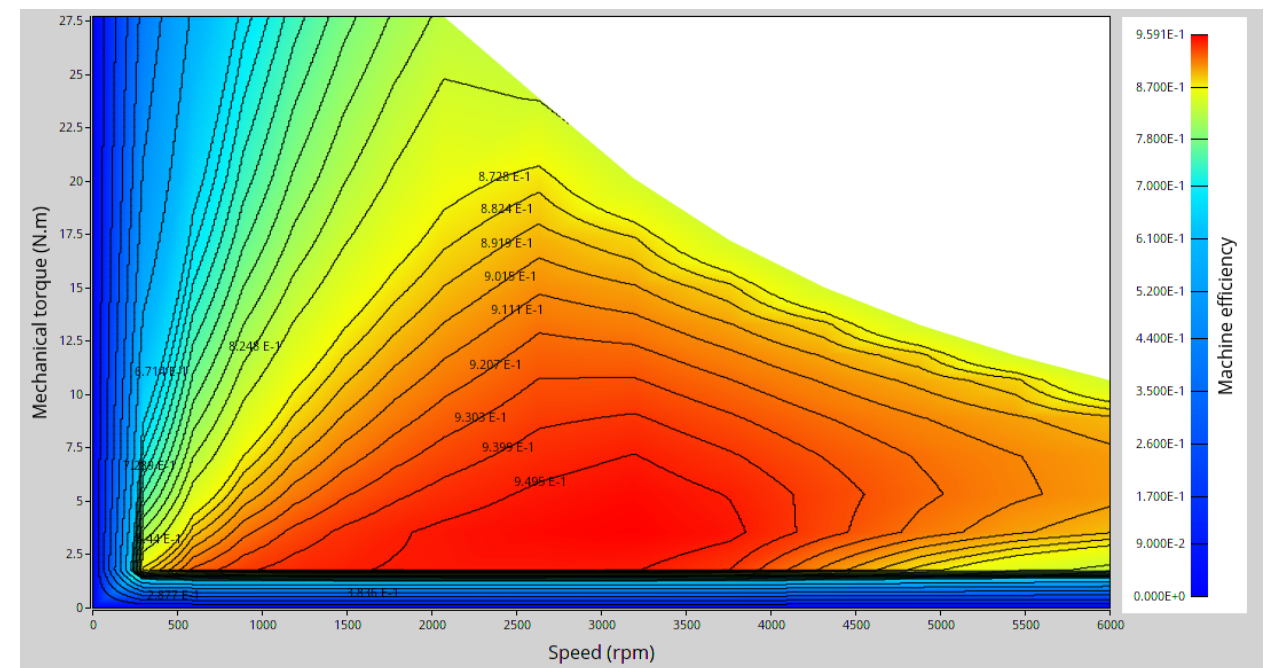
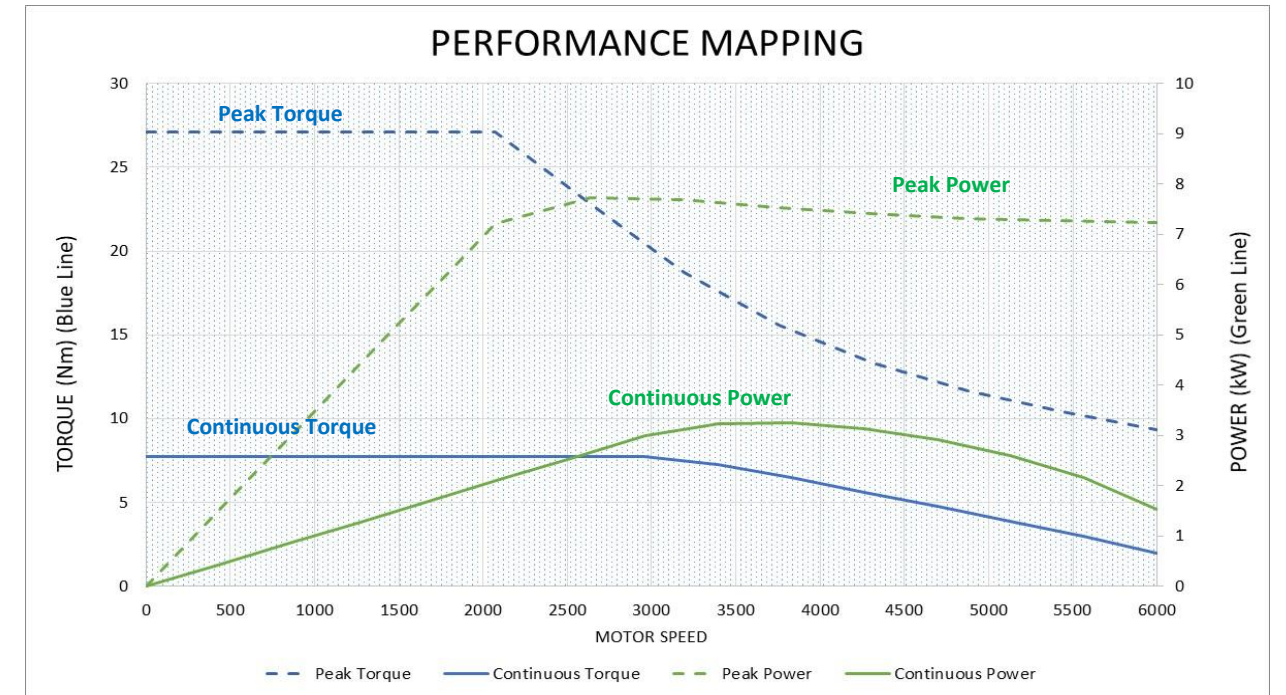


## LA7 MOTOR SPECIFICATIONS

Parameter	Specification
Type of Motor	Internal PMSM
Diameter $\Phi$ / Length [mm]	150 mm / 156 mm
Weight [kg] [Approximate]	9 kg
Continuous Motor Power (from 2,000 Motor RPM) [kW]	3 kW
Peak Motor Power (for few seconds) (at 2,000 RPM) [kW]	7 kW
Continuous Motor Torque [Nm]	7.5 Nm
Peak Motor Torque (for few seconds) [Nm]	27 Nm
Motor Maximum Rotation Speed [RPM]	6,000 RPM
Motor Efficiency [%]	Up to 96%
Maximum Battery Voltage required to operate motor (Vdc)[Volts]	60 V
Continuous Motor Current [A-RMS]	45 A-rms
Maximum Motor Current (Few seconds) [A-RMS]	145 A-rms
Phase Wire connection	Star type
Temperature Sensor used in Motor	PT100
Speed sensor used in Motor	2 Pole Resolver
Ingress Protection Rating	IP67
Cooling type	Air Cooled



\* Note: Graphs above are based on simulation data. The torque and power ratings are based on typical operating conditions as noted on the performance graphs. There are several variables that may change the motor performance, including coolant flow rate, operating temperature, ambient conditions, inverter settings and parameters, etc. For actual performance, the motor must be evaluated in its final system and application. All specifications are subject to change.