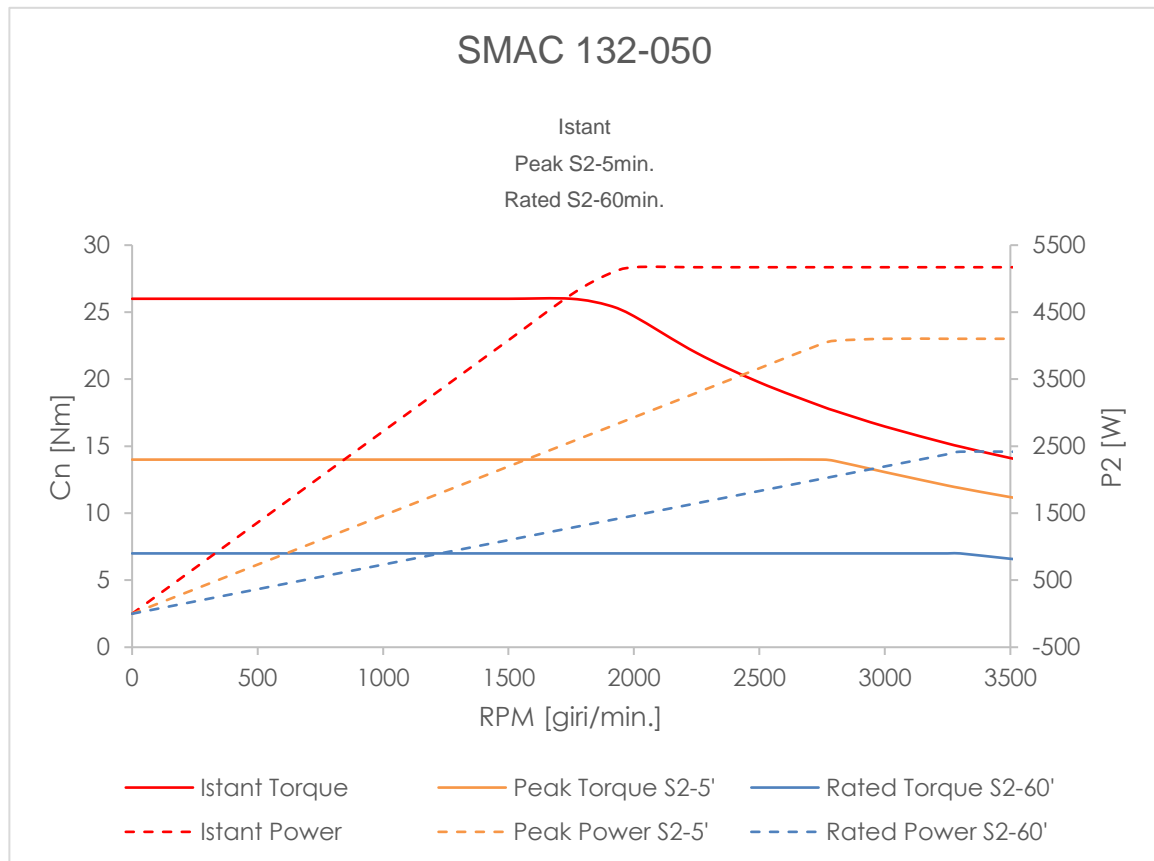
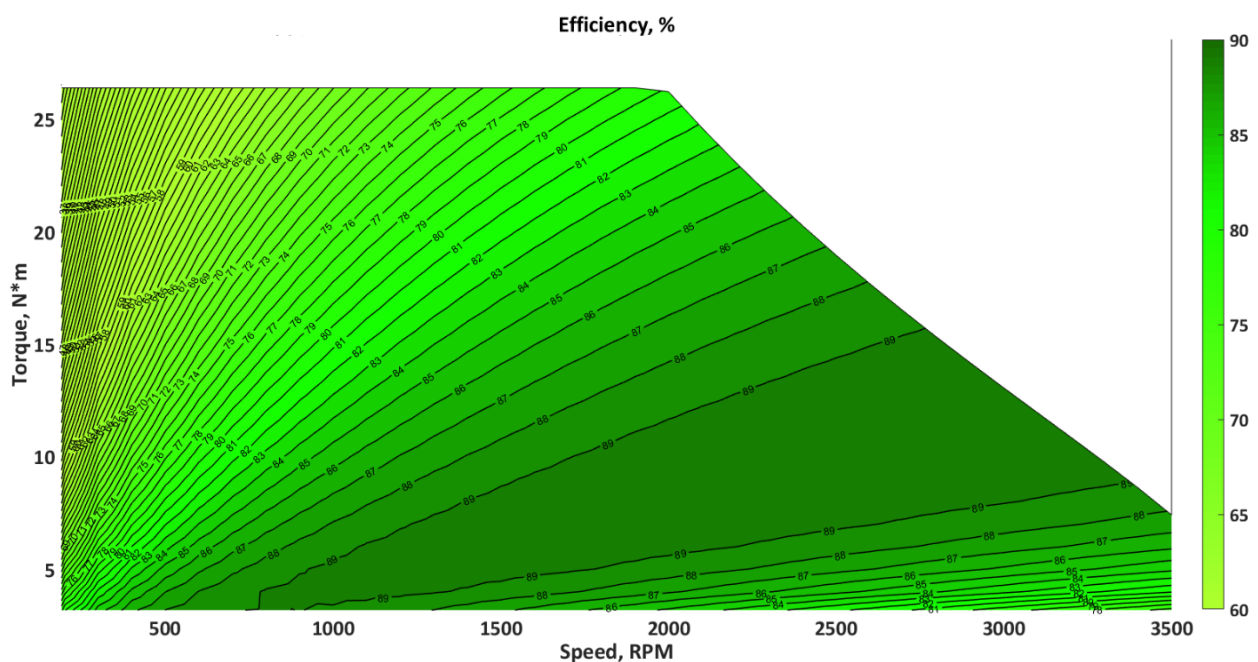


Motor Rated Power			2200W	
Inverter Power Supply			24Vdc	
Description	Symbol	Unit		
Duty	-	-	S2-60min	
Nominal Speed	n_n	rpm	3000	
Frequency (N° poles)	$f (2p)$	Hz	250 (10)	
No load maximum speed	n_{MAX}	rpm	3500	
Costant Voltage	K_e	Vrms/Krpm	4.3	
Costant Torque	K_t	Nm/Arms	0.07	
Instant Torque	T_{inst}	Nm	21.0	
Instant Current	I_{inst}	Arms	400	
Peak Torque S2-5min.	T_{peak}	Nm	14.0	
Peak Current S2-5min.	I_{peak}	Arms	200	
Nominal Torque S2-60min.	T_n	Nm	7.0	
Nominal Current S2-60min.	I_n	Arms	100	
Rotor Inertia	J_r	kg x m ²	0.007	
Ambient Temperature	θ_a	°C	-15 ÷ +40	
Protection Degree	IP		IP 54	up to IP67
Insulation Class	-	-	F	
Thermal protection	-	-	KTY 84-130	
Motor Weight	M	kg	10	

Speed-Torque & Speed Power Motor Curves

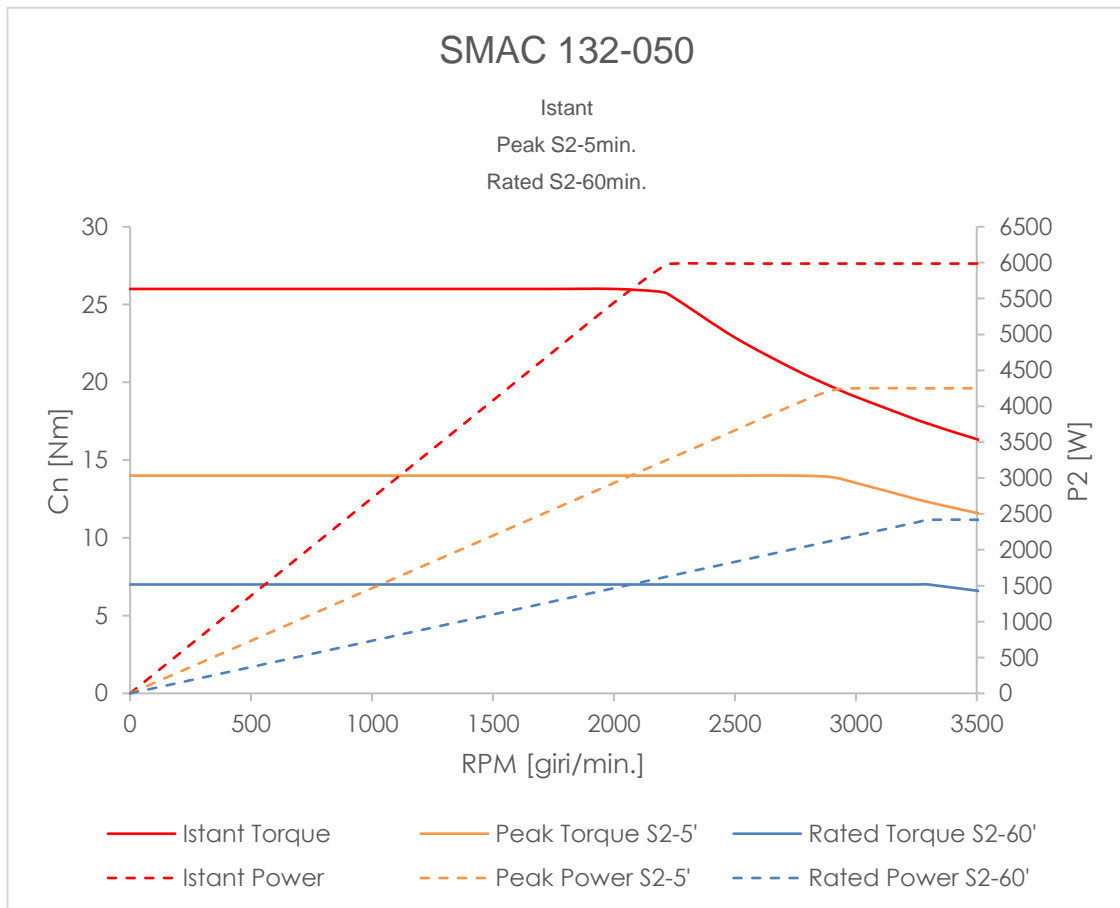


Efficiency Map



Motor Rated Power			2200W	
Inverter Power Supply			48Vdc	
Description	Symbol	Unit		
Duty	-	-	S2-60min	
Nominal Speed	n_n	rpm	3000	
Frequency (N° poles)	$f (2p)$	Hz	250 (10)	
No load maximum speed	n_{MAX}	rpm	3500	
Costant Voltage	K_e	Vrms/Krpm	8.3	
Costant Torque	K_t	Nm/Arms	0.14	
Instant Torque	T_{inst}	Nm	26.0	
Instant Current	I_{inst}	Arms	190	
Peak Torque S2-5min.	T_{peak}	Nm	14.0	
Peak Current S2-5min.	I_{peak}	Arms	105	
Nominal Torque S2-60min.	T_n	Nm	7.0	
Nominal Current S2-60min.	I_n	Arms	51	
Rotor Inertia	J_r	kg x m ²	0.007	
Ambient Temperature	θ_a	°C	-15 ÷ +40	
Protection Degree	IP		IP 54	up to IP67
Insulation Class	-	-	F	
Thermal protection	-	-	KTY 84-130	
Motor Weight	M	kg	10	

Speed-Torque & Speed Power Motor Curves



Efficiency Map

