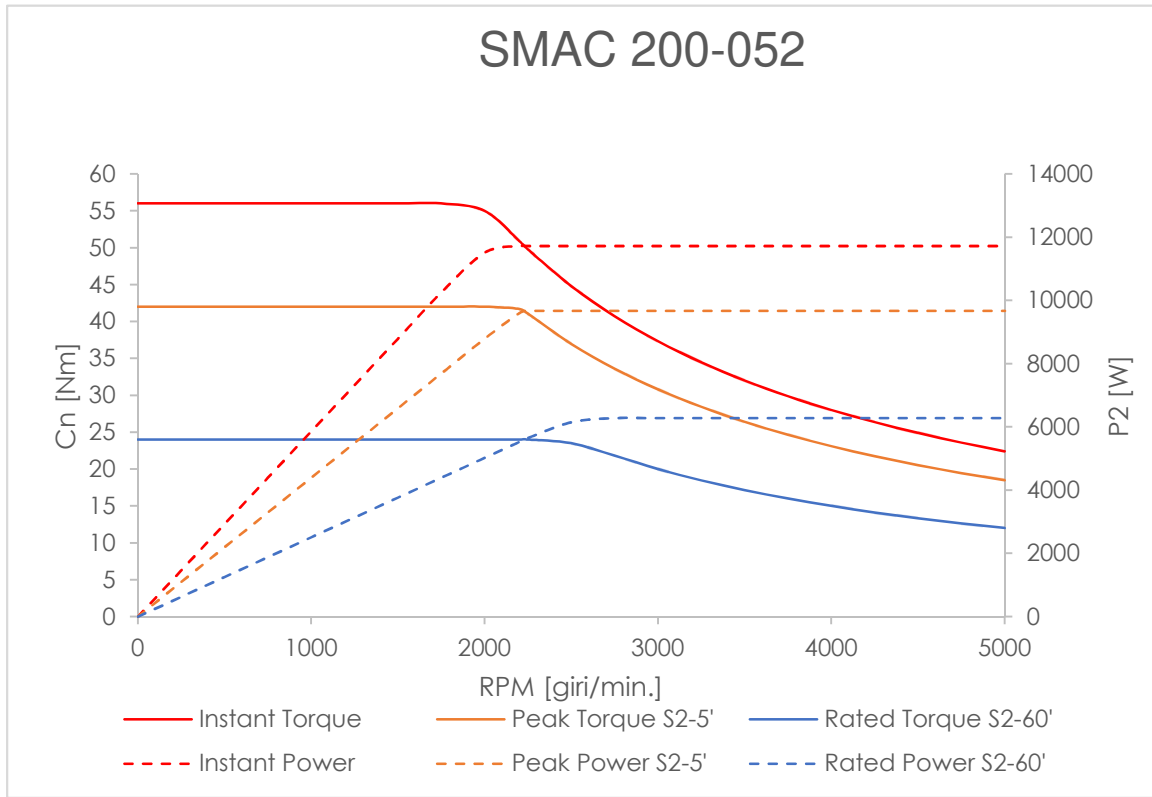


Motor Rated Power			6300W
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Inverter Power Supply			80Vdc
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Description	Symbol	Unit	
Duty	-	-	S2-60min
Nominal Speed	n_n	rpm	2500
Frequency (N° poles)	$f (2p)$	Hz	166.6 (8)
Constant Voltage	K_e	Vrms/Krpm	19.6
Constant Torque	K_t	Nm/Arms	0.300
Instant Torque	T_{inst}	Nm	56.0
Instant Current	I_{inst}	Arms	240
Peak Torque S2-5min.	T_{peak}	Nm	42.0
Peak Current S2-5min.	I_{peak}	Arms	160
Nominal Torque S2-60min.	T_n	Nm	24.0
Nominal Current S2-60min.	I_n	Arms	80
Rotor Inertia	J_r	kg x m ²	0.009
Ambient Temperature	θ_a	°C	-15 ÷ +40
Protection Degree	IP		IP 54 up to IP67
Insulation Class	-	-	F
Thermal protection	-	-	KTY 84-130
Cooling system			Air

Speed-Torque & Speed Power Motor Curves



Efficiency Map

