

Motor Rated Power			16500W	
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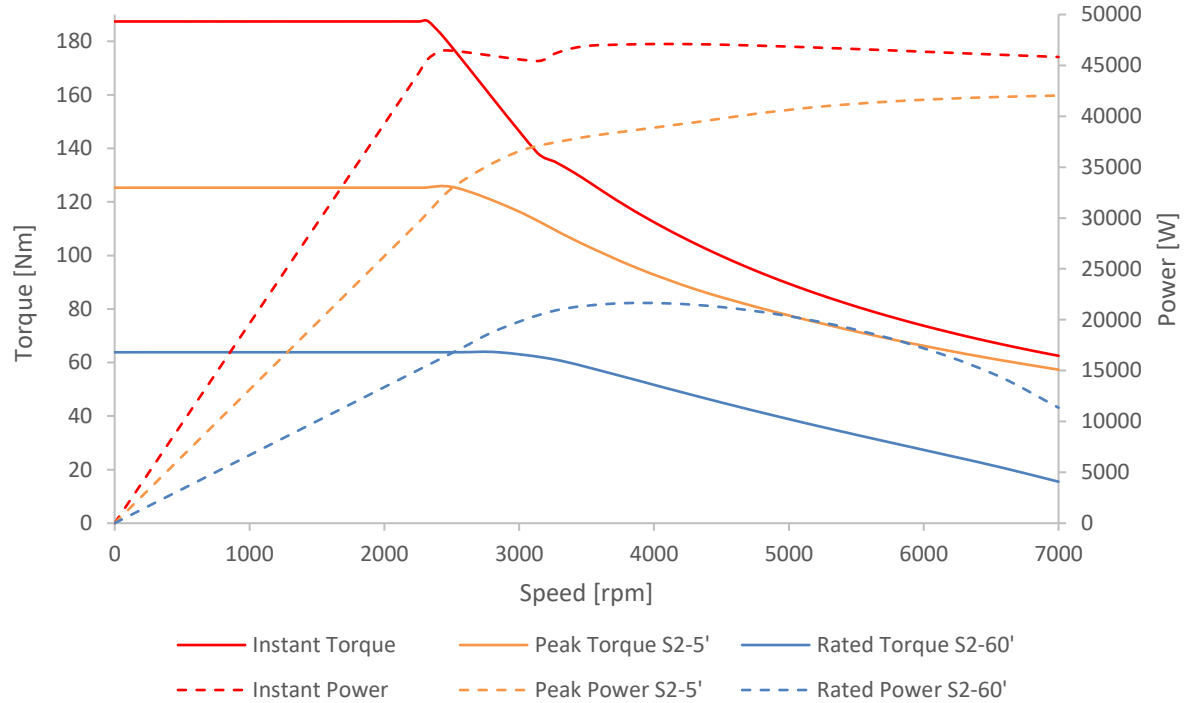
Inverter Power Supply			96Vdc	
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Description	Symbol	Unit		
Duty	-	-	S2-60min	
Nominal Speed	n_n	rpm	2500	
Frequency (N° poles)	$f (2p)$	Hz	166.66 (8)	
Costant Voltage	K_e	Vrms/Krpm	20.0	
Costant Torque	K_t	Nm/Arms	0.33	
Instant Torque	T_i	Nm	185.0	
Instant Current	I_i	Arms	660.0	
Peak Torque	T_p	Nm	125.0	
Peak Current	I_p	Arms	380.0	
Rated Torque	T_r	Nm	64.0	
Rated Current	I_r	Arms	190.0	
Rotor Inertia	J_r	kg x m ²	0.015	
Ambient Temperature	θ_a	°C	-15 ÷ +40	
Protection Degree	IP		IP 54	up to IP67
Insulation Class	-	-	F	
Thermal protection	-	-	KTY 84-130	

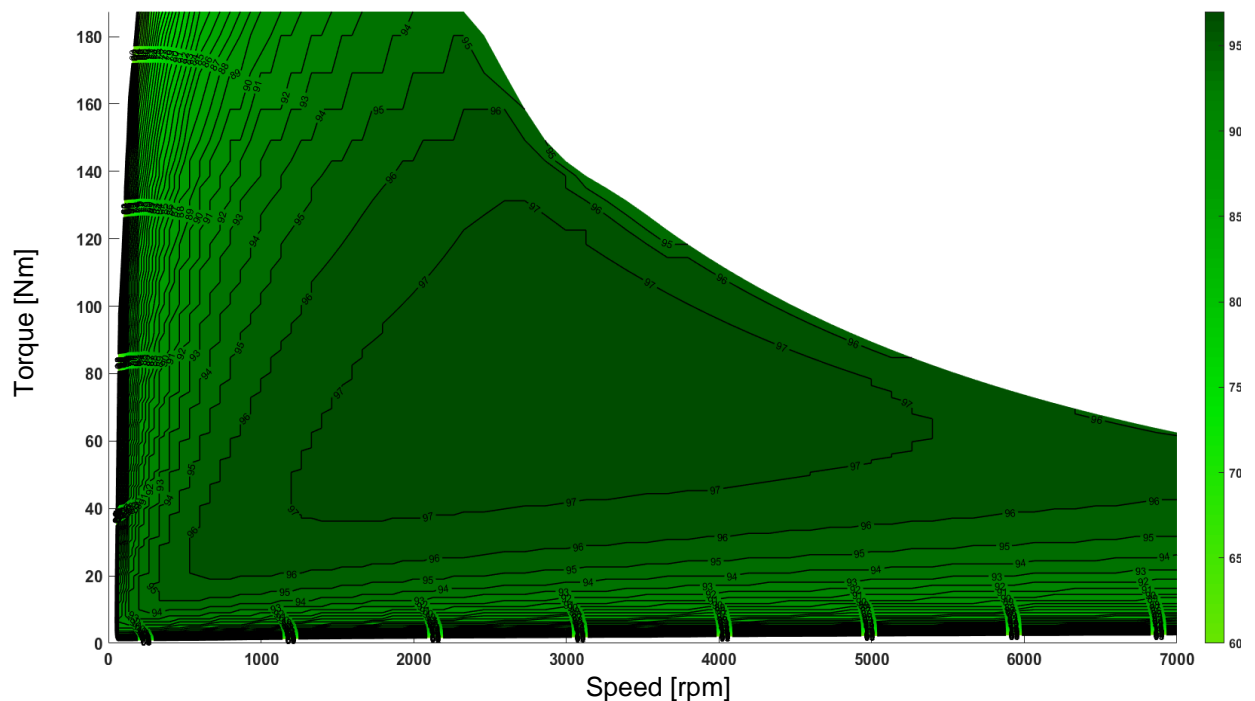
PRELIMINARY

Speed-Torque & Speed Power Motor Curves (*)

SMAC 200-157



Efficiency Map % (*)



* MTPA / MTPV Field Weakening strategy control & Optimized Advance Angle