

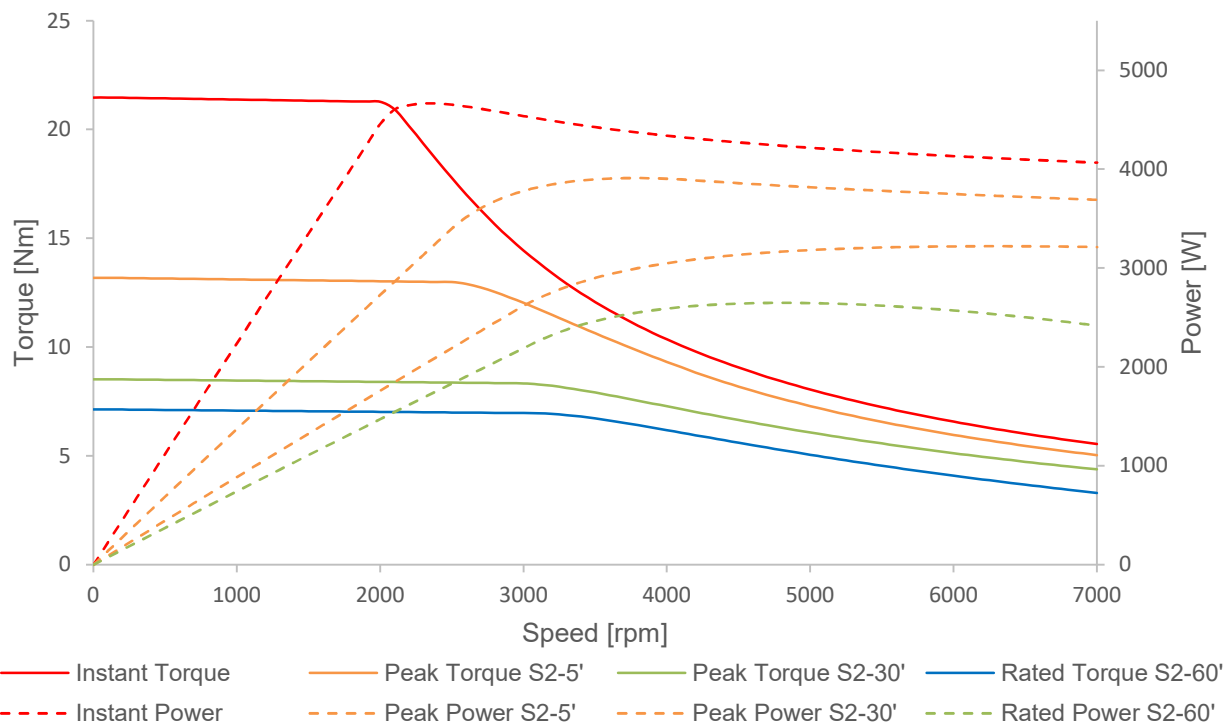
Motor Rated Power	2200W
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Inverter Power Supply	24Vdc
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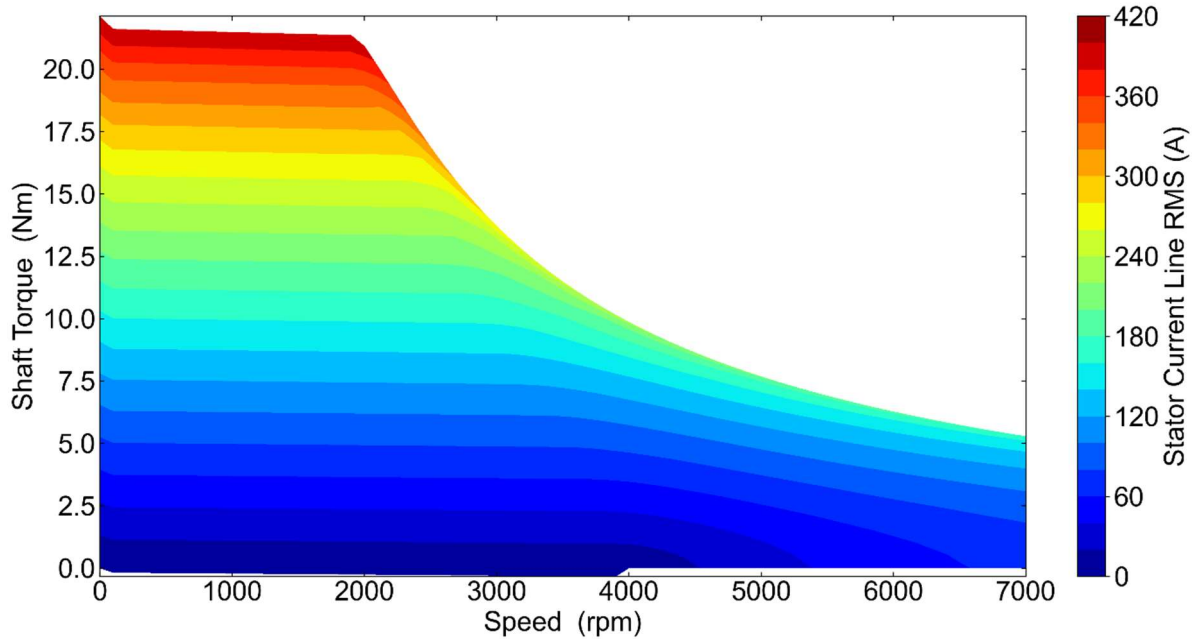
Description	Symbol	Unit		
Duty	-	-	S2-60'	
Nominal Speed	n_n	rpm	3000	
Frequency (N° poles)	$f (2p)$	Hz	200.0 (8)	
Voltage Constant	K_e	Vrms/Krpm	4.2	
Instant Torque	T_i	Nm	21.0	
Instant Current	I_i	Arms	400.0	
Peak Torque	T_p	Nm	13.5	S2-5'
Peak Current	I_p	Arms	205.0	S2-5'
Peak Torque	T_r	Nm	9.0	S2-30'
Peak Current	I_r	Arms	130.0	S2-30'
Rated Torque	T_r	Nm	7.0	S2-60'
Rated Current	I_r	Arms	105.0	S2-60'
Internal Connection Type	-	-	DELTA	
Short Circuit Current	I_{sc}	Arms	164.0	
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	-	-	PTY 84-130	Alternative to KTY 84-130

Speed-Torque & Speed Power Motor Curves (*)

SMAC 132-050



Current Map [Arms] (*)



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

Efficiency Map % (*)

