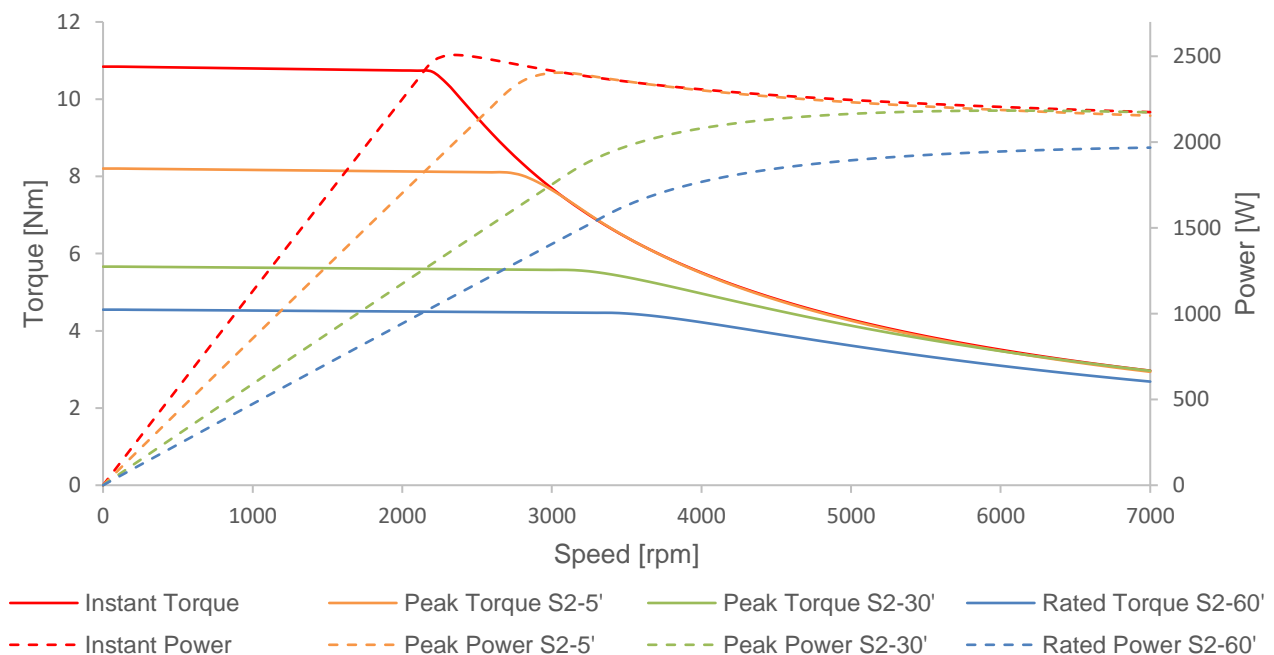


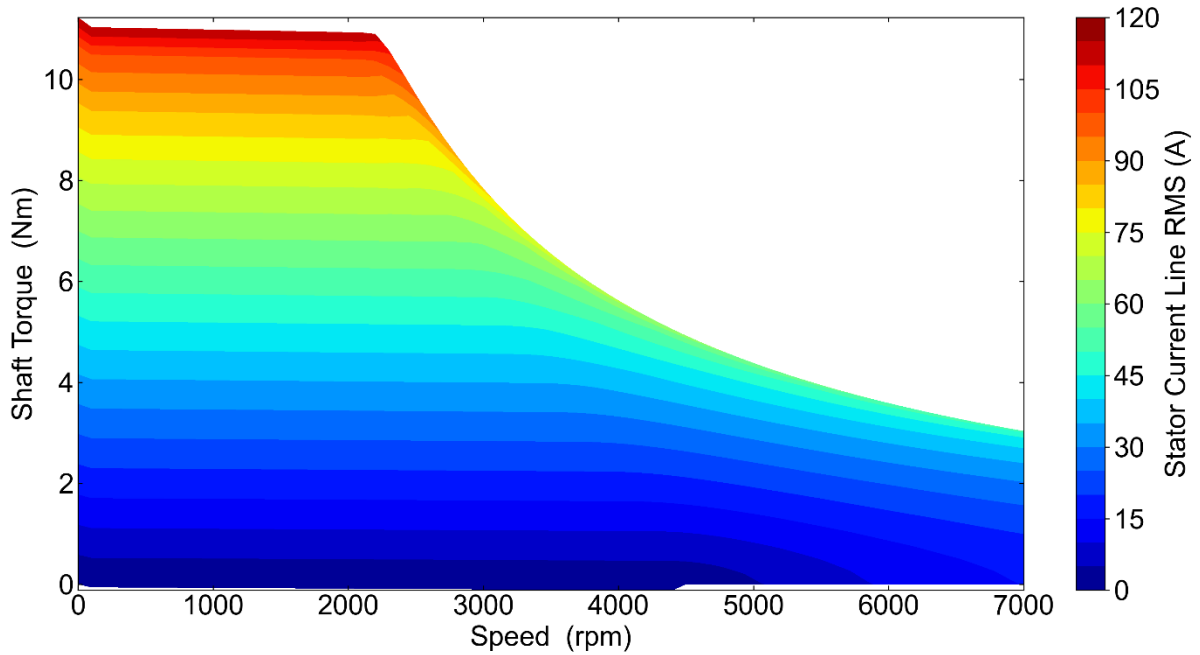
<b>Motor Rated Power</b>			<b>1500W</b>	
<b>Inverter Power Supply</b>			<b>48Vdc</b>	
Description	Symbol	Unit		
Duty	-	-	S2-60'	
Nominal Speed	$n_n$	rpm	3000	
Frequency (N° poles)	$f (2p)$	Hz	200.0 (8)	
Voltage Constant	$K_e$	Vrms/Krpm	8.0	
Instant Torque	$T_i$	Nm	11.0	
Instant Current	$i_i$	Arms	115.0	
Peak Torque S2-5'	$T_p$	Nm	8.0	
Peak Current S2-5'	$i_p$	Arms	78.0	
Peak Torque S2-30'	$T_r$	Nm	5.6	
Peak Current S2-30'	$i_r$	Arms	50.0	
Rated Torque S2-60'	$T_r$	Nm	4.5	
Rated Current S2-60'	$i_r$	Arms	40.0	
Internal Connection Type	-	-	DELTA	
Short Circuit Current	$I_{sc}$	Arms	41.0	
Rotor Inertia	$J_r$	kg x m <sup>2</sup>	0.008	
Ambient Temperature	$\theta_a$	°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 132-025



Current Map [Arms] (\*)



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

Efficiency Map % (\*)

