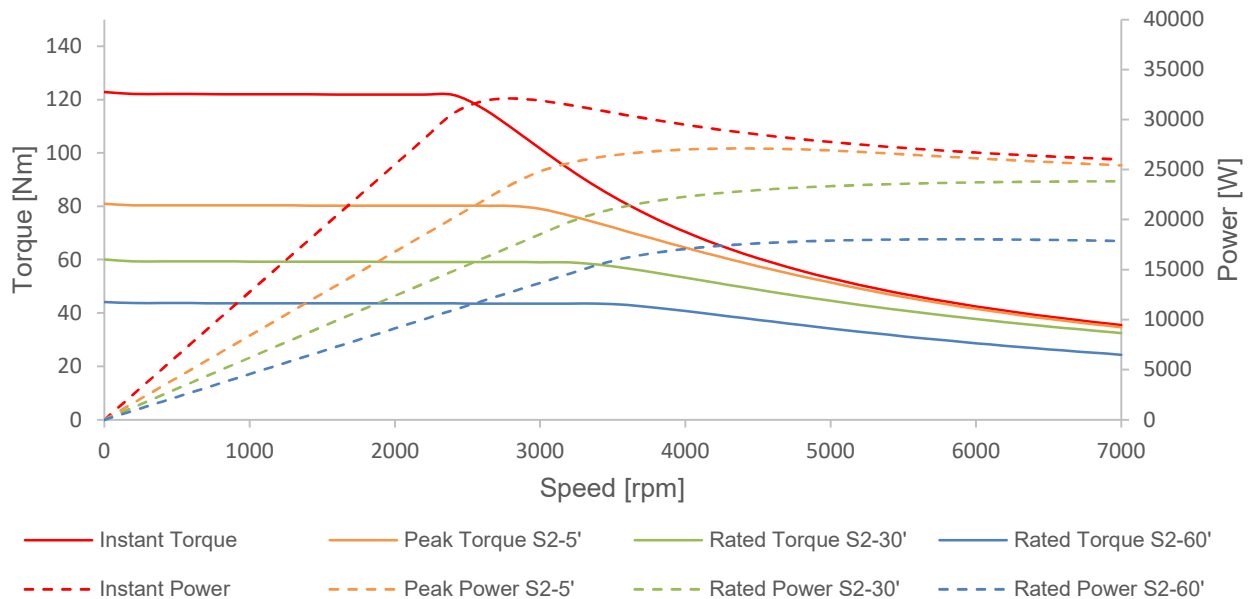


Motor Rated Power			16000W	
Inverter Power Supply			400Vdc	
Description	Symbol	Unit		
Duty	-	-	S2-60'	
Nominal Speed	n_n	rpm	3500	
Frequency (N° poles)	$f (2p)$	Hz	233.3 (8)	
Costant Voltage	K_e	Vrms/Krpm	72.0	
Instant Torque	T_i	Nm	122.0	
Instant Current	i_i	Arms	140.0	
Peak Torque S2-5'	T_p	Nm	80.0	
Peak Current S2-5'	i_p	Arms	80.0	
Peak Torque S2-30'	T_p	Nm	59.0	
Peak Current S2-30'	i_p	Arms	56.0	
Rated Torque S2-60'	T_r	Nm	44.0	
Rated Current S2-60'	i_r	Arms	40.0	
Short Circuit Current	I_{sc}	Arms	53.0	
Rotor Inertia	J_r	kg x m ²	0.016	
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

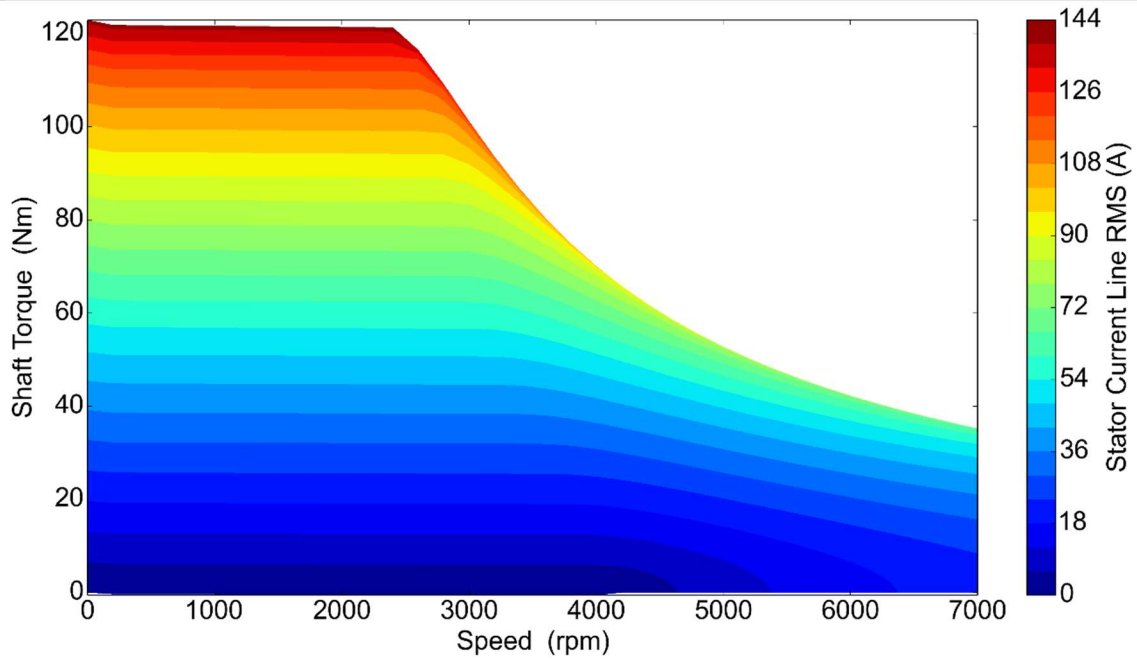
SIMULATED DATA

Speed-Torque & Speed Power Motor Curves (*)

SMAC 200-105

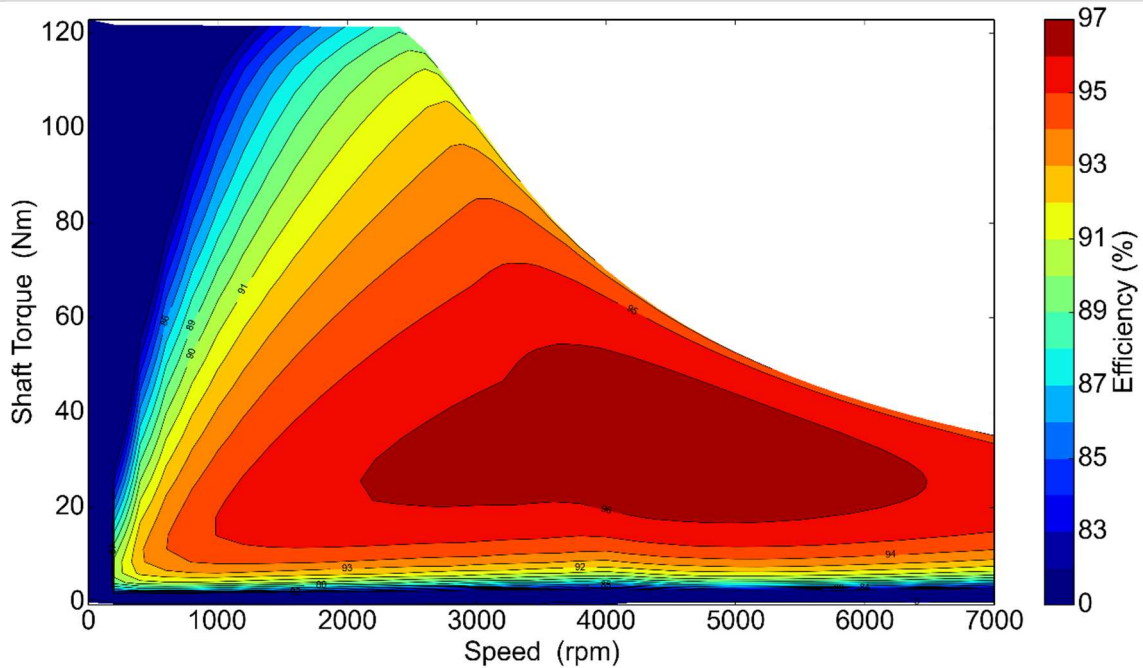


Current Map [Arms]



* MTPA – MTPV Field Weakening strategy control & Optimized Advance Angle
(Ref. Simulation temperature 20.0°C)

Efficiency Map % (*)



SIMULATED DATA

Nota bene / Disclaimer

Il presente documento ha il solo scopo di fornire un'indicazione generale delle prestazioni. In fase di scelta contattare Ufficio Tecnico e-comer™

This document has only the purpose of providing a general indication of performance. In the phase of selection, please, contact Technical Department of e-comer.