

Motor Rated Power **30000W**

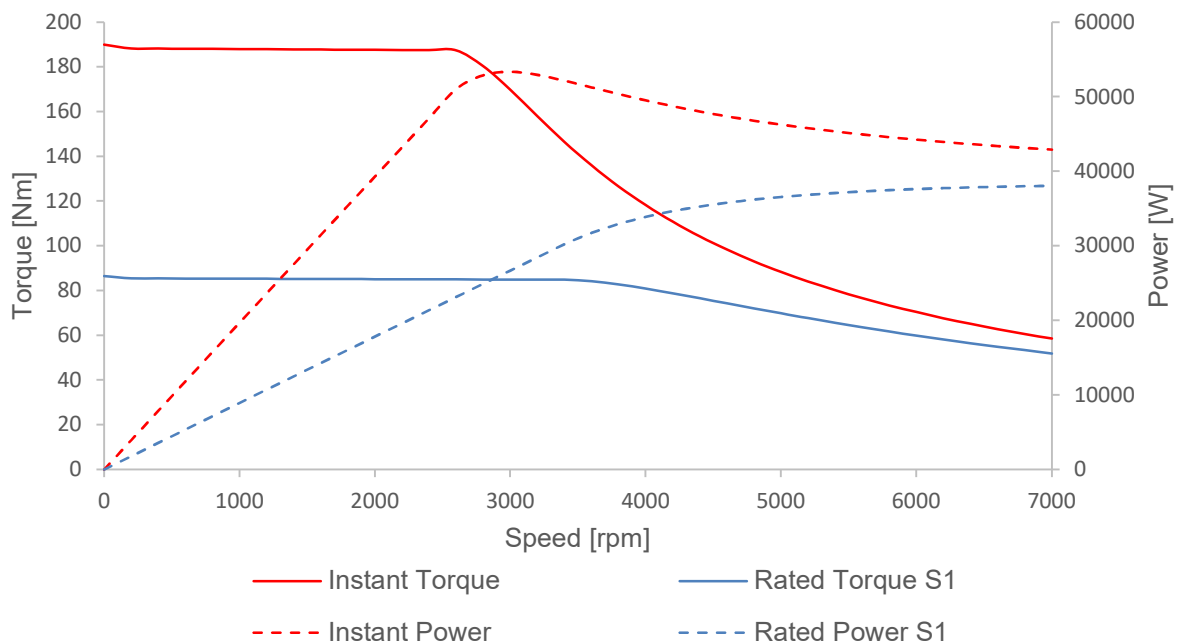
Inverter Power Supply **800Vdc**

Description	Symbol	Unit	
Duty	-	-	S1
Nominal Speed	n_n	rpm	3500
Frequency (N° poles)	$f (2p)$	Hz	233.3 (8)
Costant Voltage	K_e	Vrms/Krpm	120.0
Instant Torque	T_i	Nm	190.0
Instant Current	I_i	Arms	124.0
Rated Torque S1	T_r	Nm	85.0
Rated Current S1	I_r	Arms	45.0

Short Circuit Current	I_{SC}	Arms	52.0
Rotor Inertia	J_r	kg x m ²	0.023
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
Cooling system			Liquid

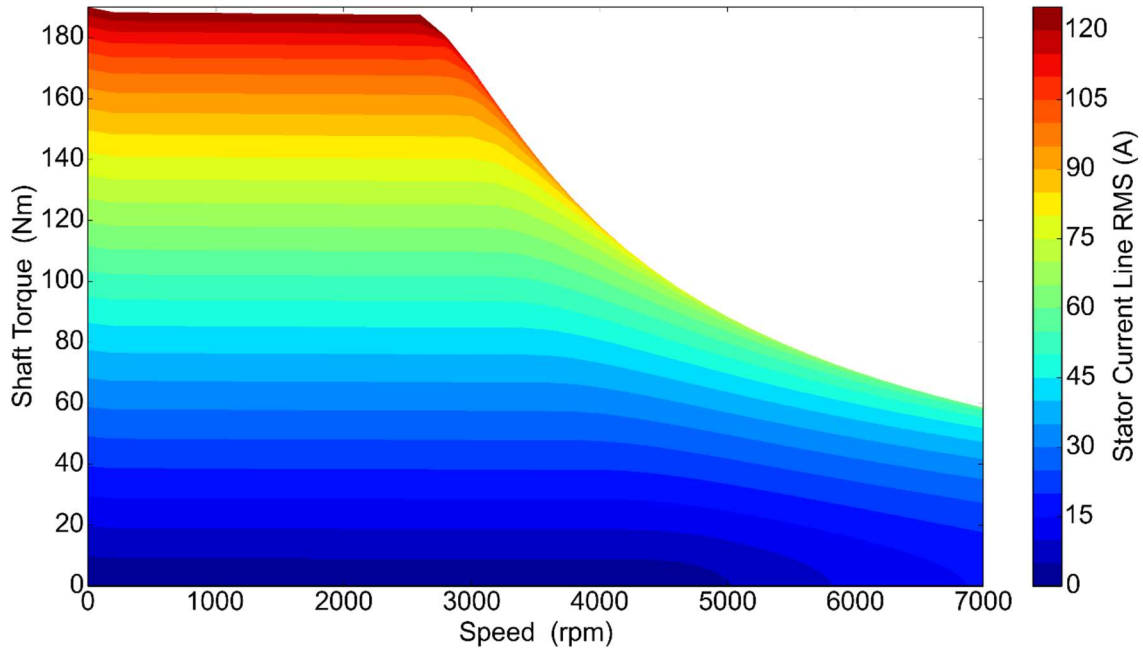
Speed-Torque & Speed Power Motor Curves (*)

SMAC 200-157



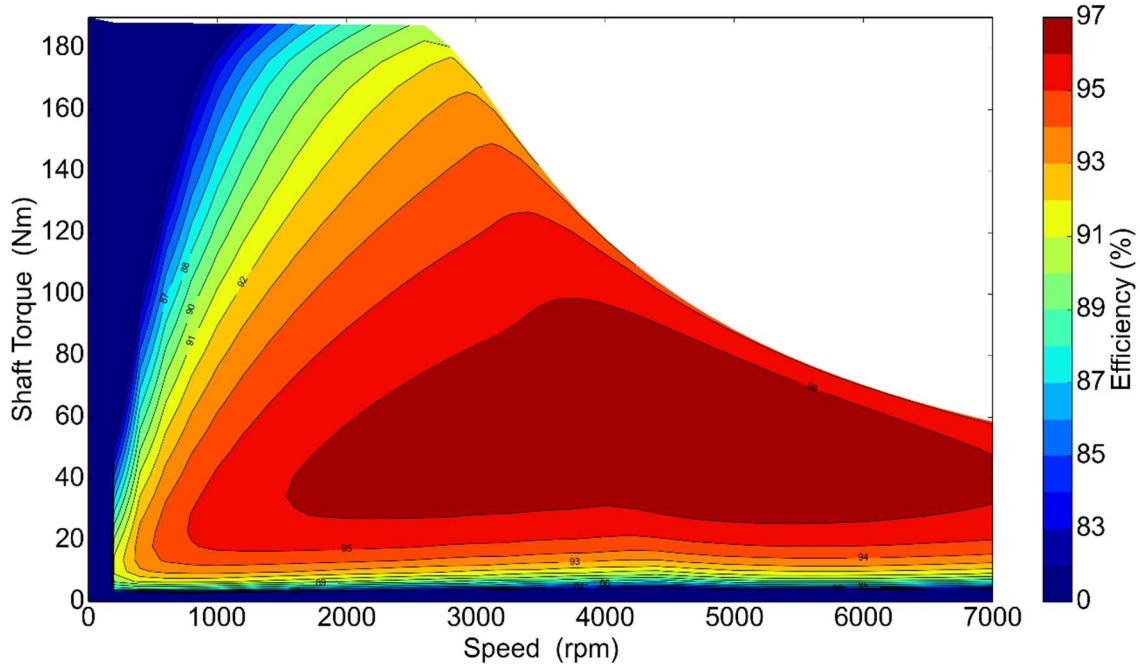
SIMULATED DATA

Current Map [Arms]



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

Efficiency Map % (*)



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.