

| | |
|--------------------------|---------------|
| Motor Rated Power | 40000W |
|--------------------------|---------------|

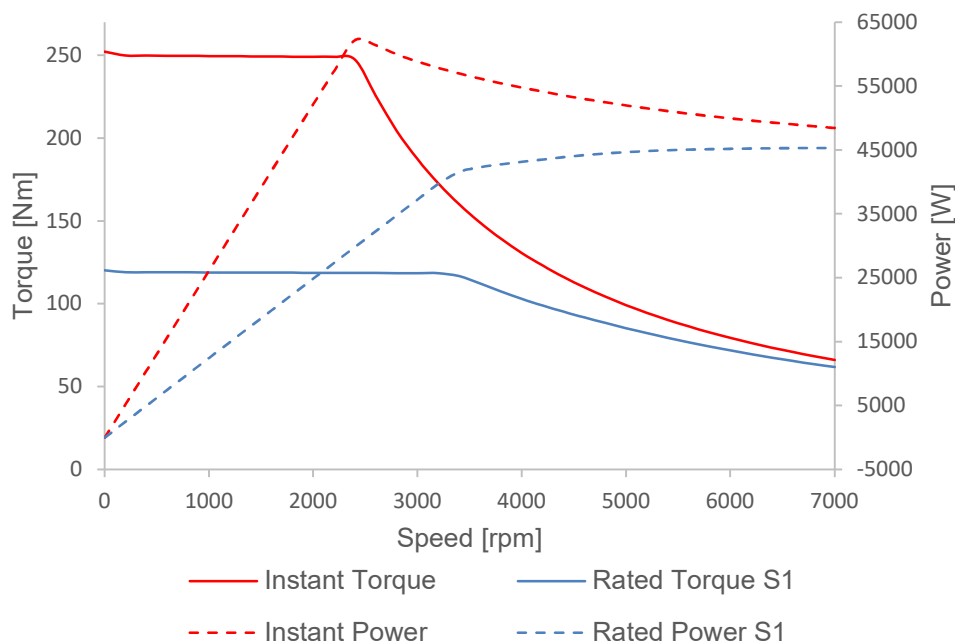
| | |
|------------------------------|---------------|
| Inverter Power Supply | 800Vdc |
|------------------------------|---------------|

| Description | Symbol | Unit | |
|----------------------|----------|-----------|-----------|
| Duty | - | - | S1 |
| Nominal Speed | n_n | rpm | 3500 |
| Frequency (N° poles) | $f (2p)$ | Hz | 233.3 (8) |
| Constant Voltage | K_e | Vrms/Krpm | 138.0 |
| Instant Torque | T_i | Nm | 250.0 |
| Instant Current | I_i | Arms | 145.0 |
| Rated Torque S1 | T_r | Nm | 118.0 |
| Rated Current S1 | I_r | Arms | 54.0 |

| | | | |
|-----------------------|------------|---------------------|--------------------------------------|
| Short Circuit Current | I_{SC} | Arms | 60.0 |
| Rotor Inertia | J_r | kg x m ² | 0.031 |
| 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 |

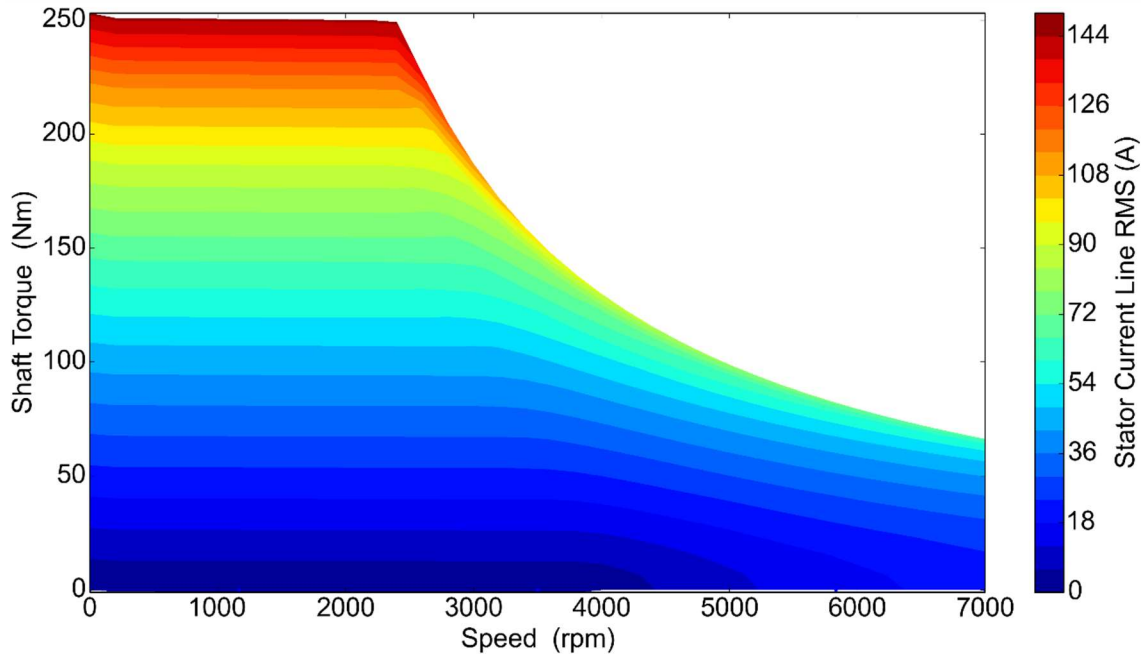
Speed-Torque & Speed Power Motor Curves (*)

SMAC 200-210



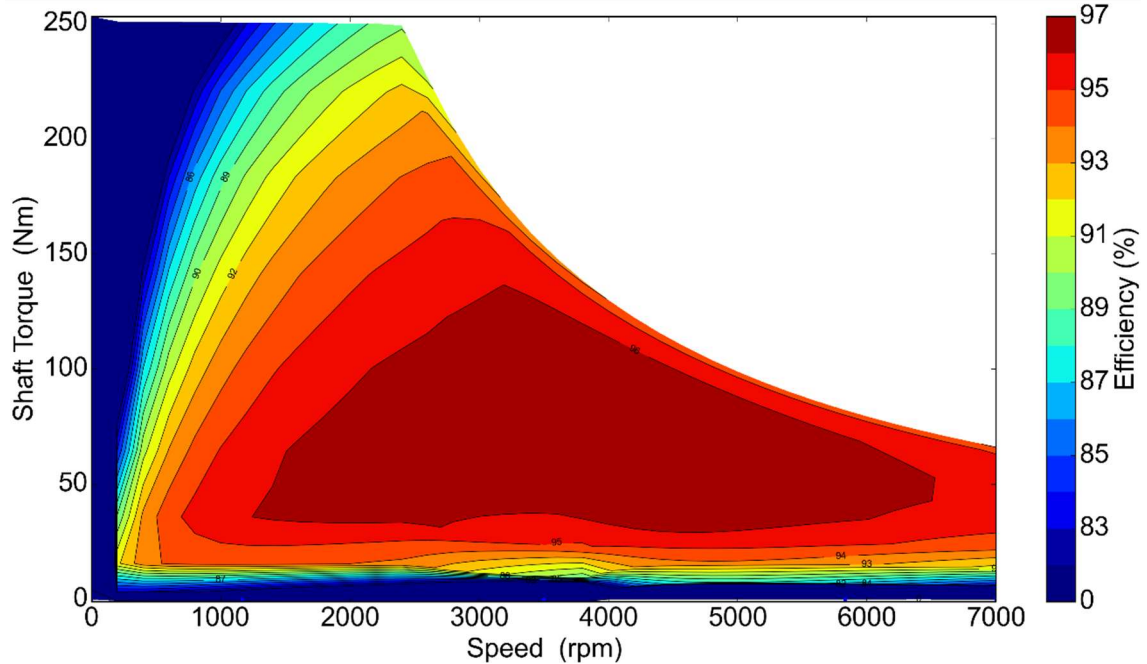
SIMULATED DATA

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.