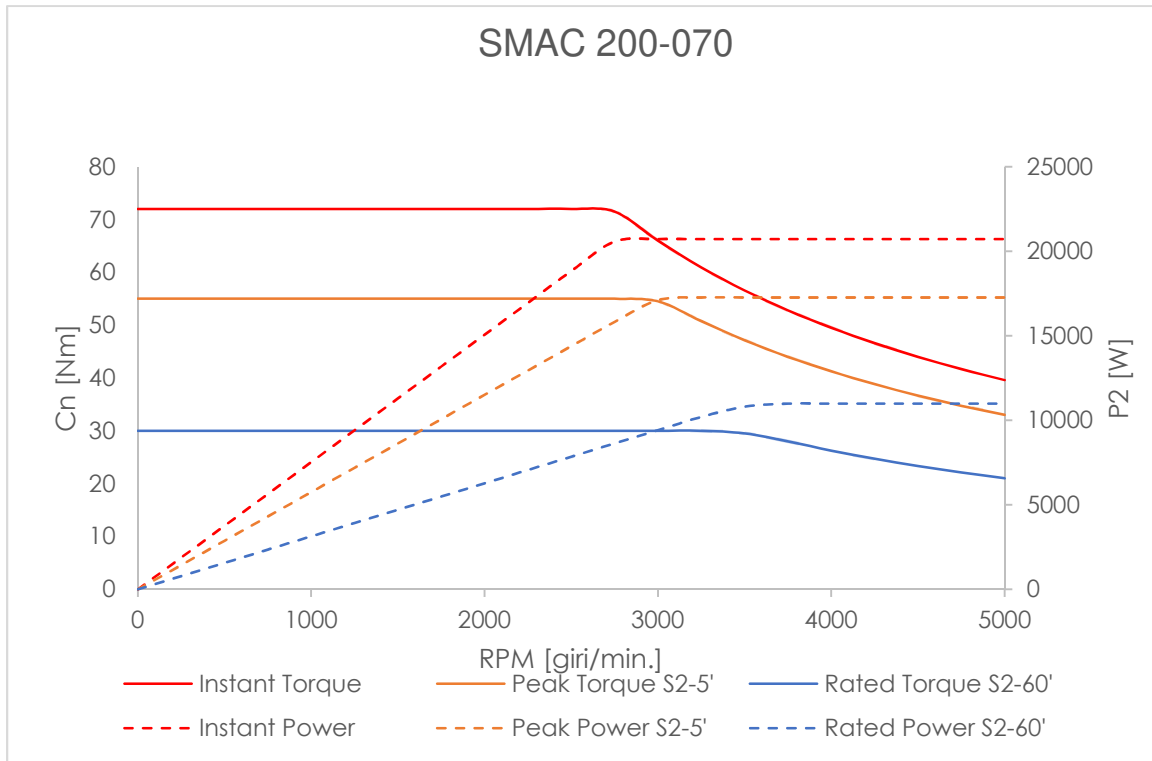


Motor Rated Power			10000W	
Inverter Power Supply			80Vdc	

Description	Symbol	Unit		
<i>Duty</i>	-	-	S2-60min	
<i>Nominal Speed</i>	n_n	rpm	3000	
<i>Frequency (N° poles)</i>	$f (2p)$	Hz	200 (8)	
<i>Constant Voltage</i>	K_e	Vrms/Krpm	13.0	
<i>Constant Torque</i>	K_t	Nm/Arms	0.21	
<i>Instant Torque</i>	T_{inst}	Nm	72.0	
<i>Instant Current</i>	I_{inst}	Arms	448	
<i>Peak Torque S2-5min.</i>	T_{peak}	Nm	55.0	
<i>Peak Current S2-5min.</i>	I_{peak}	Arms	298	
<i>Nominal Torque S2-60min.</i>	T_n	Nm	30.0	
<i>Nominal Current S2-60min.</i>	I_n	Arms	148	
<i>Rotor Inertia</i>	J_r	kg x m ²	0.012	
<i>Ambient Temperature</i>	θ_a	°C	-15 ÷ +40	
<i>Protection Degree</i>	IP		IP 54	up to IP67
<i>Insulation Class</i>	-	-	F	
<i>Thermal protection</i>	-	-	KTY 84-130	
<i>Cooling system</i>			Air	

Speed-Torque & Speed Power Motor Curves



Efficiency Map

