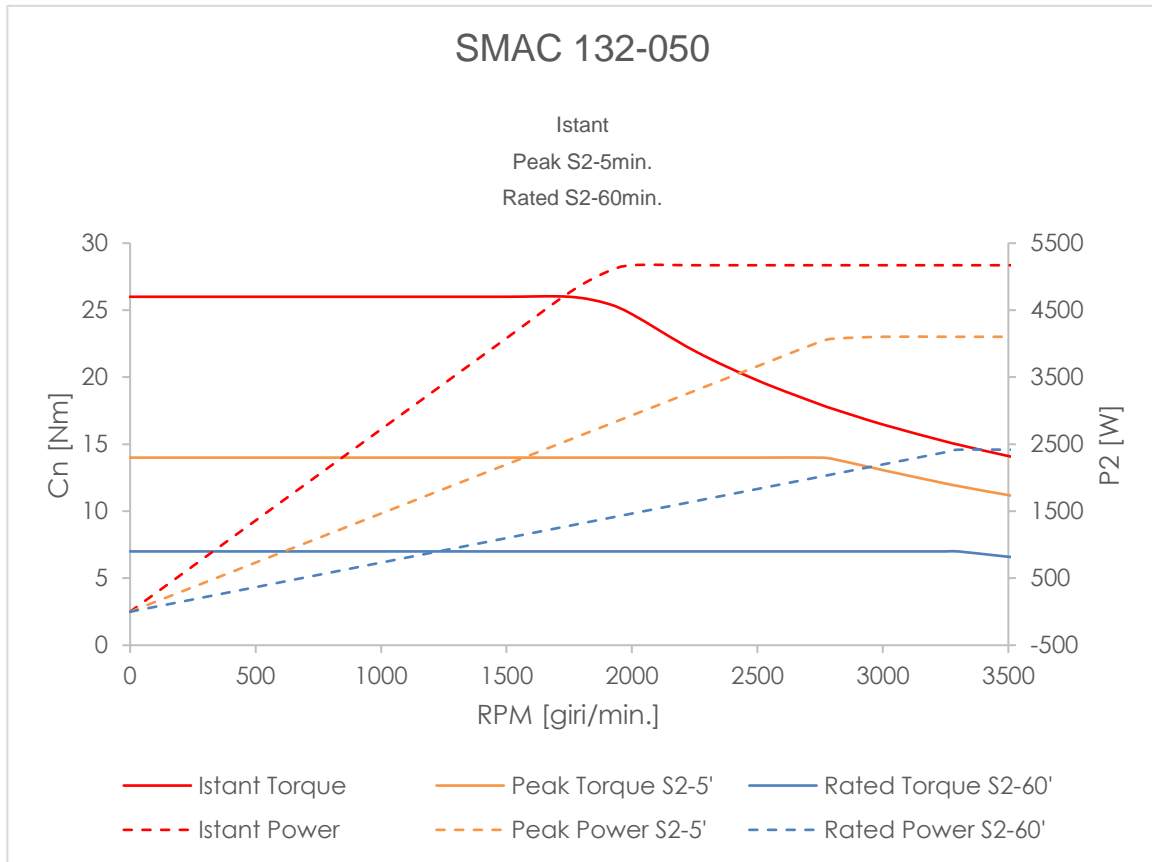


Motor Rated Power			2200W	
Inverter Power Supply			24Vdc	
Description	Symbol	Unit		
<i>Duty</i>	-	-	S2-60min	
<i>Nominal Speed</i>	n_n	<i>rpm</i>	3000	
<i>Frequency (N° poles)</i>	$f (2p)$	<i>Hz</i>	250 (10)	
<i>No load maximum speed</i>	n_{MAX}	<i>rpm</i>	3500	
<i>Costant Voltage</i>	K_e	<i>Vrms/Krpm</i>	4.3	
<i>Costant Torque</i>	K_t	<i>Nm/Arms</i>	0.07	
<i>Instant Torque</i>	T_{inst}	<i>Nm</i>	21.0	
<i>Instant Current</i>	I_{inst}	<i>Arms</i>	400	
<i>Peak Torque S2-5min.</i>	T_{peak}	<i>Nm</i>	14.0	
<i>Peak Current S2-5min.</i>	I_{peak}	<i>Arms</i>	200	
<i>Nominal Torque S2-60min.</i>	T_n	<i>Nm</i>	7.0	
<i>Nominal Current S2-60min.</i>	I_n	<i>Arms</i>	100	
<i>Rotor Inertia</i>	J_r	<i>kg x m²</i>	0.007	
<i>Ambient Temperature</i>	θ_a	<i>°C</i>	-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>Motor Weight</i>	M	<i>kg</i>	10	

Speed-Torque & Speed Power Motor Curves



Efficiency Map

