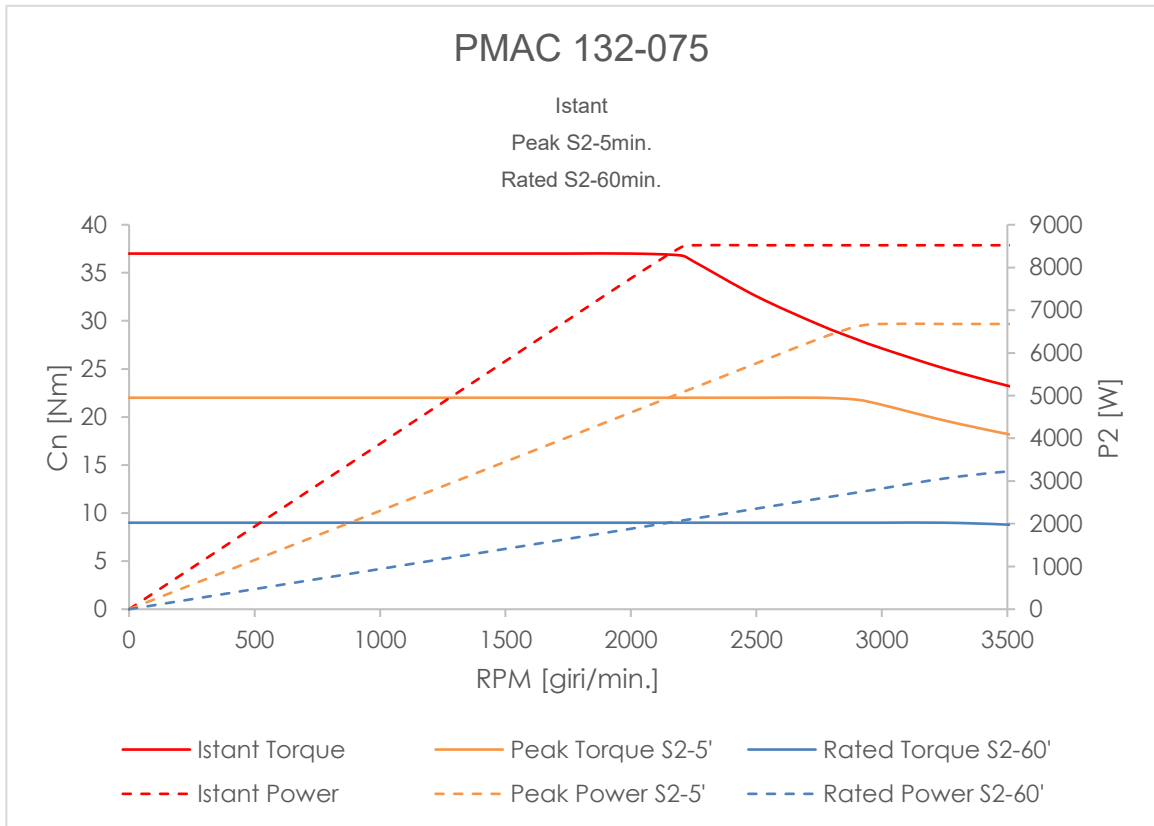


PMAC 132-075 06

Motor Rated Power			2800W	
Inverter Power Supply			24Vdc	
Description	Symbol	Unit		
<i>Duty</i>	-	-	S2-60min	
<i>Nominal Speed</i>	n_n	rpm	3000	
<i>Frequency (N° poles)</i>	$f (2p)$	Hz	250 (10)	
<i>No load maximum speed</i>	n_{MAX}	rpm	3500	
<i>Constant Voltage</i>	K_e	Vrms/Krpm	4.0	
<i>Constant Torque</i>	K_t	Nm/Arms	0.066	
<i>Instant Torque</i>	T_{inst}	Nm	37.0	
<i>Instant Current</i>	I_{inst}	Arms	560	
<i>Peak Torque</i> S2-5min.	T_{peak}	Nm	22.0	
<i>Peak Current</i> S2-5min.	I_{peak}	Arms	330	
<i>Nominal Torque</i> S2-60min.	T_n	Nm	9.0	
<i>Nominal Current</i> S2-60min.	I_n	Arms	130	
<i>Rotor Inertia</i>	J_r	kg x m ²	0.004	
<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>Motor Weight</i>	M	kg	12	

Speed-Torque & Speed Power Motor Curves



Efficiency Map

