

TECHNICAL DATA SHEET

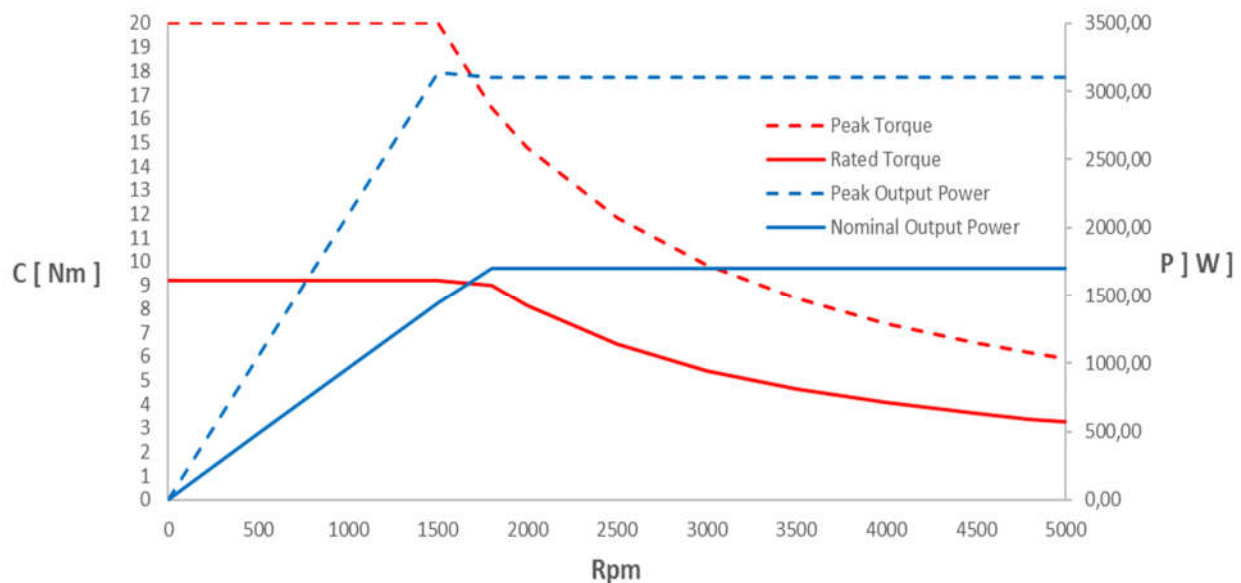
3-PHASE ASYNCHRONOUS MOTOR

Code	51E12513010ET040200		
Rev.	00		
Date	03/06/2025		
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Motor Rated Power			1700W	
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Inverter Power Supply			48Vdc	
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Description	Symbol	Unit		
Operating Mode	-	-	S2-60min	
Motor speed	n_n	rpm	2300	
Number of poles	$2p$	-	4	
Voltage	V	Vac	34	
Frequency	f_n	Hz	80	
Nominal Torque	C_n	Nm	7.1	
Nominal Current	I_n	Arms	44	
Efficiency	η	-	82	
Protection Degree	IP		IP 54	
Insulation Class	-	-	F	
Connection	-	-	DELTA	
Thermal Protection	-	-	KTY84-130	
Speed Sensor	-	Puls/Rev	64	
Brake Supply Volt	V_B	Vdc	-	
Brake Torque	C_B	Nm	-	
Brake Power	P_B	W	-	



Description	Symbol	Unit	Rated Power	Max speed	Max torque	
Duty			S2-60min	S2-30min	S2-5min	
Rpm	n	rpm	2300	5000	1450	
Torque	C	Nm	7.1	3.2	20	
Output power	P	W	1700	1700	3050	
Current	I	Arms	44	44	90	
Frequency	f	Hz	80	176	54	