



**C.F.R. s.r.l.**  
MODENA - Italy

**TECHNICAL DATASHEET**  
**3 PHASE INDUCTION MOTOR**

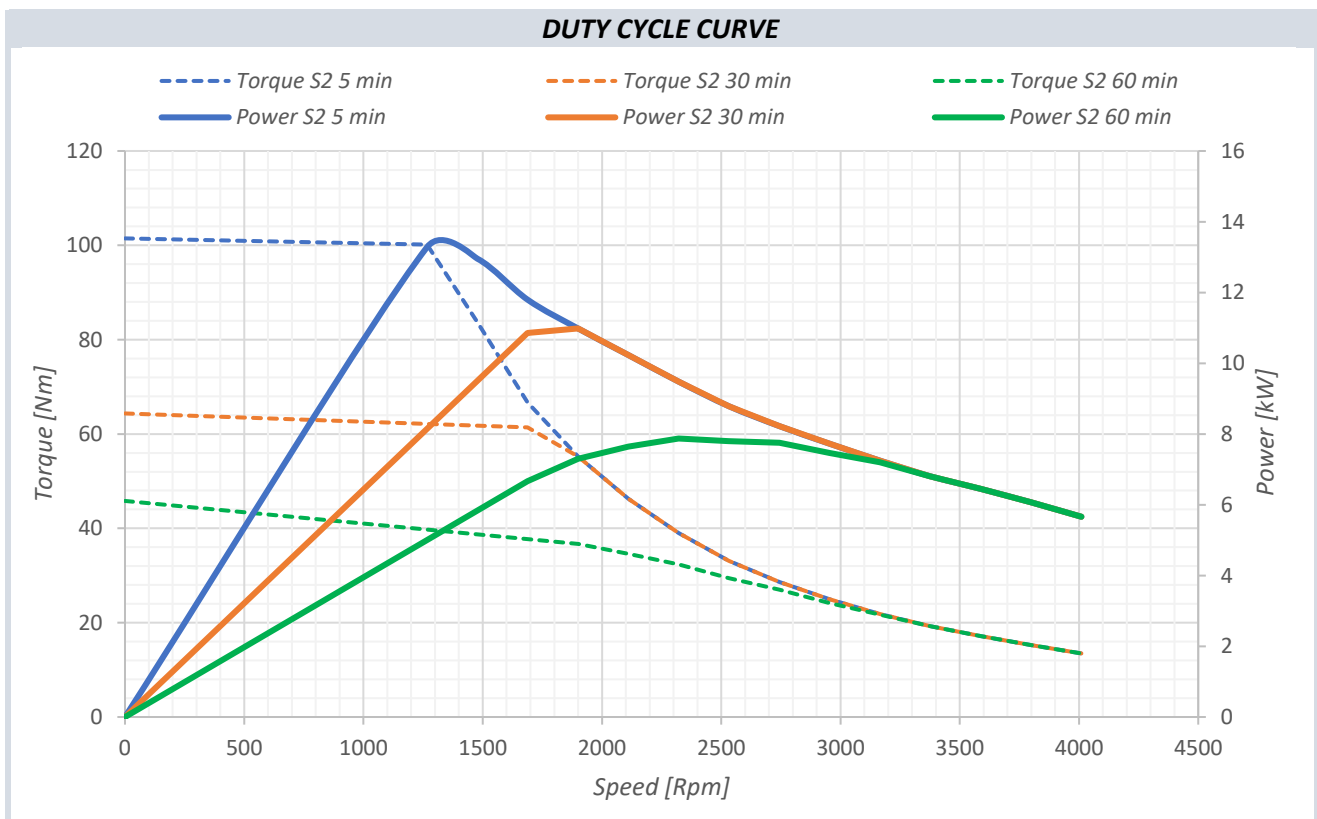
Stator Diameter	200
Stator Length	160
Rev.	01
Date	14-Jun-2022
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Curve Code

A01257\_20012516008004ST0G\_field0%

	DESCRIPTION	SYMBOL	VALUE	UNIT
<b>NOMINAL</b>	Rated Power	$P_n$	7800	[W]
	Rated Speed	$n_n$	2400	[RPM]
	Rated Torque	$T_n$	31,0	[Nm]
	Rated Current	$I_n$	102	[Arms]
	Rated Duty	S2	60	[min]
	Battery Voltage	$V_{DC}$	80	[V]
	Rated Frequency	$f_n$	80	[Hz]
<b>PEAK</b>	Peak Torque	$T_p$	144	[Nm]
	Peak Current	$I_p$	302	[Arms]
	Peak Duty	S2	1	[min]
<b>FEATURES</b>	Ambient Temperature	$\vartheta_a$	from -20° to +40° C *	[°C]
	Number of poles		4	
	Insulation Class		F	
	Thermal Protection		STS1	
	Cooling System		Not Ventilated	

\* The minimum temperature -20°C is only for degree of protection IP65 or higher.





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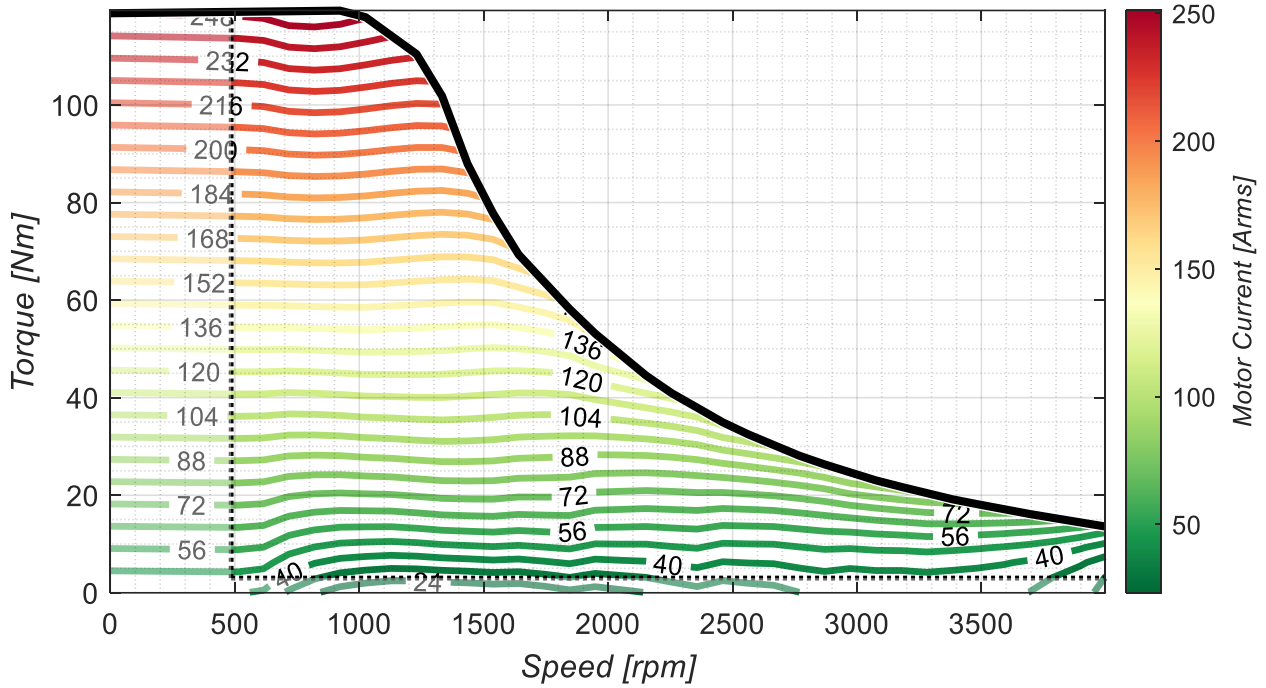
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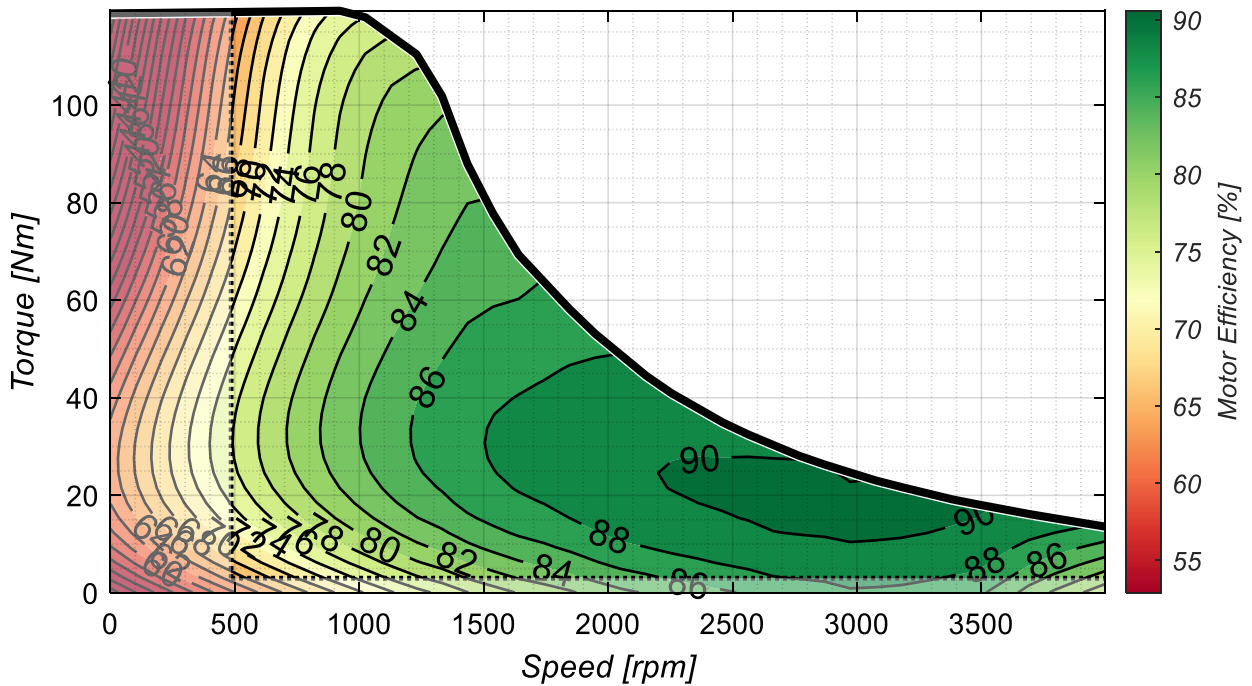
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**CURRENT MAP**



The data behind the dashed line are extrapolated with lower accuracy

**EFFICIENCY MAP**



The data behind the dashed line are extrapolated with lower accuracy