



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

TECHNICAL DATASHEET
3 PHASE INDUCTION MOTOR

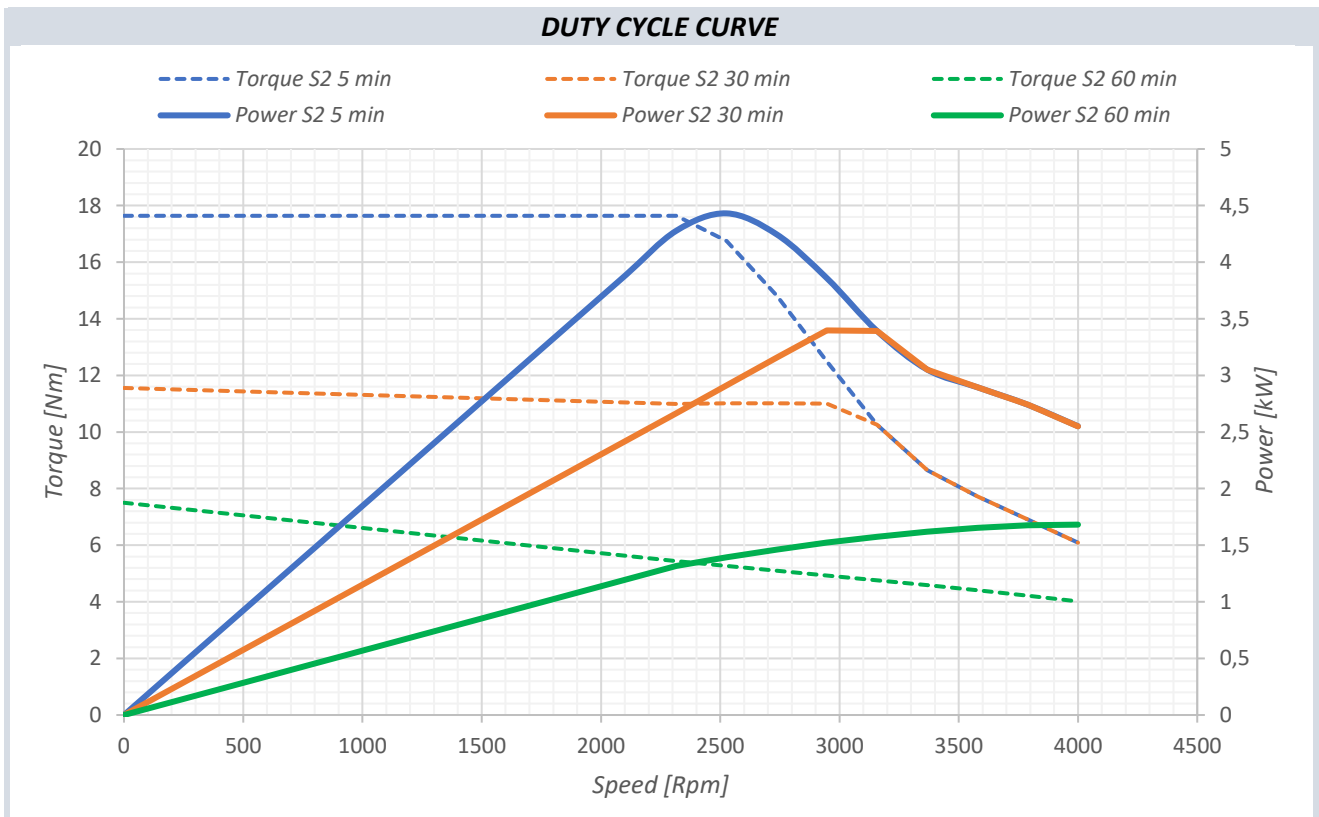
Stator Diameter	135
Stator Length	100
Rev.	01
Date	18-May-2022
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Curve Code

A00572-13508010002404TS0C-C_field0%

	DESCRIPTION	SYMBOL	VALUE	UNIT
NOMINAL	Rated Power	P_n	1600	[W]
	Rated Speed	n_n	4000	[RPM]
	Rated Torque	T_n	3,8	[Nm]
	Rated Current	I_n	96	[Arms]
	Rated Duty	S2	60	[min]
	Battery Voltage	V_{DC}	24	[V]
	Rated Frequency	f_n	137	[Hz]
PEAK	Peak Torque	T_p	26	[Nm]
	Peak Current	I_p	364	[Arms]
	Peak Duty	S2	1	[min]
FEATURES	Ambient Temperature	ϑ_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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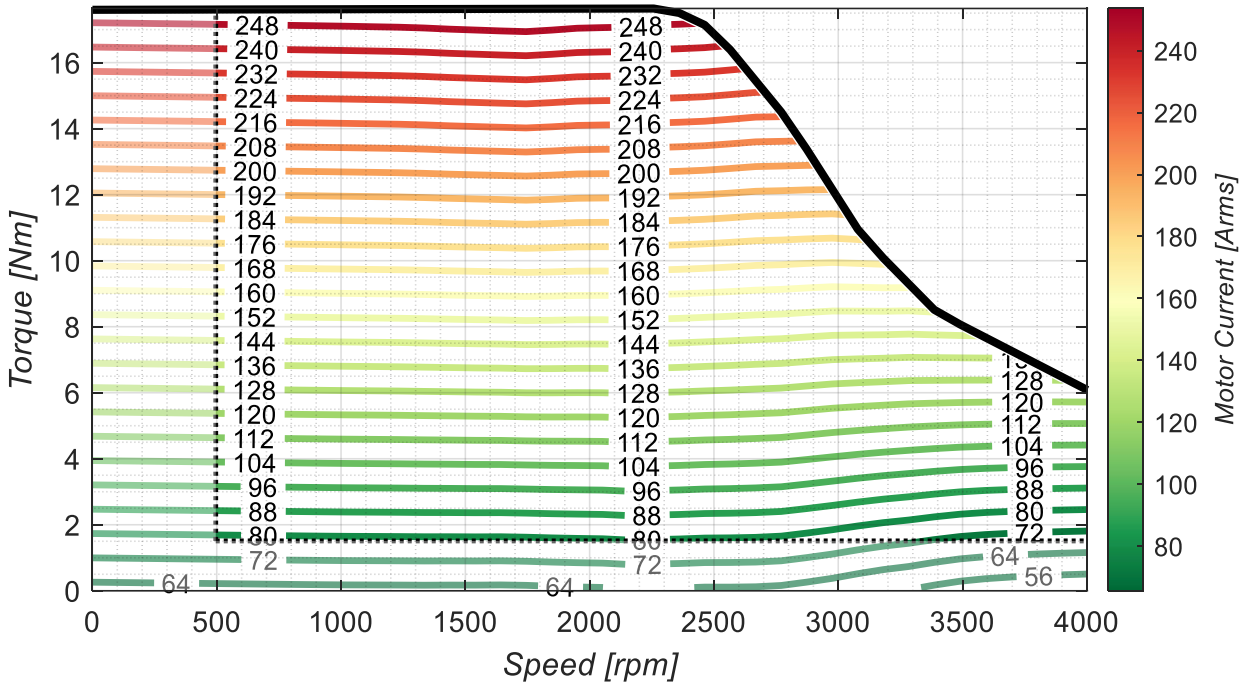
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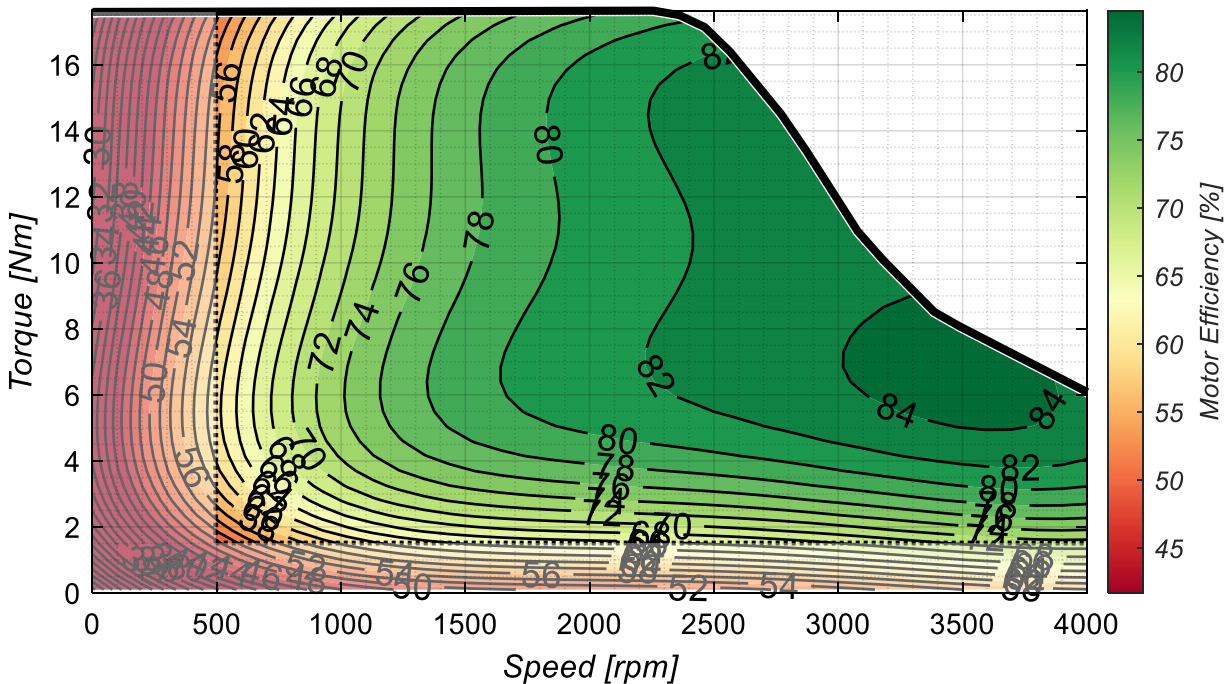
A00572-13508010002404TSOC-C_field0%

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