



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

## TECHNICAL DATASHEET

### 3 PHASE INDUCTION MOTOR

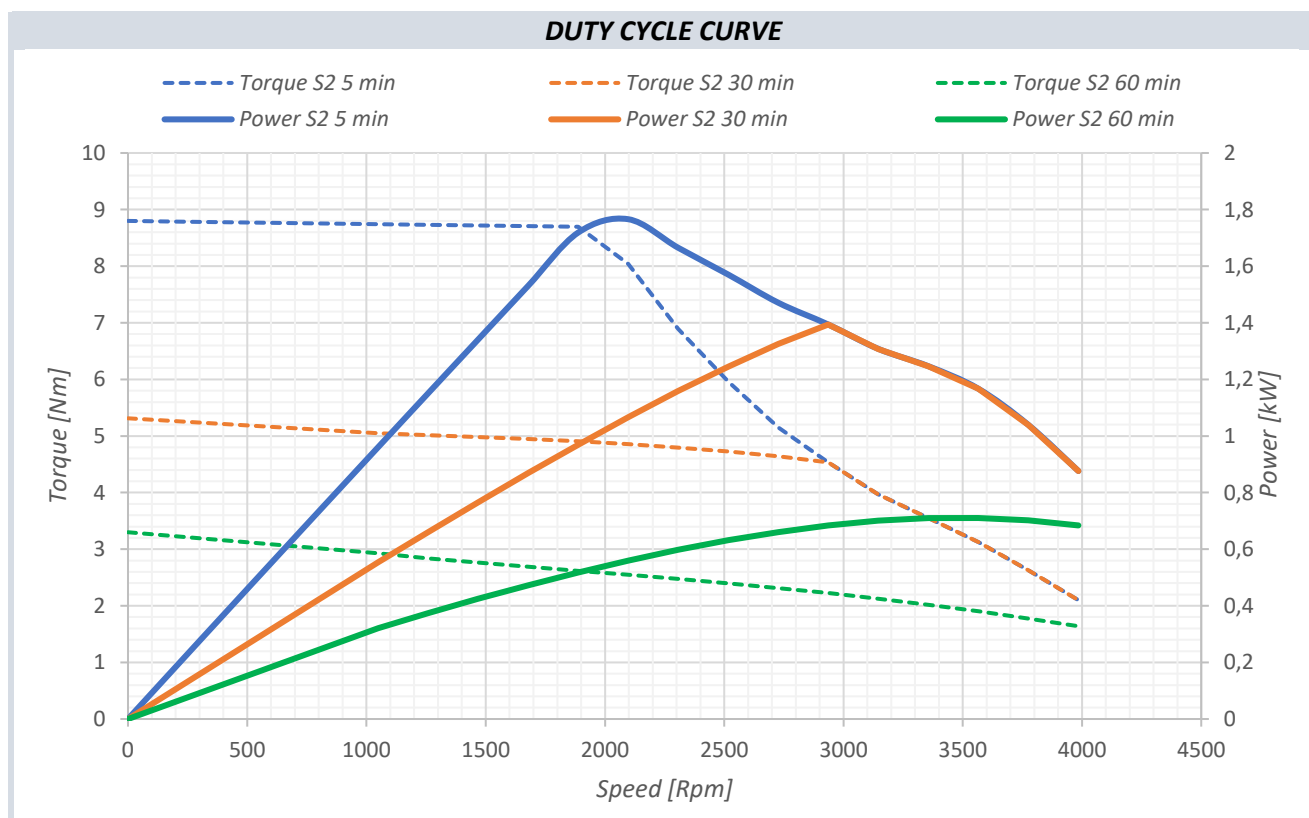
Stator Diameter	106
Stator Length	110
Rev.	01
Date	17-May-2022
Page	1

Curve Code

A01097-10606210508004TS0T-C field0%

	DESCRIPTION	SYMBOL	VALUE	UNIT
<b>NOMINAL</b>	Rated Power	$P_n$	710	[W]
	Rated Speed	$n_n$	3600	[RPM]
	Rated Torque	$T_n$	1,9	[Nm]
	Rated Current	$I_n$	14	[Arms]
	Rated Duty	S2	60	[min]
	Battery Voltage	$V_{DC}$	80	[V]
	Rated Frequency	$f_n$	120	[Hz]
<b>PEAK</b>	Peak Torque	$T_p$	11	[Nm]
	Peak Current	$I_p$	42	[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.





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

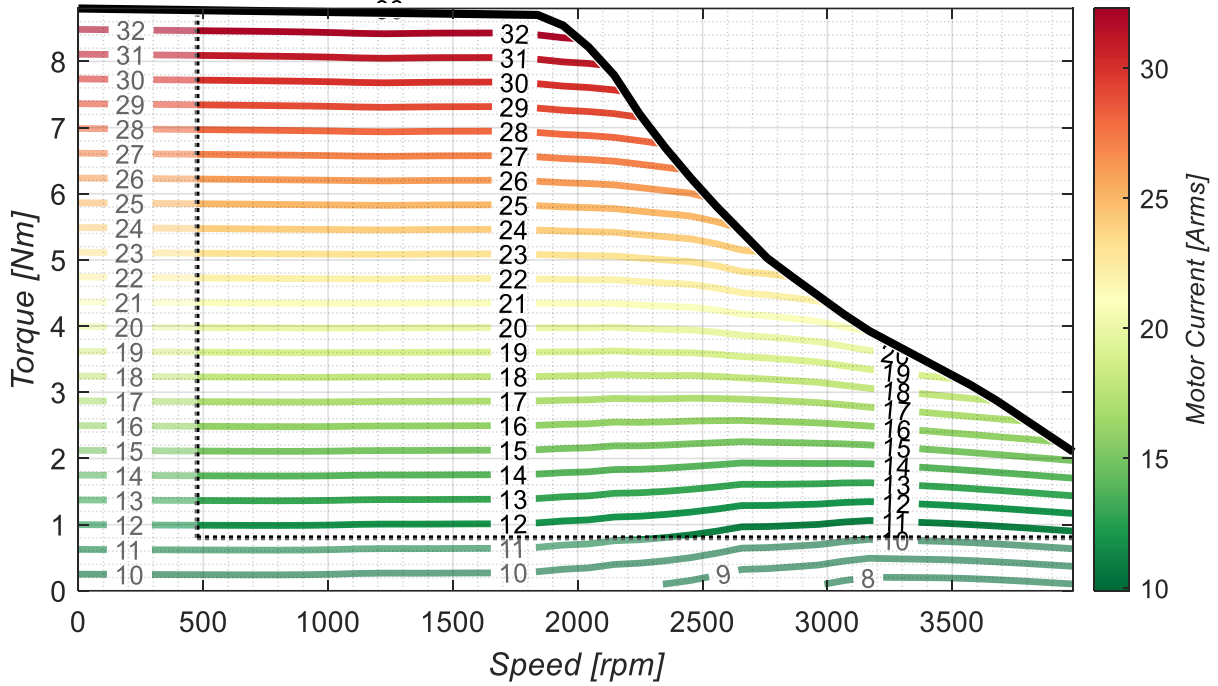
**TECHNICAL DATASHEET**  
**3 PHASE INDUCTION MOTOR**

Stator Diameter	106
Stator Length	110
Rev.	01
Date	17-May-2022
Page	2

Curve Code

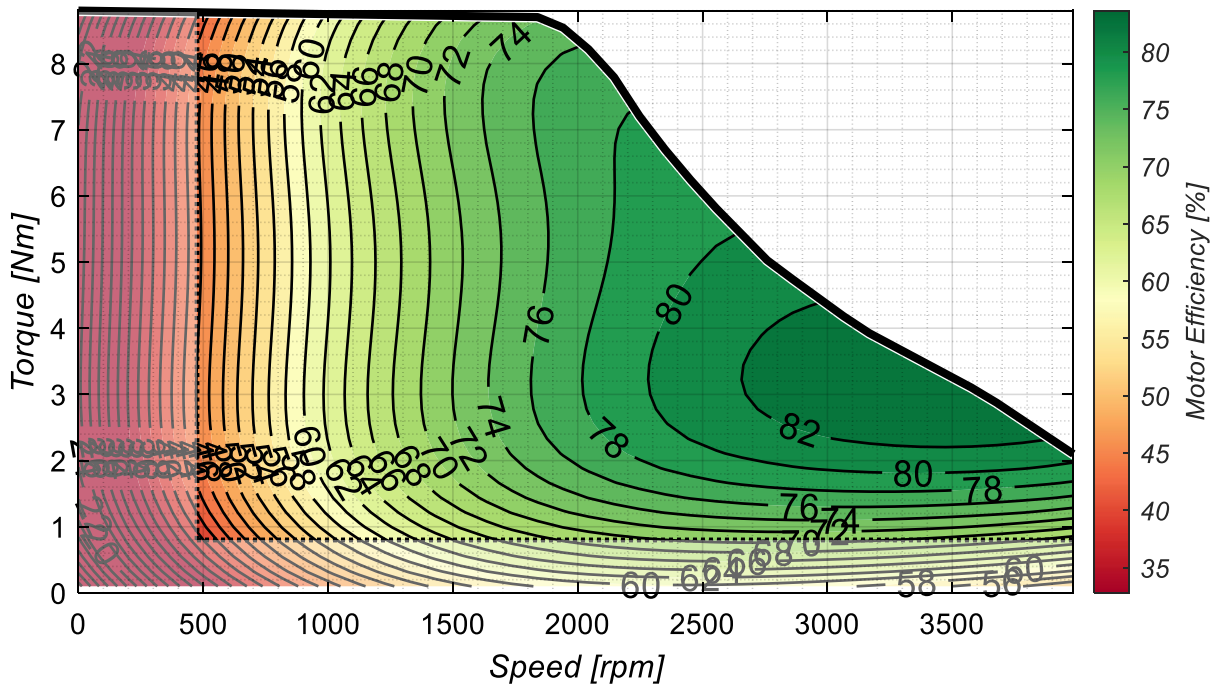
A01097-10606210508004TSOT-C field0%

**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