



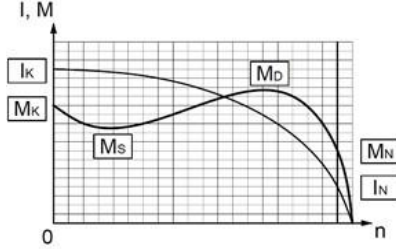
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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSC 225M		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	F		
Construction Type /Frame	B35/ 225M		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	11.08.2026	-

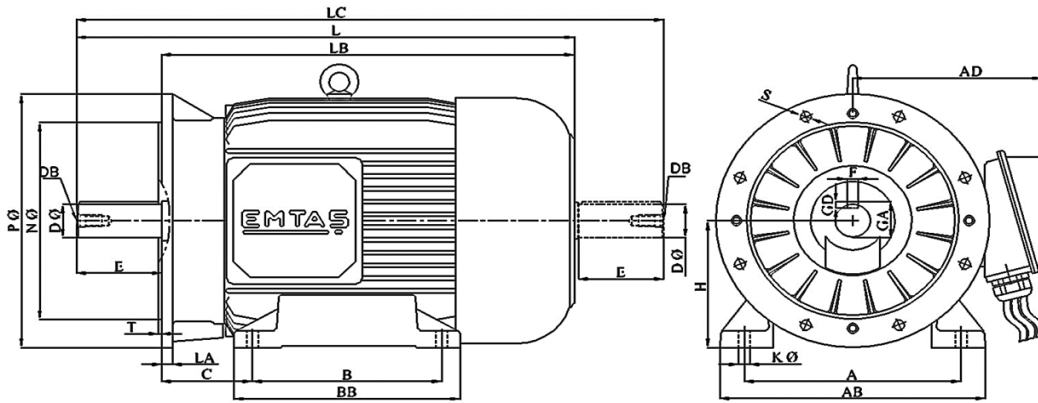


PERFORMANCE DATA (FULL LOAD)

Rated Output (kW)	Rated Speed (1/min)	Voltage (V)	Frequency (Hz)	Current (A)	Efficiency (%)	Power Factor (Cos φ)	Rated Torque MN (Nm)	Starting Current IK/IN	Starting Torque MK/MN	Breakdown Torque MD/MN	Moment of Inertia Jmot (kgm²)
5,5-22	351 1445	400	50	23,0 45,0	91,8	0,50 0,90	149,6 145,4	2,4 5,8	2,0 2,0	2,8	0,420

CHARACTERISTIC DATA

Frame	Cast Iron (GG20)	Bearings				Drive End Bearing		Non Drive End Bearing
End Shield - DE and NDE	Cast Iron (GG20)		Standart			6314		6314
Foot	Ductile Iron (GGG40)		Heavy Duty			NU 314		-
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder		Heat sensor
Terminal box	Aluminium		---	---	☐	---		---
Cable Gland	PA6.6 2 x Pg36	Colour	RAL 6028 - Green			Weight (kg)		334



DIMENSIONS (mm) (B3-B5-V1-V5-V6-B6-B7-B8-B35)

B3											B5								Common Dimensions										
H	A	B	C	AB	AC	AD	BB	HC	HD	K	P	N	M	S	Hole Pcs.	T	LA	LB	LC	L	ØD	E	F	GA	GD	DB	R		
225,0	356,0	311,0	149,0	436,0	434,0	300,0	371,0	442,0	504,0	19,0	450,0	350,0	400,0	19,0	8,0	5,0	18,0	678,0	965,0	818,0	60,0	140,0	18,0	64,0	11,0	M20	2 x Pg36		

Important Note : Values provided in this datasheet represent the preliminary design values. Please keep in mind that these values might vary for the final product, due to technical requirements.