



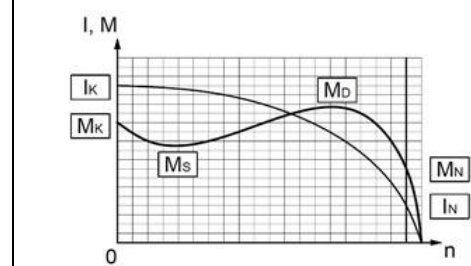
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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSC 180Lb		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	F		
Construction Type /Frame	B35/ 180Lb		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	10.08.2026	-

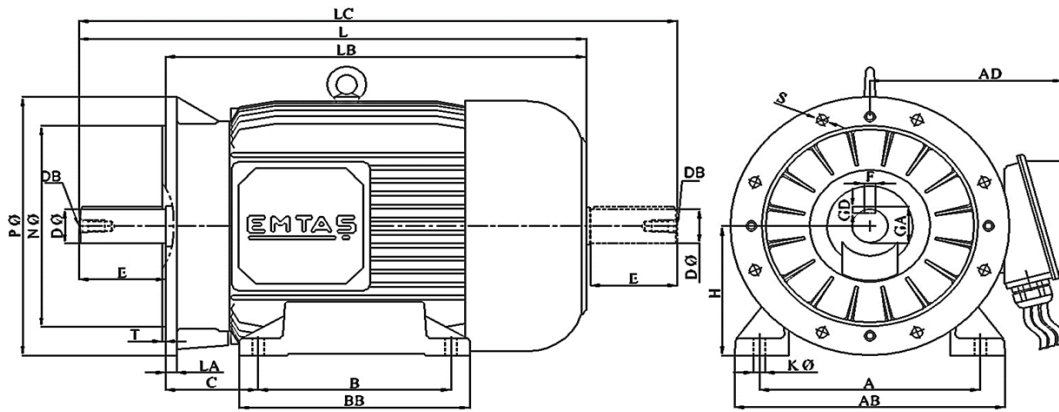


PERFORMANCE DATA (FULL LOAD)

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)
18,5-22	1464 2945	400	50	36,0 43,0	90,0	0,82 0,84	120,7 71,3	7,0 8,5	2,9 3,3	2,8	0,129

CHARACTERISTIC DATA

Frame	Cast Iron (GG20)	Bearings				Drive End Bearing		Non Drive End Bearing	
End Shield - DE and NDE	Cast Iron (GG20)		Standart			6310 ZZ		6310 ZZ	
Foot	Ductile Iron (GGG40)		Heavy Duty			-		-	
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder		Heat sensor	
Terminal box	Aluminium		---	---	☐	---		---	
Cable Gland	PA6.6 2 x Pg21	Colour	RAL 6028 - Green			Weight (kg)			176



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		
180,0	279,0	279,0	121,0	360,0	348,0	250,0	327,0	354,0	411,0	15,0	350,0	250,0	300,0	19,0	4,0	5,0	18,0	541,0	772,0	651,0	48,0	110,0	14,0	51,5	9,0	*	2 x Pg21		

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.