



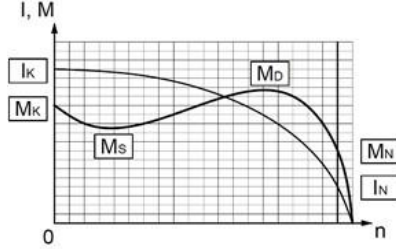
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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSCF 180M		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	F		
Construction Type /Frame	B35/F 180M		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	11.08.2026	-

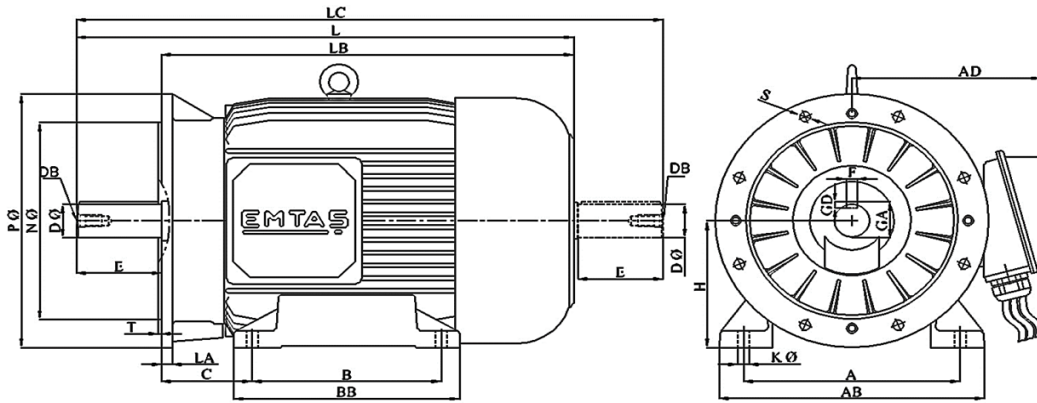


PERFORMANCE DATA (FULL LOAD)

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)
4,63-18,5	1466 / 2941	400	50	13,0 / 39,0	89,9	0,84 / 0,86	30,1 / 60,1	7,4 / 8,5	3,1 / 3,4	3,2	0,059

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)		150	



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	241,0	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.