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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSF 160M2		
Protection Class	IP55		
Duty Type / Service Factor	S2 - 240 dk	1.0	
Insulation Class	F		
Construction Type /Frame	B3/ 160M2		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	11.03.2026	-



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)
11	2934	400	50	21,2	88,0	0,85	35,8	6,7	2,9	2,8	0,027

CHARACTERISTIC DATA

Frame	Cast Iron (GG20)	Bearings	Standart			Drive End Bearing	Non Drive End Bearing
End Shield - DE and NDE	Cast Iron (GG20)		Heavy Duty			6309 ZZ	6309 ZZ
Foot	Ductile Iron (GGG40)					NU 309	-
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat sensor
Terminal box	Aluminium		200 Nm brake	---	<input type="checkbox"/>		
Cable Gland	PA6.6 2 x Pg21	Colour	RAL 6028 - Green			Weight (kg)	137



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		
160,0	254,0	210,0	108,0	318,0	310,0	236,0	304,0	315,0	373,0	15,0	350,0	250,0	300,0	19,0	4,0	5,0	18,0	---	855,0	739,0	42,0	110,0	12,0	45,0	8,0	*	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.