



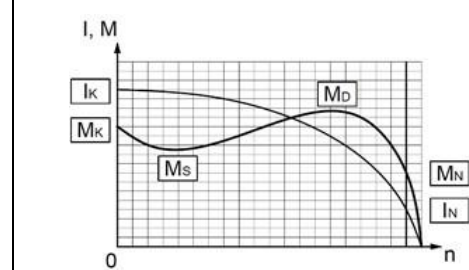
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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSC 225M		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	H		
Construction Type /Frame	B35/ 225M		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	11.01.2024	-



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)
	973	1456			45,0	59,0		0,80	0,89	196,3	196,8	4,4	4,4	2,0	2,0		
20-30	973	1456	400	50	45,0	59,0	91,8	0,80	0,89	196,3	196,8	4,4	4,4	2,0	2,0	2,8	0,420

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			6314	6314
Foot	Ductile Iron (GGG40)					NU 314	-
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat sensor
Terminal box	Aluminium		---	---	<input type="checkbox"/>	---	---
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.