



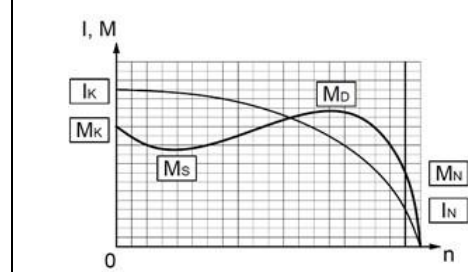
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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSC 280Mc		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	H		
Construction Type /Frame	B35/ 280Mc		
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)
	984	1481			91,0	134,0		0,92	0,95	475,6	470,7	7,1	7,9	2,0	2,0		
49-73	984	1481	400	50	91,0	134,0	93,3	0,92	0,95	475,6	470,7	7,1	7,9	2,0	2,0	2,7	0,719

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			6316	6316
Foot	Ductile Iron (GGG40)					-	-
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat sensor
Terminal box	Cast Iron (GG20)		---	---	<input type="checkbox"/>	---	---
Cable Gland	PA6.6 2xPg48	Colour	RAL 6028 - Green			Weight (kg)	690



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
280,0	457,0	419,0	190,0	536,0	536,0	381,0	490,0	548,0	613,0	24,0	550,0	450,0	500,0	19,0	8,0	5,0	18,0	955,0	1246,0	1095,0	75,0	140,0	20,0	79,5	12,0	M20	2xPg48

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.