



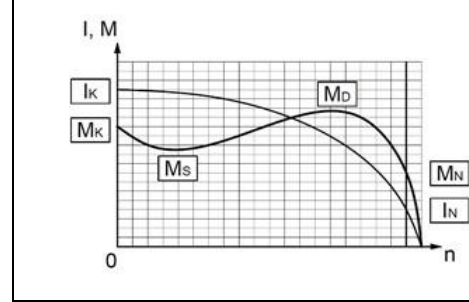
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## TECHNICAL SPECIFICATION SHEET

### THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMSC 90S		
Protection Class	IP55		
Duty Type / Service Factor	S1	1.0	
Insulation Class	H		
Construction Type /Frame	B35/ 90S		
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)
	1372	2760			1,4	1,8		0,82	0,88	3,8	2,6	4,1	4,5	2,1	2,1		
0,55-0,75	1372	2760	400	50	1,4	1,8	77,3	0,82	0,88	3,8	2,6	4,1	4,5	2,1	2,1	2,5	0,001

### 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			6205 ZZ	6205 ZZ
Foot	Ductile Iron (GGG40)					-	-
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat sensor
Terminal box	Aluminium		---	---	<input type="checkbox"/>	---	---
Cable Gland	PA6.6 2 x Pg13,5	Colour	RAL 6028 - Green			Weight (kg)	20



### 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
90,0	140,0	100,0	56,0	185,0	176,0	127,0	130,0	178,0	-	10,0	200,0	130,0	165,0	12,0	4,0	3,5	11,0	249,0	360,0	299,0	24,0	50,0	8,0	27,0	7,0	*	2 x Pg13,5

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.