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## TECHNICAL SPECIFICATION SHEET

### THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR

Type	NMST 315M 4	
Protection Class	IP65	
Duty Type / Service Factor	S1	1.0
Insulation Class	H	
Construction Type /Frame	V5-V6-B6-B7-B8	V1-V3
Altitude / Ambient temperature	V1-V3	40 °C



## PERFORMANCE DATA ( FULL LOAD )

Output Rated (kW)	Speed (1/min)	Voltage (V)	Frequency (Hz)	Current (A)	Efficiency (%)	Power Factor (CosØ)	Rated Torque MN (Nm)	Starting Current IK/IN	Starting Torque MK/MN	Breakdown Torque MD/MN	Moment of Inertia Jmot kgm2
160	1490	400	50	271.7	96.6	0.88	1025.5	6.2	2.2	2.4	3.0349

## CHARACTERISTIC DATA

Frame	Pik Cast. (GG20)	BEARINGS	Drive End Bearing		Non Drive End Bearing		
Front-Back Cover	Pik Cast. (GG20)		Standart	6319		6318	
Foot	Sfero Casting		Heavy Duty	NU 319		6318	
Fan		Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat Sensor
Terminal Box	Pik Casting		---	---	---	---	---
Cable Gland	Pik Casting	Colour	RAL 6028-Yesil		Weight (kg)		1088



## DIMENSIONS (B3-B5-V5-V6-B6-B7-B8)

B3										B5							Common Dimensions										
H	A	B	C	AB	AC	AD	BB	HC	HD	K	P	N	M	S	D.S	T.	LA	LB	LC	L	ØD	E	F	GA	GD	DB	R
315M	508	457	216	620	612	501	550	621	682	28	660	550	600	24	8		24		1349	1171	85	170	22	90	14	M20	2 x Pg48