



Elsan Elektrik San. ve Tic. A.Ş
 Etiler Mah. 1458 Cad. No:40
 06790 Etimesgut / Ankara / TÜRKİYE
 Tlf: +90 312 244 09 94 F: +90 312 243 14 38
 Mail: info@emtas.com.tr / Web Sayfası: www.emtas.com.tr



TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR

Type	NMST 225M 2	
Protection Class	IP55	
Duty Type / Service Factor	S2 240 dak	1.0
Insulation Class	F	
Construction Type /Frame	V5-V6-B6-B7-B8	V1-V3
Altitude / Ambient temperature	V1-V3	40 °C

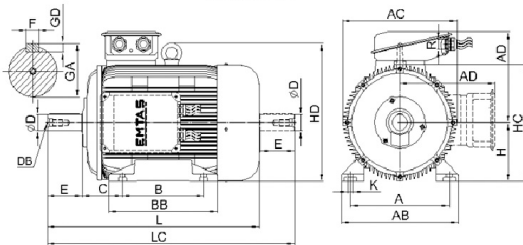


PERFORMANCE DATA (FULL LOAD)

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
45	2962	400	50	78.7	91.7	0.90	145.1	7.0	2.5	2.8	0.1983

CHARACTERISTIC DATA

Frame	Pik Cast. (GG20)	BEARINGS	Drive End Bearing		Non Drive End Bearing		
Front-Back Cover	Pik Cast. (GG20)		Standart	6313 ZZ		6313 ZZ	
Foot	Sfero Casting		Heavy Duty	NU 313		6313 ZZ	
Fan	Plastik	Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat Sensor
Terminal Box	Casting		---	---	---	---	---
Cable Gland	Casting	Colour	RAL 6028-Yesil		Weight (kg)	330	



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
225M	356	311	149	436	434	300	371	442	504	19	450	350	400	19	8		18		908	788	55	110	16	59	10	M20	2 x Pg36