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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR

Type	NMST 280S 6	
Protection Class	IP55	
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

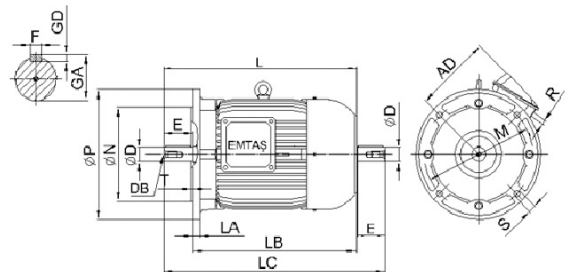
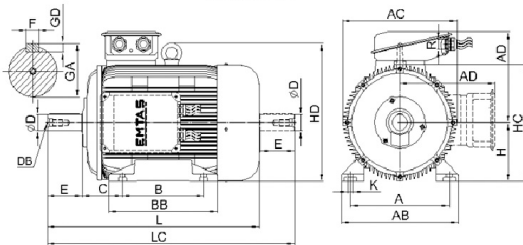


PERFORMANCE DATA (FULL LOAD)

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
45	990	400	50	83.6	94.8	0.82	434.1	6.0	2.1	2.4	1.594

CHARACTERISTIC DATA

Frame	Pik Cast. (GG20)	BEARINGS	Drive End Bearing		Non Drive End Bearing		
Front-Back Cover	Pik Cast. (GG20)		Standart	6317		6316	
Foot	Sfero Casting		Heavy Duty	NU 317		6316	
Fan		Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat Sensor
Terminal Box	Pik Casting		---	---	---	---	---
Cable Gland	Pik Casting		Colour	RAL 6028-Yesil		Weight (kg)	585



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		
280S	457	368	190	541	541	413	499	560	626	24	550	450	500	19	8		18				1038.5	393.5	75	140	20	79.5	12	M20	2 x Pg36