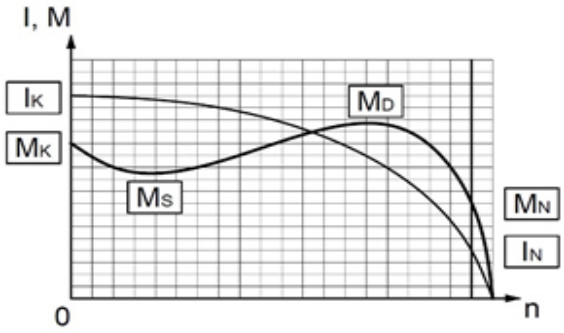
Elsan Elektrik San. ve Tic. A.Ş
Etiler Mah. 1458 Cad. No:40
06790 Etimesgut / Ankara / TÜRKİYE
Tlf: +90 312 244 09 94 F: +90 312 243 14 38
Mail: info@emtas.com.tr / Web Sayfası: www.emtas.com.tr

TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR		
Type	NMST 280S 6	
Protection Class	IP55	
Duty Type / Service Factor	S1	1.0
Insulation Class	H	
Construction Type	B3 - B5	V1-V5-V1/V5
Altitude / Ambient temperature	1000 M	40 °C

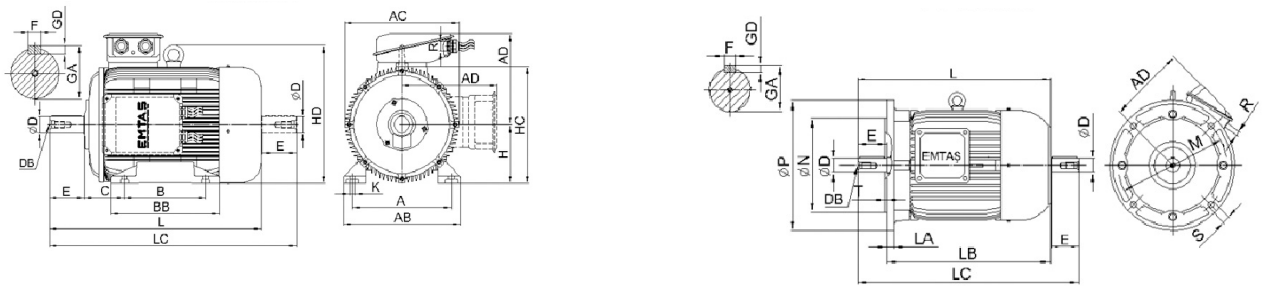


PERFORMANCE DATA (FULL LOAD)

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