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## TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR		
Type	NMST 280M 4	
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
90	1490	400	50	155.4	96.1	0.87	576.8	7.0	2.2	2.6	1.5897

## 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)	660



## 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
280M	457	419	190	541	541	413	499	560	626	24	550	450	500	19	8		18		1138.5	993.5	75	140	20	79.5	12	M20	2 x Pg36