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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

Type	NMST 355S8		
Protection Class	IP 65		
Duty Type / Service Factor	S1	1.0	
Insulation Class	H		
Construction Type /Frame	B3/ 355S8		
Altitude / Ambient temperature	1000 m	40 C°	
Customer / Date / Order Number	-	11.07.2023	-



PERFORMANCE DATA (FULL LOAD)

Rated Output (kW)	Rated Speed (1/min)	Voltage (V)	Frequency (Hz)	Current (A)	Efficiency (%)	Power Factor (Cos φ)	Rated Torque MN (Nm)	Starting Current IK/IN	Starting Torque MK/MN	Breakdown Torque MD/MN	Moment of Inertia Jmot (kgm²)
160	740	400	50	306,1	94,3	0,80	2064,9	5,5	1,9	2,0	6,635

CHARACTERISTIC DATA

Frame	Cast Iron (GG20)	Bearings	Standart			Drive End Bearing	Non Drive End Bearing
End Shield - DE and NDE	Cast Iron (GG20)		Heavy Duty			6322	6321
Foot	Ductile Iron (GGG40)					NU 322	-
Fan	Plastic	Special Equipment	Brake	Forced ventilation	Heater	Encoder	Heat sensor
Terminal box	Cast Iron (GG20)		---	---	<input type="checkbox"/>		---
Cable Gland	Brass 2 x M63	Colour	RAL 6028 - Green			Weight (kg)	1690



DIMENSIONS (mm) (B3-B5-V1-V5-V6-B6-B7-B8-B35)

B3										B5							Common Dimensions										
H	A	B	C	AB	AC	AD	BB	HC	HD	K	P	N	M	S	Hole Pcs.	T	LA	LB	LC	L	ØD	E	F	GA	GD	DB	R
355,0	610,0	500,0	254,0	718,0	700,0	552,0	670,0	705,0	838,0	33,0	800,0	680,0	740,0	24,0	8,0	6,0	25,0	---	1532,0	1312,0	100,0	210,0	28,0	106,0	16,0	M24	2 x M63

Important Note : Values provided in this datasheet represent the preliminary design values. Please keep in mind that these values might vary for the final product, due to technical requirements.