

MOTOR DATA SHEET

Motor type: 2SUDg225M8A(S3-60%)

Series: For cranes

30-11-2025

	ELECTRICAL PARAMETERS																	
	U	CONN.	f	ŀ	•	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at lo	oad [-]
	v	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
4	100	Y+Y	50	17	23	S3-60%	43	723	225	-	3.4	-	-	-	85.6	-	-	0.67

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	225	Sound power level [dB]	-			
Number of poles	8	Terminal box position	top			
Starting method	DOL with external starter	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	6213 C3			
Frequency converter supply	on demand	Bearing on ND-side	6213 C3			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	355	Feet - material	cast iron			
Moment of inertia [kgm2]	0.68	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

	ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	up to +40	Altitude above sea level [m]	up to 1000					
Relative humidity [%]	up to 95							

ACCESSORY							
Number of terminals or cables	3+3	Temperature sensors in bearings	on demand				
Cable glands/inlets	2 + 1	Winding heaters	on demand				
Temperature sensors in winding	3 x PTC	Optional accessories	on demand				

STANDARDS	
IEC 60034-1	

ADDITIONAL INFO							
Rotor voltage [V]	217	Rotor current [A]	49				
Rotor resistance [ohm]	0.054	Additional rotor resistance [ohm]	2.56				

